FALL/WINTER 2016

BULLETIN

Imagine Lehigh

Lehigh charts a path into a new future—one that will include undergraduate and graduate enrollment growth, faculty hiring, new academic initiatives and upgraded facilities.

MAN OF STEEL

Stainless steel busts of Asa Packer, printed with Lehigh's new Renishaw 3-D metal printer. For more on this innovative technology, see page 16. **Photo by Christa Neu**





Where We're Headed

LATE THIS PAST SUMMER, I had the pleasure of spending an hour speaking with Lehigh President John Simon about a topic that he is clearly quite passionate about: the future of this university.

In a wide-ranging conversation, Simon shared his reflections on his first year in office, offered his appraisal on where Lehigh currently stands in the world of higher education and spoke about the joys and challenges that come along with being president of a university. It was a truly enjoyable conversation, and one I remember mostly for the clear and obvious enthusiasm with which President Simon spoke of this great university.

I went into that meeting feeling proud to work for Lehigh. I left it feeling excited about where Lehigh is going. We hope reading this issue of the *Bulletin* will leave you feeling the same way.

In this issue, we delve into the details of the new path President Simon and the university leadership are charting for this great university. Their vision is one that has the potential to change and grow the university in fairly remarkable ways, but as Simon explains in the pages of this magazine, that vision is also one that builds on our historic strengths and honors our great traditions. You can read about the details of this potentially groundbreaking new future for Lehigh starting on page 26.

Of course, the pages that follow also include the kind of stories you've come to expect from your alumni magazine—stories about the achievements of our wonderful faculty and students, stories about wonderful things being accomplished by your fellow alums, and stories that simply continue to help us, your magazine staff, tell the broader and ever-more impressive story of Lehigh.

We hope you enjoy reading this issue as much as we enjoyed putting it together.

Sincerely, Tim Hyland, *Editor*



Share your thoughts—your kudos, your criticisms, your questions—by sending your Letters to the Editor. They can be sent via snail mail to the address at right, or via email to <u>tih313@lehigh.edu</u>.

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Volume 102, Number 3, Fall/Winter 2016

LEHIGH

Are We Alone?

PAGE 30: Josh Pepper and his team are helping scientists search for planets beyond the solar system that could hold life—or already do. *By Kurt Pfitzer*



STEPHANIE VETO

26 Imagine Lehigh

Lehigh unveils a framework for the university's future that will include undergraduate and graduate enrollment growth, faculty hiring, new academic initatives and upgraded facilities. *By Bulletin staff*

36 Life Interrupted

A World War II veteran finds a measure of peace and fulfillment in reestablishing his ties with Lehigh. *By Kurt Pfitzer*

40 Mapping Human History

On the Outer Hebrides off Scotland's northwest coast, archaeologists are in a race against time and climate. *By Kurt Pfitzer*

DEPARTMENTS

- 2 FROM THE EDITOR
- 5 FROM THE PRESIDENT

ON CAMPUS

- 6 Lehigh Opens Western Regional Office
- 7 New Engineering Dean
- 8 Impact Symposium Focuses on Earnings Issues
- 9 FOUR QUESTIONS Mildred Dresselhaus
- 10 Tavis Smiley 'Interrogates'
- 12 'These Are Not Tragedies'

RESEARCH

- 13 A High-Tech Peek at Roman Coins
- 14 Exhausted? After-Hours Emails May Be to Blame
- 15 Depression in African Americans

CULTURE

- 17 Celebrating Zoellner
- 18 A Fiercely Independent Bookstore
- 20 EXHIBITION: Robert Frank / The Americans: 81 Contact Sheets

ATHLETICS

- 22 Tim Kempton Sets the Bar High
- 24 PROFILE: Courtney Avery '17

NOTES

- 51 LEHIGH DISPATCH
- 75 IN REMEMBRANCE
- 88 NOSTALGIA: #LehighBeatDuke

ALUMNI PROFILES

- 47 Jordan Rowan '12
- 48 Stacey Cunningham '96
- 48 Matthew Arlington '06
- 49 Patrice Banks '02



ON THE COVER: This beautiful aerial shot of campus was taken by Ryan Hulvat.

Correspondence





MORE ON KAITLYN RUFFING '17 To watch a video on the accomplished student, go to go.lehigh.edu/ruffing



From left, Allysa Scott Gatti, Jennifer Peoples Stegers, Debbie Harmon, Susann Islami Donohue, and Karen Koch.

a pic from my annual Lehigh Girls Weekend at the Jersey shore (Seaside Park). Wanted to share our spirit and thought it might be a fun inclusion in the *Bulletin* about lifetime friendships. *Karen Koch '83*

Editor's note: Karen, thanks so much for the note and the wonderful picture. It's always great to hear about lifelong friendships made here at Lehigh. We are happy to run the photo here to share with your fellow alums. As you'll see in the Class Notes section of this issue, we are running a wedding photo-and going forward, we ask our readers to send even more. If you'd like to share news of births, gatherings and other celebrations, please send to your class correspondents, and we'll do our best to make room for them.

STEPHANIE VETO

A RICH MIX

Congratulations on your recent Lehigh *Bulletin* publication, which I have been receiving for so many years.

I love the paper selected, the articles and the overall presentation of photos and articles, especially *The Revolution*, *The Gift of Life* and *A Hero's Story*. This *Bulletin* contained a rich mix of technology, history, sports and special articles.

You are to be commended. Keep up the very good work.

Joe Reardon '57

A HERO'S STORY

I found the *Hero's* story in the summer issue fascinating.

The mention of "536 Delaware Ave." got my attention since it was my address as a member of Alpha Sigma Phi from 1951 to 1954. Since I believe "Alpha Sigma Phi" became part of the Lehigh fraternity group in 1929, what was the relationship with "Sigma Phi" fraternity that Willis belonged to in 1928 at the same address? Any ideas? Thanks for continuing to produce an interesting alumni publication.

William Sutherland '54

BEST PHOTO CHOICE?

I've intended for some time to get this brief note off to you simply to say that I thought the Summer 2016 issue was one of the best in a long while. My thanks. I've also wanted to ask you: What is that black froth seemingly emanating from our champion swimmer's nose (page 21)? Surely a more complimentary pic of the young lady was available.

Robert C. (Bob) Temps '53

Editor's note: Yes, there is! See above.

LIFETIME FRIENDSHIPS

Hi Tim! We are loyal class of '83 grads who are still best friends since the first day of freshman year! Here's

Honoring Our Past, Building Our Future

WHAT IS LEHIGH NOW? And what could Lehigh eventually be?

In many ways, I've spent my first year as Lehigh's president trying to answer those two questions, because for us to understand where we're going, we must first understand where we are today.

Of course, these are not small questions. They are complex, nuanced and multifaceted, and I understood from the moment I set out to answer them that I would not be able to do so alone.

That's why, ever since I first arrived on campus last year, I've made it a point to spend as much time as possible simply listening.

I've traveled the country to meet with our alumni as part of the Our Lehigh tour and came away deeply impressed with both their passion for the success of Lehigh and their intense pride in calling themselves part of our university family. I've met with our bright and ambitious students, not only to learn why they chose Lehigh, but just as importantly, to learn how their time here had matched up with their expectations. I have had the great pleasure of spending time with our acclaimed faculty, whose teaching and research consistently bolster our reputation around the nation and the world, and have enjoyed my interactions with our dedicated staff, whose hard work on behalf of our students helps us provide a wonderful campus experience.

These many interactions, and this remarkable past year, have helped me arrive at the answers I sought.

What is Lehigh now? It is a truly great university, one of the finest in the nation, and one that excels in teaching, learning, research and service.

And what could Lehigh eventually be? Simply: all of the above, and as we work to build on our strengths, so much more.

In this issue of the *Bulletin* you will read about an exciting vision for the future of Lehigh—one that when fully implemented would see significant enrollment growth at both the undergraduate and graduate levels, the construction of new academic and residential facilities, the recruitment of 100 new faculty, the creation of new academic programs and a greater emphasis than ever before on global engagement.

With your help, this vision can be a transformative one for Lehigh. But it is also one I believe



"THESE MANY INTERACTIONS, AND THIS REMARKABLE PAST YEAR SERVING AS LEHIGH'S PRESIDENT, HAVE HELPED ME ARRIVE AT THE ANSWERS I SOUGHT."

to be completely congruous with our historic strengths, our wonderful traditions, our incredible legacy of success, and the very ideas on which we were founded.

We have always been, and should remain, extremely proud of our past. In fact, as we embark on this new path forward, we honor that past—and all the progress that came before us—by using it as the platform on which we build our future.

I am so very excited to begin this new chapter in Lehigh's proud history, and I look forward, as well, to working with you to help make our vision a reality.

Sincerely, John D. Simon, *President*



ON CAMPUS

NEWS FROM LEHIGH



Lehigh Opens Western Regional Office

University also joins forces with Nasdaq Entrepreneurial Center

LEHIGH HAS LAUNCHED a Western Regional Office in San Mateo, Calif., in an effort to extend educational opportunities for students and faculty, build research partnerships and further engage alumni and prospective students.

Headed by Vice Provost John W. Welty, the new office provides centralized access to downtown San Francisco, the Silicon Valley and the East Bay (Oakland, Berkeley).

"This is an important step in creating new opportunities for the Lehigh

"THIS WILL BE A UNIVERSITY-WIDE COLLABORATION WITH NASDAQ THAT TAPS INTO OUR SHARED ETHOS OF INNOVATION."

-LISA GETZLER

community and raising our visibility both nationally and internationally," said Provost Patrick V. Farrell in a letter to the campus community.

In step with the new office, Lehigh has entered a partnership with the Nasdaq Entrepreneurial Center, a nonprofit designed to educate and connect the en-

trepreneurial community, as its exclusive Academic in Residence partner. Together, Lehigh and the Center have created Lehigh@NasdaqCenter, an environment in San Francisco that is uniquely suited to advance students' entrepreneurial spirit and skill sets, in any discipline. "We are thrilled to launch this institutional partnership with someone who shares the same drive to nurture and support the entrepreneurial pursuit of value creation in our society," said Lehigh President John Simon, in announcing the partnership.

The collaboration was initiated by Lehigh's Baker Institute for Entrepreneurship, Creativity and Innovation.

"This will be a university-wide collaboration with Nasdaq that taps into our shared ethos of innovation," said Baker Institute Executive Director Lisa Getzler. "Lehigh@NasdaqCenter provides a collaborative platform for Lehigh students, faculty and alumni to engage in innovation, entrepreneurial thinking and problem solving as it relates to a wide variety of disciplines."

The Nasdaq Entrepreneurial Center was established in 2014 with support from the Nasdaq Educational Foundation. The mission of the Nasdaq Educational Foundation, Inc. is to promote and provide opportunities through collaborations and initiatives that support and deliver innovative educational programs and charitable activities.

A Push Toward Sustainability

AS PART OF LEHIGH'S ENERGY-CONSCIOUS efforts, six students led a push to install 16 solar panels next to the Community Garden on Goodman Campus.

The project was part of Lehigh's Mountaintop initiative and was pioneered by Bill Best, professor of practice in electrical and computer engineering, and Breena Holland, associate professor of political science and a participating faculty member in Lehigh's Environmental Initiative. Both served as student advisers.

The project was based around the idea of sustainable farming at the gardens—to create an energy-independent, food-growing farm.

The panels, installed earlier this year, are a source of alternative energy to power the water pump at the gardens and to offset the energy used by the nearby transportation building. The panels produce a maximum of 255 watts each, creating a maximum ceiling of just over 4,000 watts of energy.

"Having these panels means we use the energy from the sun instead of needing to use a diesel generator," Holland said.

Because a lot of planning went into gathering resources, the panels were not installed until almost a year after the Mountaintop project had concluded. Twelve of the panels were purchased with money from an IPD (Integrated Product Development) program grant.

"A lot of what we did was putting together proposals for the panel installation, because we needed more funding," said Michael Miller '17, who worked on the plans.

In time, the project got the funding it needed, as well as the donation of time and resources from several different companies.

Terrasmart, a large Florida-based solar energy company, gave the team four additional ground screws for a second rack and installed them when they came to set up the first rack. Installation was the major expense; the project was funded by Sodexo and Lehigh Dining Services, Student Auxiliary and the Mountaintop initiative. Diefenderfer Electrical also donated its time to set up the electrical wiring among the panels, the transportation building and the water pump.

The panels are part of a larger push toward a more sustainable university. *—Henry Greenberg* '17



NEW ENGINEERING DEAN

Stephen P. DeWeerth, former associate dean for research and innovation at the Georgia Tech College of Engineering, is the new dean of the P.C. Rossin College of Engineering and Applied Science.

DeWeerth, who also had served as professor of electrical and computer engineering at Georgia Tech and of biomedical engineering at Georgia Tech and Emory University, assumed his role Sept. 1. He succeeded interim dean John Coulter.

"Steve is an accomplished scholar, a highly respected leader in the world of engineering, and a forward-thinking administrator who shares Lehigh's belief in the importance of innovation in higher education," said Provost Patrick V. Farrell. "We are confident that his insights, knowledge and enthusiasm will serve the college well."

DeWeerth said he was "extremely honored to have the opportunity to be the next RCEAS dean, as the college moves into this next stage of its very bright future."

He added, "Lehigh is an outstanding university that embodies innovation in undergraduate and graduate education as well as excellence in scholarship and entrepreneurship."

DeWeerth received his Ph.D. in computation and neural systems and his M.S. in computer science from the California Institute of Technology.

CHRISTA NE

ALTERNATE ENERGY

Solar panels go up at the Community Garden on the Goodman Campus.



Impact Symposium Focuses on Earnings Issues

Who has the right to decide how much someone gets paid?

MINIMUM WAGE WARS, THE GROWTH OF occupational licensing, the gender pay gap and soaring CEO pay were the focus of a day-long impact symposium hosted Sept. 30 by the College of Business and Economics.

The symposium, titled *Getting Paid: Earnings Issues in Today's Economy*, brought together educators, community leaders and economic experts, including William Wascher of the Federal Reserve System, senior analyst Sydney Carlock of Institutional Shareholder Services and Morris Kleiner, professor of public affairs and the AFL-CIO chair at the University of Minnesota.

Wascher addressed the *Rhetoric and Reality* around minimum wage hikes. He said there's a preponderance of evidence that a wage hike would cost jobs, especially for the lowest skilled workers. He said that research shows the earned income tax credit for low- to moderate-income working people would be more effective in reducing poverty.

Kleiner addressed states' occupational licensing, which raises the earnings of people who attain licensing by 10 to 18 percent, but, he said, also makes it difficult for someone to enter a profession or work across states.

A panel discussion on gender wage inequality featured Bryce Covert, economic policy editor at *ThinkProgress*; Paula England, Silver Professor of sociology at New York University; and Laurel Smith-Doerr, professor of sociology and director of the Institute for Social Science Research at the University of Massachusetts at Amherst. All agreed the gender pay gap is real, with working women earning about 80 cents for every dollar paid to men.

A panel discussion on CEO pay featured Carlock; Donald F. Parsons '70, '72G, senior counsel at Morris, Nichols, Arsht & Tunnell; and James F. Reda, managing director of executive compensation at Arthur J. Gallagher and Co. Carlock said a study by International Shareholder Services showed that the "Say on Pay" campaign, in which shareholders get to vote on CEOs' pay packages, has not resulted in lower CEO pay in the past five years but has constrained the rate of growth in pay.

To read more on the symposium, go to lehigh.edu/lehighbusiness.

APPOINTED Joseph E. Buck, who has served in key development roles at three other universities, is Lehigh's new vice president for development and alumni relations.

Buck, who most recently led a successful \$850 million fundraising campaign as the associate dean of advancement at the University of Chicago's



Booth School of Business, assumed leadership of Lehigh's advancement team from deputy vice president John Welty, who led the department on an interim basis since February.

"When we set out to find a new leader for our advancement team, we knew we needed not just a proven and capable fundraiser, but also a forward-thinking individual who would share our collective enthusiasm for and belief in the great potential of Lehigh," Lehigh President John Simon said. "That's precisely the kind of leader we've found in Joe."

At Lehigh, he will oversee the 100-person advancement team, which works to support the university through wide-ranging alumni engagement, fundraising and development efforts. Working in coordination with Simon and the university leadership team, Buck will develop new strategies to help Lehigh maximize its impact on the community and world, and he will lead efforts supporting the upcoming capital campaign. Buck earned his B.S. in marketing and his master's of education from St. Joseph's University.



According to the Economic Policy Institute, CEOs in the biggest American companies in 2015 earned 276 times the average pay of the typical worker.

FOUR QUESTIONS WITH Mildred Dresselhaus

Esteemed physicist, MIT Institute Professor and 'Queen of Carbon' Mildred Dresselhaus shared the story of her nearly 60-year career and the distinguished mentors who helped shape it during a public lecture in September.

1 What piqued your scientific interest in nanomaterials?

The electronic properties of carbon materials are so different from those of other electronic materials. Carbon is the lightest atom in column 4 of the periodic table, is earth abundant and is the basis for many common inorganic materials in nature. Carbon is also the basis of organic materials and all living creatures. When I started my independent career in 1960, relatively little was known about the electronic properties of this material and why carbon materials were so very different. Almost nobody else was interested in studying this material [then], and it is very comfortable to work in a field where the competition is low.

2 Your thesis adviser at the University of Chicago discouraged your pursuit of physics. What kept you going?

When my nominal thesis adviser told me in 1955 that women had no place in physics, I told him that I was not expecting to have others show interest in my work. My academic success gave me hopes of finding some sort of job after graduation. The Ph.D. thesis at the University of Chicago under the Enrico Fermi system was done independently and published in an appropriate journal with the graduate student as the sole author. My goal as a student was to graduate with a Ph.D. from the University of Chicago.

3 What advice would you give women entering scientific fields today?

I remain a passionate supporter of women in physics particularly because even now, 60 years after I graduated from the University of Chicago, women constitute only 20 percent of the physics community, and the proportion of women in top positions remains very low. Regarding advice for women, and men also, follow your passion and utilize your talents. It is not necessary to be aggressive or confrontational, although some women would claim this is necessary. My answer to this claim is that such tactics sometimes help, but patience with people is also fine. I don't mind being given a hard time occasionally, even if undeserved.

You have had a long and successful career, and you've said you have no plans to stop. What keeps you motivated in your work?

I am still excited about science. I still have a few students and postdocs with whom I work on a daily basis, and I look forward to coming to the lab every day to see them and work with them. This is very good for both science and for personal health. [I am very much interested] in the research I am doing and am stimulated by the many people I meet in my field and in related fields. I am equally stimulated by the many things I learn from and with my colleagues.



Tavis Smiley 'Interrogates'

TV TALK-SHOW HOST AND AUTHOR Tavis Smiley had every intention of making his audience uncomfortable when he spoke at Lehigh Sept. 30.

"If you leave here tonight and you're not re-examining the assumptions you hold, I didn't do my job," he said. "I didn't come to placate, I came to interrogate; not to offend you, but to change the way you examine the world."

Smiley, host of the Tavis Smiley show on PBS, focused on race in his talk, "Accountable: Making America as Good as Its Promise."

He criticized Republican Donald Trump's presidential campaign slogan "Make America Great Again."

"What period of American greatness are you talking about?" he asked. "Slavery? Were we great then? Segregation? Jim Crow? When women couldn't vote? When women didn't have control over their own bodies? Were we great then?"

Smiley also faulted President Barack Obama for not advancing equality and making a difference for the black community in the U.S., which he called Obama's most devoted constituency. "Even in the era of the first black president, the data suggest there's so little to be optimistic about [and] that what we had was eight years of good symbolism."

Smiley also discussed police brutality

and what he described as the seemingly constant stream of unarmed black men and women killed by police across the nation.

He called out the critics of those protesting the killings, such as the Black Lives Matter movement and San Francisco 49ers backup quarterback Colin Kaepernick, who has come under fire for taking a knee during the National Anthem.

"With every bit of love I can muster to white America and to those who don't like Colin's protest, you can't maltreat people and then tell them how to protest," he said.

Smiley's talk was sponsored by Lehigh's Notations Series.

-Madison Gouveia '17

"IF YOU LEAVE HERE TONIGHT AND YOU'RE NOT RE-EXAMINING THE ASSUMPTIONS YOU HOLD. I DIDN'T DO MY JOB."

-TAVIS SMILEY

Number of first-vear students



CLASS OF 2020 FUN FACTS

1600 Highest SAT score (2 students)





Valedictorians



JULIA, EMILY & OLIVIA Most common female names



12/22/97 12/16/97 Most popular dates of birth

RESTORING ASA'S PORTRAIT

The large, beloved portrait of Lehigh founder Asa Packer, which loomed in the Asa Packer Dining Hall in the University Center for about 40 years, is getting a facelift. "It's time for us to take a look at it and evaluate its condition and see if we can get it cleaned up and restored," said Mark Wonsidler, LUAG's curatorial associate for Exhibitions and Collections. The portrait, given to the university in 1961, is being restored by Hartmann Fine Art Conservation Services Inc. of Carlisle, Pa. The year-long process will include the careful removal of countless layers of dirt and nicotine and will also repair tears in the canvas.



APPOINTED Lee Kern,

professor of special education in Lehigh's College of Education, is the new director of the Center for Promoting Research to Practice. She succeeds the late Edward S. Shapiro, professor of school psychology at Lehigh since 1980 and the center's director from 2004 until his passing earlier this year.

Kern will lead the center in its mission to generate knowledge that will impact the lives of individuals with, or at risk for, disabilities. The center's primary objective is to establish partnerships with schools, parents and families, and community service providers to enhance the use of best practices for individuals with, or at risk for, disabilities.

"I am thrilled to have the opportunity to continue the



important work that Ed Shapiro initiated and also to take the center in new directions," Kern said. "The faculty members affiliated with the center continue to produce significant and innovative research that is making a meaningful and lasting impact on the lives of children who are vulnerable, at risk, or have disabilities.

"The center will continue to engage in efforts to assure this extraordinary work reaches many more children, adolescents, families and teachers. In addition, we will work to help address service gaps in the Lehigh Valley and beyond."

CHRISTA NEU

'These Are Not Tragedies'

An open forum welcomes discussion on protest and policing in the United States



SPEAKING UP Above: Protes-

Above. Protest tors gather in Ferguson, Mo., in October 2014, following the killing of Michael Brown by police. Right: Kevelis Matthews-Alvarado '20 encourages students to have difficult conversations. ON AN EVENING IN LATE September, a standing-room crowd of students, faculty and staff gathered in the Roemmele Global Commons of Williams Hall for an open forum on protest and policing in the United States.

Shootings by police of African Americans have sparked both peaceful and vi-

olent protests in several U.S. cities in recent years. The fatal shootings of Terence Crutcher in Tulsa, Okla., and Keith Lamont Scott in Charlotte, N.C., prompted the forum.

"This is a beginning. Nothing is going to get resolved here this evening, but hopefully we can chart a course through which, as a university community, we can make informed decisions and become more aware about some

of the important social justice issues that we're confronted with in the 21st century," said James Peterson, associate professor of English and director of Africana Studies.

"The purpose of this forum is to create a space for us to start having these conversations [and] create a space for you to ask questions, share your thoughts, talk about how you're feeling: how angry you are, what you really want to do, what you envision for us as a society," said Sirry Alang, assistant professor of sociology and health, medicine and society.

Panelists included Peterson; Alang; Bruke Mammo '17; Karen Valerio '17; Saladin Ambar, department chair and associate professor of political science; and Holona Ochs, associate professor of political science. The forum opened with panelists sharing brief thoughts. Many audience members then shared thoughts, feelings and personal experiences with the gathered crowd.

"I think the way I'd like to engage the discussion is to think about the way these encounters with law enforcement are described, but also the way the re-

sistance to these encounters is described," said Ambar. "These are not tragedies, these deaths. A boy or girl drowning in a swimming pool, the Hindenburg: Those are tragedies. These are political events. ... This is about willful political violence in a citizenry, all of us, myself included, who countenanced it for too long, who sat behind our professionalism, our privilege, being white or otherwise, and have not raised our voices appropriately enough to condemn acts that are inhuman and inhumane."

> Participants in the forum discussed topics including the viewing of footage taken and shared via social media of the deaths of African Americans at the hands of the police; the challenges of institutional change; the importance of recognizing progress when it's made; the necessity of building community; and learning from, challenging and engaging all community members students, faculty and staff—in meaningful, honest discussion.

> Kevelis Matthews-Alvarado '20 urged all students to speak up, regardless of age.

"Just because you're young or you're afraid someone is going to look at you some type of way, don't be afraid to put yourself out there and have these tough conversations and share your opinions with people who might not understand where you're coming from," she said.

The forum was sponsored by the political science department, the Martin Luther King Committee, Africana Studies and the Black Student Union.—*Kelly Hochbein*





A High-Tech Peek at Roman Coins

USING THE MOST ADVANCED TECHNIQUES for analyzing the surfaces of materials, a team of researchers has shed light on the coin-making practices of the Roman Empire and the manner in which Roman coins have corroded over the past 2,000 years.

The study by chemical engineers and materials scientists demonstrated that low-energy ions, x-rays and laser lights can be used to analyze archaeological objects without damaging them. And it yielded clues about the environment to which the coins, and the people who handled them, were exposed.

The group studied five Roman coins and reported its findings in the journal Applied Surface Science. The researchers included Israel E. Wachs, the G. Whitney Snyder Professor of chemical and biomolecular engineering; Michael R. Notis, professor emeritus of materials science and engineering; and Christopher J. Keturakis '09 '15 Ph.D.

The researchers used three surface spectroscopic techniques to determine the composition of the outer layers of the coins, where corrosion occurs. One technique, high sensitivity-low energy ion scattering (HS-LEIS) spectroscopy, had not previously been used to examine archaeological objects. The method had been considered destructive, but the researchers overcame this by utilizing modern high sensitivity analyzers that require about 3,000 times fewer ion-surface collisions to collect data.

The researchers found potassium, sodium, chlorine and sulfur to be "key corrosion components" for all five coins, with sulfur concentrated near the surface and chlorine occurring at greater depths. The absence or presence of elements, said Wachs, reflects the "corrosion environments" from the coins' contact with humans, shells, sand, pottery, wood and other sources.

The researchers also found that some of the coins contained lead, resulting from the coin production process, at the surface layer. Wachs said this means that the people who handled the coins in ancient times were directly exposed to lead, a potent neurotoxin.

The researchers believe the advanced surface-analysis techniques they employed could help improve the preservation of ancient artifacts.-Kurt Pfitzer

Е S E Α R R С н

NEGLECTED NO LONGER

In her first book, Jenna Lay, associate professor of English, has uncovered a trove of forgotten writings by Catholic women living in post-Reformation England and in exile on the European continent.

These women, says Lay, wrote spiritual guides, confessions, prayers, polemics and hagiographies. They wrote to raise money, answer critics and take part in the political and religious debates of the day. But their contributions to English literature have been largely forgotten.

Lay attempts to restore the literary record in Beyond



In the 1990s, Lehigh researchers showed that the silver content in Roman coins rose and fell along with the fortunes of the Roman economy

the Cloister: Catholic English-

women and Early Modern Literary Culture, published in August by the University of Pennsylvania Press. She spent a decade conducting research for her book, visiting monasteries and libraries in the United States and England and on the European continent, and poring over original manuscripts written in the convents.

She became interested in her subject when she discovered that nuns often appeared in works by William Shakespeare, Christopher Marlowe, John Donne and other famous writers following the dissolution of England's Catholic monasteries during the Protestant **Reformation.**



Exhausted? After-Hours Emails May Be to Blame

New study suggests that workplace technology may hurt the very employees it was designed to help



LIUBA BELKIN is co-author of a study that finds a link between organizational after-hours email expectations and employees' emotional exhaustion.

COMPANIES SHOULD REFRAIN FROM sending emails to employees after hours—for the sake of their employees' health and productivity, suggests a study co-authored by Liuba Belkin, associate professor of management.

The study finds a link between organizational after-hours email expectations and employees' emotional exhaustion, which hinders work-family balance. The results suggest workplace technologies may hurt the very employees those technologies were designed to help.

Using data collected from 297 working adults, Belkin and her colleagues—William Becker of Virginia Tech and Samantha A. Conroy of Colorado State University—looked at the role of organizational expectation regarding off-hour emailing and found it hurts employee emotional states, leading to burnout and diminished work-family balance.

The study-described in an article titled *Exhausted*, but Unable to Disconnect: The Impact of Email-related Organizational Expectations on Work-Family Balance-is the first to identify email-related expectations as a job stressor along with already established factors such as high workload, interpersonal conflict and time pressure.

To restore resources used during the day at work, previous research shows, employees must be able to detach both mentally and physically from work.

"Email is notoriously known to be the impediment of the recovery process. Its accessibility contributes to experience of work overload since it allows employees to engage in work as if they never left the workspace, and at the same time, inhibits their ability to psychologically detach from work-related issues via continuous connectivity," the authors write.

They found it is not the amount of time spent on work emails, but the expectation which drives the resulting sense of exhaustion. Due to anticipatory stress—a constant state of anxiety and uncertainty as a result of perceived or anticipated threats, according to research cited in the article—employees are unable to detach and feel exhausted regardless of how much time they spend on the emails.

"This suggests that organizational expectations can steal employee resources even when actual time is not required because employees cannot fully separate from work," state the authors.

According to the study, the expectation does not have to be explicit or conveyed through a formal organizational policy. It can be set by normative standards for behavior in the organization. The culture is created through what its leaders and members define as acceptable or unacceptable behavior.

"Thus, if an organization perpetuates the 'always on' culture, it may prevent employees from fully disengaging from work, eventually leading to chronic stress," says Belkin.

The researchers also found that people who prefer a strict separation of work and family time have an even more difficult time detaching from work than those OK with blending work and home time.

The study gives insight into what managers can do to mitigate the chronic stress and emotional exhaustion that employees may feel over organizational expectations related to email. "We believe our findings have implications for organizations, as even though in the short run being 'always on' may seem like a good idea because it increases productivity, it can be dangerous in the longrun," says Belkin.

The authors suggest that if completely banning email after work is not an option, managers could implement weekly "email free days." Another idea is to rotate after-hours schedules to help employees manage their work and family time more efficiently.

The benefits may go beyond employee well-being.

The study says, "Such policies may not only reduce employee pressure to reply to emails after-hours and relieve the exhaustion from stress, but will also serve as a signal of organizational caring and support, potentially increasing trust in management, work identification, job commitment and extra-role behaviors."—Lori Friedman

Examining Depression in African Americans

DEPRESSION IN AFRICAN AMERICANS, says Sirry Alang, is expressed in ways that are inconsistent with symptoms of depression laid out in the *Diagnostic and Statistical Manual of Mental Disorders*.

Alang, an assistant professor of sociology and anthropology, spent 12 months in a disadvantaged, predominantly black, urban neighborhood in the Midwest to understand how African Americans perceive depression. She conducted informal interviews with key contacts in their homes, at church, during community events and in other public places. She details her findings in *Black Folk Don't Get No Severe Depression: Meanings and Expressions of Depression in a Predominantly Black Urban Neighborhood in Midwestern United States*, which suggests that clinicians and researchers should be asking if the instruments they use to diagnose and assess depression are valid among African Americans. The study was published in *Social Science & Medicine*.

Alang suggests that African Americans perceive depression as a weakness inconsistent with notions of strength, rather than a health condition. The study results have significant implications for the clinical assessment of depression and the measurement of depression in community surveys.

Although depression was expressed through classic depressive symptoms such as feeling hopeless, loss of sleep and losing interest in activities, Alang says symptoms like anger, agitation and the frantic need for human interaction were also considered indicative of depression. These symptoms are inconsistent with symptoms of depression in the diagnostic manual.

For example, clinicians might miss symptoms such as anger if they are focused on depression as defined by the manual. But they won't miss them altogether if they are open to the possibility that some African Americans express symptoms consistent with their beliefs about depression.

Alang found that despite disproportionate exposure to social and economic disadvantage, those she studied perceive themselves to be resilient. Depression does not exist in a vacuum, but is linked to racial discrimination that is insidious and persistent within the context in which African Americans live, she writes. She concludes that improving black mental health calls for meaningful engagement in analyzing the racial effects of policies, practices and programs.—*Lauren Stralo*





A MOST CRITICAL CHOICE

By choosing to see themselves as survivors instead of victims, says Suzanne Edwards, women and men who have experienced sexual assault can reclaim the power to negotiate the terms of their own lives.

Edwards, an associate professor of English, examines this topic, and its long history in literature and law, in *The Afterlives of Rape in Medieval English Literature*. The book, her first, was published earlier this year by Palgrave Macmillan.

In *Afterlives*, Edwards analyzes a variety of texts written in England between the late 11th century and the end of the 14th century. These include the works of Geoffrey Chaucer and others, and texts such as saints' lives, legendary histories, legal documents and spiritual biographies.

Writers in the Middle Ages, says Edwards, were influenced by the ancient legend of Lucretia, and by historical figures such as St. Augustine, who argued against suicide in the aftermath of rape, and St. Jerome, who counseled suicide as a way to prevent rape while preserving one's virtue.

The history of social attitudes and thinking about rape, Edwards argues, continues to have relevance to modern controversies about sexual violence on college campuses and in international human rights law.

SIRRY ALANG

determinants

of physical and

studies the social

mental health and

health inequalities.

She is interested in how social factors,

geopolitical factors

and health services

shape health over

the life course.



The Cutting Edge of Additive Manufacturing

SOME HAVE DESCRIBED 3-D PRINTING, or additive manufacturing, as the third industrial revolution. It allows users to print things that would be almost impossible to make in a traditional machining environment. This summer, Lehigh expanded the possibilities with a Renishaw 3-D metal printer, the second the British engineering company has ever made in its particular series and the first in the United States.

Lehigh acquired the printer through a uniquely comprehensive educational partnership with Renishaw. The industrial platform printer, which has a 400-watt laser and a 250x250x300 millimeter build chamber, employs what's known as powder bed fusion technology. Any type of metal that can be rendered in powder

form is loaded into the material hopper of the machine. An arm within the printer smooths the powder and a laser selectively melts the powder together so it solidifies into a single metal piece. The build plate drops down 50 microns and a new layer of powder is pushed on top of it. The laser returns and selectively melts the next layer, which then melts into the layer below. The process repeats until the desired part is fully formed.

"WE'VE HAD [3-D PRINTING] AT LEHIGH FOR A LONG TIME, WAY BEFORE IT WAS THE COOL THING TO DO."

-BRIAN SLOCUM

Renishaw is allowing Lehigh to change the machine's processing parameters as needed for research. Brian Slocum, managing director of Lehigh's Wilbur Powerhouse and Design Labs and director of the university's Additive Manufacturing Lab, and doctoral student Trevor Verdonik will visit Renishaw's headquarters in England to learn how to develop process parameters from the Renishaw side.

Carpenter Technologies, a powdered-metal supplier based in Reading, Pa., will fund research that will assist in their materials development, and multiple research funding agencies and corporations have come calling since learning of the new printer. Renishaw is pushing its client base to Lehigh to conduct research related to end-use products.

"We've had [3-D printing] at Lehigh for a long time, way before it was the cool thing to do," says Slocum. "... Now there's actually some core scientific research dollars coming in that we can tap into. I think we're well leveraged to do that."



DEVELOPING GEOSPA-

TIAL LITERACY Ninth-grade students in Allentown School District's newest high school, Building 21, will be able to build STEM-related skills as part of an innovative, geospatial curriculum approach to learning that is under development by Lehigh researchers.

Led by Alec Bodzin, professor of instructional technology and teacher education in the College of Education and a core faculty member of Lehigh's Environmental Initiative, the team is collaborating with Building 21 teachers to design, implement and evaluate a series of socio-environmental science investigations that students will conduct as part of their studies.

The three-year Strategies Project is funded by a \$1.2 million grant from the National Science Foundation. Through hands-on activities that will be incorporated into science and social studies classes, students will learn how to think spatially and solve problems. They also will be exposed to careers in STEM-related fields.

"Right now, in a lot of fields, geospatial literacy is important in developing skills," said Bodzin. "If you go into city planning, if you do environmental planning, if you work in civil engineering—there are just a lot of industries that use GIS (geographic information systems) now. It's a good skill set to have. And a lot of these spatial thinking skills transfer into a lot of other disciplines and other areas."

CELEBRATING ZOELLNER

Film and Broadway star Vanessa Williams helped Lehigh's Zoellner Arts Center celebrate its 20th year of creativity, collaboration and community service in October. Williams headlined the arts center's 2016 Gala, backed by a five-member band and three singers. She sang her biggest hits, including "The Right Stuff" and "Dreamin'."





CHRISTA NEU

TAYLOR BRANCH ON

VOTING RIGHTS Historian and author Taylor Branch came to Lehigh in September, delivering a talk at Baker Hall on *Voting Rights: A Civil Rights Challenge Yesterday and Today*. Branch led his audience through a history of the civil rights movement, much of it viewed through his perspective as a white child growing up in a segregated South.

Despite the progress made by Martin Luther King and other activists on voting rights, threats to democracy have re-emerged in restrictive voter ID laws, gerrymandering of congressional districts and localized decisions on both the number and locations of polling places, he said.

The changes are driven, he said, "by a ridiculous standard of too many people voting rather than enough people voting."



CHRISTA NEI

COMIC CON NIGHT AT RATHBONE Dining Services

hosted its second annual Comic Con Night at the Rathbone Student Restaurant in October, with executive chef Joe Kornafel dressing up as Captain America to serve the star-shaped "Avenger's Jello" and other aptly named dishes.

Dining Services created its menu using locally grown ingredients.



A Fiercely Independent Bookstore

Harriett Logan '89 plays David to the big-chain Goliaths

"IT'S A PLACE WHERE literature and information are available on a whim. A place where you can find an ever-changing rotation of new ideas and encounters with new literary friends. A place where you will find something you never knew existed that changes your life."

Harriett Logan '89 is describing the ideal independent bookstore. She could be describing Loganberry Books, which she opened in 1994 in Shaker Heights, Ohio. One of nearly 2,300 independent bookstores in the United States, it's a haven for an edible-books contest, an Internet answering service staffed by booksellers and librarians around the country, and a robust collection of approximately 100,000 new, used and rare volumes. Personal service and personality have helped it survive stiff competition from chain stores with chain coffee shops and online mega-markets. None of these goliaths, however, has a giant outdoor mural of shelved books or a mother who triples as a buyer, scout and shopkeeper.

Brenda Logan was her daughter's first book guru. She introduced Harriett to bookstores, antique stores and first-rate children's books. Harriett was an elementary schooler in Pepper Pike, Ohio, when she had a memorable encounter with Roald Dahl's *Danny, the Champion of the World*, the tale of a youngster who bonds with his widowed father by stealing and drugging pheasants from a mogul's estate. Initially reluctant to read a "silly" story about a boy, she decided one very early morning that she wouldn't leave her bedroom until she had finished it. Five hours later, she emerged from her lair, spellbound. She had lived her future mantra: "A good book is a powerful drug with no due date."

In high school, Logan began collecting children's books, rating stores

on the quality of their volumes for youngsters. At Lehigh, where she majored in English and theatre, Logan practiced her literary passions. A sort of theatrical Swiss Army Knife, she stage-managed, acted, directed and supervised the Mustard and Cheese Drama Society, and starred in her senior research project. Working with her mentor, theatre professor Augustine Ripa, she learned invaluable lessons about solving problems independently.

Logan stretched her stage wings at the University of Illinois at Urbana-Champaign, where she earned a master's in theatre history. She accepted her first job in a bookstore, serving a shop named for Jane Addams, the pioneering social worker. She enjoyed every duty: cataloguing, researching, networking. After a period of temping and hiking in Seattle, she returned to Ohio knowing she'd rather run a bookstore than help run a college theatre.

Logan opened Loganberry Books in a 2,000-square-foot space adjacent to an oriental rug store. She named her shop after her nickname, which she had acquired after Touchstone Theatre in Bethlehem hired her as a designated laugher. In 1995 she launched a Web site, a bold move for the rookie owner of a new independent store. Lacking an electronic catalog, she filled the void with a question-and-answer service slanted toward children's books.

Six years later, Logan doubled Loganberry's space. In 2003 she moved the store's 20,000 books into a nearby building with 10,000 square feet. Extra room allowed her to improve the essentials of a good bookstore: comfortable chairs, roomy aisles, diverse stock. "You have to have great depth of field," she says. "You can't offer 500 books of fiction and think you have a great selection of fiction. The better your inventory, the longer the browsing."

Like many bookstores, Loganberry hosts book-club meetings, author readings and lectures on issues; an August session was led by David Greene '87, a San Francisco lawyer who specializes in First Amendment rights regarding artists and electronic outlets.



Logan has lost countless customers to Barnes & Noble, which offers bigger stores and Starbucks satellites, and Amazon, which offers the convenience of buying printed and electronic books with the click of a keypad. The tide, however, may be turning in her favor. According to the Association of American Publishers, sales of trade e-books fell 14 percent in 2015, the first drop in seven years. According to the American Booksellers Association, the number of independent bookstores rose from 1,651 to 2,311 from 2009 to 2016. The Pew Research Center reports that 67 percent of adults read books in 2016, a healthy figure in an age where many adults prefer text messages to textbooks.



"I LIKE BEING PART OF THAT FIERCELY INDEPENDENT COMMUNITY OF HARD-HEADED PEOPLE LIKE ME ... WHO WANT TO RUN THEIR OWN SHOW."

-HARRIETT LOGAN '89

Unlike many bookstores, Loganberry hosts movies, old-time radio shows and a contest for foods mentioned in or suggested by books.

Loganberry also hosts baby showers, anniversary parties, even weddings. The store has helped turn Larchmere Boulevard, a 10-block business district, into a hub of organic children's clothes, vegan baked goods and bike racks shaped like antique chairs. "I like being part of that fiercely independent community of hard-headed people like me," says Logan, "who want to run their own show." adults with the attention span of children.

"They need to stop believing the media storyline that printed books are dying," says Logan. "Believe me, e-readers won't put books out of business any more than film will put radio out of business. The issue is not if Amazon is easier or better than an independent bookstore. The real issue is: Where are customers going to ask first? They can send me an email just as quickly as they can contact Amazon. I can get the book for them just as quickly. But if I'm not given the question, I can't answer it." *—Geoff Gehman '89 M.A.*

Logan is encouraged by a significant increase in the number

of walk-in book sellers, some encouraged by literary treasures

they discover on "Antiques Road-

show." She's inspired by children charged and changed by new

books the way she was when she gulped down *Danny*, *the Champi*-

on of the World. She's more concerned about parents and other

EXHIBITION Robert Frank /The Americans: 81 Contact Sheets













IN A NOW ICONIC road trip, Swiss-born photographer Robert Frank traveled across the United States in 1955 and took photos of a quintessentially American social landscape. He chose 83 images from more than 28,000 negatives for his pivotal book, *The Americans*.

Frank's book, which provided an outsider's perspective, revealed the hidden face of poverty, racism and consumerism in the United States.

The works in the exhibition, which is on display in the Dubois Gallery at Maginnes Hall until Dec. 10, present images of Frank's unedited contact sheets, including his notations. To see images from the exhibit, visit **luag.org**.

Tim Kempton Sets the Bar High

The two-time Patriot League Player of the Year sets his sights on a championship



TIM KEMPTON HAS MADE quite a name for himself at Lehigh. Now, heading into his final season, he'd like to leave a lasting legacy.

"How do we want to be remembered?" the 6-foot-10 Kempton asks. "Just as having had an okay career, where we never won championships? Personally it would be nice to repeat as player of the year, but at the end of the day, it's about winning, so I would take a championship over player of the year any day of the week."

Should it come down to such a choice—which it likely won't; if Lehigh wins the conference title, it certainly will need another banner season from its star—Kempton will be able to rest easy: his basketball résumé already sparkles with plenty of personal accolades.

The name on top of that CV might

catch the eye of astute basketball fans who remember Kempton's father, also named Tim, from his playing days. A Notre Dame alum who had a 14-year career with nine NBA franchises and several teams in Europe, the elder Kempton served as his son's unofficial coach and trainer.

Based on the younger Kempton's first three seasons at Lehigh, his father did a stellar job. "Tim's been a really productive player for us ever since he put on a uniform," says Lehigh head coach Brett Reed. "It's not every day that you come across a guy who's won rookie of the year and consecutive player of the year awards. It puts him in very elite company. That means people around our league respect him and his performance at such a high level. I think Tim is really hungry to get the ultimate recognition, and that's of a champion."

That Kempton even set foot in Bethlehem is unlikely. He'd heard precious little about the school when it began to recruit him. As a young boy he lived in Spain while his father played professionally there. When the family moved to Florida, Shaquille O'Neal lived next door.

"I used to hang out with his daughters a lot," Kempton says. "They had an arcade room, and we would spend hours and hours in there. They had it rigged so you wouldn't have to use quarters."

It wasn't until his high school years in Arizona, where his father still works as the Phoenix Suns' radio color commentator, that Kempton started seriously concentrating on his game. Even so, he was lightly recruited when Lehigh jumped in late.

"I actually looked up the school right before my official visit," he says. "I got there and just fell in love with the place instantly. The campus, the way the culture was around the program, the coaches."

His comfort level was evident during his freshman season, in which he led the team in rebounding and was its second-leading scorer. His sophomore season saw no slump. He led the team in scoring (15.3 points per game) and rebounding (8.7 per game), and was named the conference's player of the year. Last season he became just the third player in league history to be named player of the year twice before his senior season (the other two—Adonal Foyle of Colgate and C.J. McCollum of Lehigh—both went on to the NBA).

But 2016 will always be somewhat bittersweet for Kempton. The Mountain Hawks fell three points shy of their major goal, losing to Holy Cross in the Patriot League Tournament. (Kempton scored 20 points on 8-of-10 shooting.)

"That was one of the toughest moments of my career by far," he says. "It's still hard to put into words, to be that far



along in the process and to end up one shot short. At the end of the day all you can do is move on. I watched them cut down the nets and promised I wouldn't let that happen again."

As he prepared for his final season, the number three was seared in Kempton's mind. In the weight room, during conditioning drills, firing up shot after shot at a lonely hoop, memories of the loss never were far from the surface.

Kempton is perhaps more focused on his game now than he's ever been. His college career has flown by, and with just a few months left before he hopes a pro career begins, he's vowed to elevate his game to a new level.

No one doubts he can.

"Anyone who's watched him can see the improvement," Reed says. "From his freshman year to his sophomore year, improving his body and his explosiveness. From his sophomore year to his junior year, increasing his range and improving his skill. Now, it's really where we hope that he will take the reins of this program and help lead our team to a championship."

If he does, no Lehigh basketball fan will ever forget the name Tim Kempton.—*Mike Unger*

CAREER HIGHS



4 A331313 (ZA) (Last at Lehigh vs. Bucknell1/11/16)

3 STEALS (2X) (Last at Lehigh vs. Loyola 2/3/16)

STATS

32 Number of games played Points per game

26.4

Minutes per game

PROFILE Courtney Avery '17



In 2016, senior high jumper Courtney Avery literally set the bar for Lehigh track and field by becoming the first All-American in program history. As she prepared for her senior year, she talked about her greatest achievements so far, how she ended up at Lehigh, and her plans after she graduates this spring.

for 11th place in the high jump

Championships, and also won

her second straight outdoor Pa-

triot League Championship with

a jump of 1.8 meters. In total,

has won six league champion-

ships and is the school record

at the 2016 NCAA National

MAJOR:

Architecture

HOMETOWN: Wynantskill, N.Y.

HONORS: Earned Second-Team All-America honors after tying

holder in both the indoor and outdoor high jump.

HOW I ENDED UP IN TRACK

& FIELD: I started running track when I was a freshman in high school. My older sister was on the team and my basketball coach encouraged me along with a few other girls on the basketball team to join track.

HOW I ENDED UP AS A HIGH JUMPER: When I first started track, in high school, I didn't really know anything about the different field events you could also participate in. I was really only concerned about the running events. During the first few weeks of practice, my coach was introducing us to all the different events and allowing us to try them if we wanted. When my coach asked if anyone wanted to try high jumping, I volunteered. I was always somewhat aware of my jumping ability



when I was playing basketball but I never thought it would be useful outside of basketball.

THE BIGGEST CHALLENGE OF

MY EVENT IS ... : There are so many tiny components that need to come together in order to have a successful jump. I think one of the biggest challenges is getting all of those components to come together at once and keeping your jumps consistent.

THE KEY TO A PERFECT

JUMP IS ... : The key to having a perfect jump, for me personally just is getting a lot of speed when approaching the bar and having really good knee drive. These are two aspects of my jump that I've really been focusing on and can be attributed to my success, specifically in the past year.

BEST MOMENT OF MY LEHIGH CAREER SO FAR:

One of the best moments of my Lehigh career so far was definitely winning the Eastern Regional meet in May at the University of North Florida. Finishing top 12 in this meet qualified me to go to the NCAA Outdoor National Championship at the University of Oregon. Upon starting the competition I would have been very happy finishing anywhere in the top 12, so actually winning the competition was a little unexpected and was a great feeling.

THE BEST THING ABOUT LEHIGH AS A UNIVERSITY

IS ... : What stood out to me the most when making my decision to come here was having the opportunity to compete in Division 1 athletics as well as receiving an incredible education. I really get the best of both worlds being here!





IMAGINE LEHIGH

President John Simon lays out an **ambitious framework for the university's future** through undergraduate and graduate enrollment growth, faculty hiring, new academic programs and upgraded facilities.

BY BULLETIN STAFF



n the occasion of his first Founder's Day as Lehigh's president in 2015, John

Simon spoke to the campus community about the importance of looking forward—and how the time had come to imagine a bolder, bigger future for Lehigh. He encouraged faculty, students, staff and alumni to participate in thoughtful, wide-ranging conversations about what that future might be, and how it might look. And he made the case that Lehigh stood at a crucial pivot point in its proud

history—one that would ultimately determine the role it would play in a fast-changing and ever-more-complex world.

His core message that day was clear and simple: The time had come for Lehigh to take a great leap forward. Now, the university is prepared to do just that.

In early October, Simon presented to

the university's Board of Trustees the broad framework on which Lehigh's future will be built. It is a vision that includes a series of sweeping, decisive steps that will see the university build on historic strengths and evolve into a more dynamic, impactful institution: an increase in both undergraduate and graduate enrollment, renovations to numerous campus buildings, the construction of new academic and residential facilities, the addition of 100 faculty and an expansion in the area of health that builds on the university's existing strengths and current areas of expertise.

This framework was unanimously endorsed by the trustees, and elements of it are being shared by Simon

with alumni as part of an ongoing series of "Imagine Lehigh" dinners. Meanwhile, the university leadership will begin implementing changes over the next few months that will catapult Lehigh forward and create a more impactful, dynamic institution.

"We are setting a direction that builds and expands upon our historic strengths and honors the core values that have made Lehigh such a special place," Simon said. "This plan has the potential to be truly transformative for our university, and I could not have been more encouraged by the positive and enthusiastic response of our trustees, our faculty, our alumni and everyone in the campus community."

"This is a truly extraordinary moment for Lehigh," said Brad Eric Scheler '74 '05P '08P '09PG, chair of the Lehigh Board of Trustees. "This plan charts a path to further distinction and expands opportunities for our already exceptional university. I am thrilled about the possibilities that lie ahead."

BUILDING ON EXISTING STRENGTHS

Following the trustees meeting, Provost Pat Farrell shared details of this new vision for Lehigh here on campus, addressing the faculty during their October meeting. In an hour-long presentation that was received positively by the faculty community, Farrell detailed the multifaceted

"We are setting a direction that builds and expands upon our historic strengths and honors the core values that have made Lehigh such a special place."

-PRESIDENT JOHN SIMON

plan, which is an outgrowth of a series of World Café-style discussions with key constituencies across campus and with alumni and trustees. He outlined the specific ways in which the Lehigh community can begin to work in concert towards these broader goals.

Farrell said the 10-year framework relies upon foundational premises that need to be continuously evaluated and refined, and which leave room

for development by others—particularly faculty—and also administrative and staff leaders. Indeed, Simon has noted that while the plan has many components—including a major focus on facilities and new construction—it is at its core an academic plan.

The goal, Simon says, is not growth alone; rather, it is to grow Lehigh in ways that serve to expand its capabilities and impact in teaching, learning and service. An expanded commitment to the growth of South Bethlehem and an even greater global engagement are also part of the new vision.

"All of these initiatives are things that we believe are crucially important as Lehigh strives to grow and expand upon its mission," he said. "We really do believe the university stands at a crossroads, and we need to seize upon our many strengths to expand our capabilities in academics, in student life, in our engagement with Bethlehem and, truly, in everything else we do as well."

From an academic point of view, Simon and Farrell say, Lehigh's undergraduate program going forward must be broad, with significant depth in a variety of fields. Lehigh is known for its strong interdisciplinary programs, and going forward, those interdisciplinary perspectives need to be embedded in every major, minor and certificate program. This breadth of programs should create broad opportunities for collaboration, and the embrace of theory-to-practice should be a central part of academic endeavors.

Additionally, they note, professional graduate programs should serve those who aim for a specific profession, not necessarily a career in research.

Finally, research and graduate programs must be broad enough to engage faculty and students in each of the four colleges, yet flexible enough to create unexpected collaborations. Trained Ph.D. graduates should be able to go on to careers beyond academia. The addition of the 100 new faculty will bolster existing programs and help create new ones, fostering an even more dynamic culture of discovery.

Chris Brezski '97 attended an "Imagine Lehigh" dinner in Boston. "Expanding the university should prove a benefit with more diverse opportunities, a larger alumni network and ultimately greater resources," he said.

GROWING A DIVERSE, ENGAGED COMMUNITY

As part of the initiative, Lehigh will continue efforts to generally increase diversity across constituencies (undergraduate students, staff and faculty), while at the same time increasing the undergraduate graduation rate to 90 percent or more and attracting a diverse group of talented students from a broader geographic base. Simon believes that last element is crucial, as an expanded focus for student recruitment would bring not only new perspectives to campus, but help improve Lehigh's reputation nationally as well.

Lehigh will continue to develop a robust range of undergraduate programs, with a goal of attracting and educating a diverse group of students for career-start and long-term success; being conscientiously and recognizably interdisciplinary in our approach; thoroughly incorporating a global attitude and experience; adopting a more outcomes-focused view; and retaining the ethos of putting theory to use.

"In effect," Farrell said, "our job is to prepare students for a future we never thought of."

To fully realize these academic goals, Farrell stressed

"In effect, our job is to prepare students for a future we never thought of."

-PROVOST PATRICK FARRELL

that full support for students is critical. This could include academic support, advising and physical and mental health efforts. This support will become even more important as the student body becomes more geographically, culturally and ethnically diverse.

For faculty, the new plan also places a strong emphasis on research and scholarship.

Farrell said it will be an expectation that all faculty are actively engaged in research and scholarship, and that institutional support will go to areas that are most likely to achieve the overarching goals of knowledge creation, graduate student development and national prominence.

"Many of these will fall between conventional disciplines," he said. "They may not even be accepted as 'real research' for some time. We might want to think a little bit differently about these."

NEW CHALLENGES, NEW OPPORTUNITIES

Simon says it's important to note that the identification of bolder university goals does not in any way conflict with the university's great traditions, proud heritage or well-established strengths. Rather, this pivot point in Lehigh's history is one that merely builds on all that has been accomplished and built before.

"For me, moving Lehigh forward is about taking the core values of the institution and making them operational in the context of our current times," he explained. "That impacts student life, it impacts academics, it impacts our connections to industry and impacts how we are going to position ourselves nationally. We've always had a very practically focused education here—that would be my sense after a year here, and there's nothing wrong with that. But the question is how you bring that institutional culture into this decade."

Both Simon and Farrell say they recognize the potential for growing pains as the plan is implemented, acknowledging the consequences of a more dynamic institutional environment. Though possibly unsettling, this level of change also presents enormous opportunity, they said.

"I have a deep confidence and belief in Lehigh's future," Simon says. "Our challenge now is to step boldly, together, into that future."

ARE WE ALONE?

JOSH PEPPER AND HIS TEAM ARE HELPING SCIENTISTS SEARCH FOR PLANETS BEYOND THE SOLAR SYSTEM THAT COULD HOLD LIFE-OR ALREADY DO.

BY KURT PFITZER PHOTOGRAPHY BY STEPHANIE VETO

ack in 2002, in his first year as a graduate student at Ohio State University, Joshua Pepper was sitting in his office one day when a professor walked by and asked what he was doing.

Nothing much, Pepper said.

Good, the professor replied. Then you'll have time to work on my project.

Pepper, an astronomy student, was studying the giant black hole in the center of the Milky Way Galaxy. The professor wanted to determine if an upcoming NASA mission could locate exoplanets—planets orbiting other stars. The professor was not his adviser, but Pepper saw no way to decline. What was supposed to be a three-month project became a one-year investigation. During that time, the planned NASA mission was scrapped, but Pepper made a more significant discovery: The search for planets beyond the solar system—and potentially for life as well—could be effectively conducted with modest equipment.

"We did a set of theoretical exercises looking for the best way of searching for exoplanets," he says. "We showed that we could design a small telescope and use it to find exoplanets in a more efficient and cost-effective way."

Pepper put his theories into action. On a budget of under \$50,000, he built the Kilodegree Extremely Little Telescope, or KELT, and deployed it at a private observatory near Sonoita, Arizona, an hour southeast of Tucson. KELT-North, as it is called, stands 6 feet high and weighs about 75 pounds.

Five years later, as a postdoctoral fellow at Vanderbilt University, Pepper built a second telescope, KELT-South, and stationed it in South Africa to observe the southern sky.

B





Today, Pepper is an assistant professor of physics at Lehigh. (His father, Stephen Pepper '59, earned a B.S. in engineering physics and spent more than 50 years working at NASA in Cleveland, Ohio.) He runs the KELT project with researchers at Ohio State and Vanderbilt.

The KELT scientists collaborate with amateur astronomers and with researchers at other universities and large observatories. The KELT Follow-Up Network, with 40 members in 10 countries, is the largest of its kind in the world. It has confirmed the discovery of 13 exoplanets and is preparing to announce the discovery of four more.

Earlier this year, the KELT group reported the discovery of KELT-11b, a low-mass gas giant exoplanet orbiting a bright star in the southern sky. The group also helped NASA confirm the existence of Kepler 1647-b, a rare circumbinary exoplanet orbiting two stars, that was discovered by researchers at the Goddard Space Flight Center and San Diego State University using the Kepler Space Telescope.

"We've been incredibly successful," says Pepper, "and very, very lucky."

A TINY DIP IN BRIGHTNESS

KELT is designed to study bright stars located relatively close to the solar system and to record changes in their brightness. For this, it is more important to observe a large number of stars at one time than to observe one star in great detail. Thus, KELT's 2-inch telephoto lens observes a 26-degree swath of the sky at one time and can cover the entire sky in nine different pointings.

By contrast, powerful telescopes are designed to find distant objects and examine them in great detail while observing a much smaller portion of the sky. Thus, the Hubble Telescope, one of the world's largest, would require 20 million pointings to cover the entire sky.

"A tradeoff is involved," says Pepper. "If your telescope has a larger aperture and a narrower field of view, you will see a lot more stars but many of them will be faint. We designed our telescope to match the stars we wanted to probe."

A decrease in a star's brightness, says Pepper, can indicate that it is orbited by one or more planets. The change is minuscule. An exoplanet the size of Jupiter that is transiting its host star—passing between it and the Earth—diminishes the star's brightness by an average of only 1 percent.

Watching the night sky for a slight dip in a star's brightness requires time and patience, says Pepper.

"To find an exoplanet, you have to stare for a long time at a large number of stars until eventually you see a star experiencing a transiting event with dimming caused by the planet crossing in front of the star and blocking its light.

"We measure the brightness of 100,000 stars at once, and take that measurement again and again. That's all our telescope does night after night. It measures the brightness of all the stars over and over again and builds a record. After we collect years of data, we examine the data to see if any dimming has occurred in any of the stars.

"In the past decade or so, we have monitored 5 million stars in this way."

BY JOVE, A HOT JUPITER!

To increase the odds of finding an exoplanet, the KELT team searches for what Pepper calls "hot Jupiters," large planets that orbit close to their host star and dim its light at regular and frequent intervals. All the planets the team has found are gas giants 300 to 1,000 light-years from Earth with outer layers hotter than 1,000 degrees Celsius. All orbit their suns in less than 10 days. (By comparison, Mercury, the planet closest to the sun, has an 88-day revolution.) And all the KELT exoplanets are more than 10 times closer to their suns than is Mercury, which lies 33 million miles distant from the sun.

"Only a small fraction of exoplanets are big enough for us to detect," says Pepper. "Of those, only a small fraction transit in front of their host star and allow us to detect its dimming."

The transit method, or dip as it is also called, is one of two techniques that Pepper's team uses to detect an exoplanet. The other, called the radial velocity technique, aka the wobble, seeks to detect the slight tug that an exoplanet exercises on the star it is orbiting. Both techniques yield information about a planet's orbit. The wobble also allows researchers to measure a planet's mass, while the transit enables them to measure its radius and calculate its volume. By dividing mass by volume, the researchers can determine a planet's densityand its composition.

"Because different materials water, rocks, metal, gases—have different densities," says Pepper, "we can figure out a planet's composition once we know its mass and radius."

By searching for hot Jupiters, Pepper and his team hope to help scientists search for planets that could be habitable or are inhabited. That endeavor, he says, is extraordinarily difficult.

"A planet supporting life as we know it would have to be like the Earth. It would not be orbiting close to its sun and would be much harder for us to detect it and measure its mass, size, orbit and density. The wobble and transit signals from a hot Jupiter, which is much larger and closer to its host star than an Earth-like planet, are much stronger than they would be for an Earth-like planet."

An exoplanet's ability to support life hinges on the composition of its atmosphere. By learning to probe the relatively easy-to-study atmosphere of hot Jupiters discovered by the KELT team, scientists hope to improve their techniques in anticipation of the discovery of Earth-like exoplanets.

"Studying hot Jupiters helps us develop the technique that we will use in 20 or 30 years to measure the atmosphere of an Earth-like exoplanet," says Pepper.



An artist's conception shows exoplanets discovered with NASA's Kepler space observatory

that are located in the habitable zones of their host stars and can thus support liquid water on their surfaces. From left: Kepler-22b, Kepler-69c, Kepler-452b, Kepler-62f, Kepler-186f and Earth. In its relationship with its host star, Kepler-452b (1,400 lightyears from Earth) most closely matches the relationship Earth has with the sun.

TEASING OUT A SLIVER OF LIGHT

To analyze the atmosphere of an exoplanet, scientists take a spectrum of the light beaming unimpeded from the planet's host star. Then they take a spectrum of the much smaller quantity of light coming from the star that is filtered through the atmosphere of a transiting planet. Comparing the two spectra yields clues about the elemental composition of the atmosphere, says Pepper, because elements have different spectral signatures.

"The light from the star changes color when it interacts with the molecules of theplanetary atmosphere," he says. "So we see one spectrum for the light that is coming unfiltered from the star and a different spectrum for the light coming through the planetary atmosphere."

Measuring the differences between those two spectra, says Pepper, is a formidable task.

"In the best possible scenario, for a hot Jupiter, 99 percent of the light we see comes directly from the star, unfiltered. One percent of the light is blocked by the transiting exoplanet. Only 0.01 percent of the light we see represents the atmosphere's spectral signature, that is, it has been filtered by the planet's atmosphere.

"In this scenario, we're trying to disentangle one photon out of every 10,000 that we see and measure a spectrum of light just from that subset of photons."

To take the same measurement for a potentially habitable planet that is much smaller than a hot Jupiter and much further from its host star, the numbers become far more daunting.

"In that case, 99.9 percent of the light we see is coming directly from the star, unfiltered," says Pepper. "About 0.1 percent of the light is being blocked by the transiting exoplanet, and 0.001 percent of the light represents the atmosphere's spectral signature."

Scientists have not yet developed spectroscopy technology that can disentangle the photons from the unfiltered and filtered light streams in this scenario, says Pepper.

In the meantime, the KELT team is continuing the quest for hot Jupiters on which scientists can hone their techniques for analyzing exoplanetary atmospheres.

"The goal of KELT is to discover planets that are good test beds for the techniques that will eventually be used to probe habitable planets," says Pepper.

"We're finding a lot of cool things. Scientists have measured properties for 10 exoplanets and have found carbon dioxide, sodium, water and hydrogen, all of which we expect to find in the atmospheres of giant planets.

A PHOTOMETRIC FOLLOW-UP

On most clear nights, Phillip Reed and his students head to the Kutztown University Observatory to search for exoplanets. Reed, who joined the KELT Follow-Up Network in 2013, earned a Ph.D. in physics from Lehigh in 2008 and is now associate professor of physics and astronomy at Kutztown.

Arriving at the observatory, Reed and his students check KELT's online transit finder. The secure website lists five or six candidate stars with information about each star's brightness and the expected magnitude of a possible exoplanet transit.

The 24-inch Kutztown telescope is valued by the KELT researchers, says Reed, because it contains a sophisticated photometer that can detect an exoplanet while it transits its host star and blocks its light.

"KELT comes up with candidate stars that appear to have something transiting them," says Reed. "We vet these candidates to see if there is a transit when KELT expects there would be one. We look individually at all nearby stars, because if one of them is a binary, it can cause an eclipse of the candidate star, which is the most typical false positive that we see."

A CCD camera inside the Kutztown telescope takes digital images of the candidate stars and transmits them to a computer that displays them as a series of photos. Reed writes computer programs that convert the images to data, charting the star's brightness versus transit time on an x-y graph.

An exoplanetary transit lasts 2 to 5 hours and has five stages—pre-transit, ingress, transit, egress and post-transit. If the Kutztown astronomers are lucky, their nighttime shift will span all five stages and they will collect data showing the star's brightness during each stage as well as baseline data for brightness before and after a transit. Most of the time, however, a transit will begin before darkness or end after daybreak, allowing the astronomers to record only part of the event.

The Kutztown telescope helps determine the size of an exoplanet. When Reed's group gets a positive reading, other members of the Follow-Up Network conduct spectroscopic studies to determine the planet's mass. When size and mass are appropriate, the group can confirm the existence of a new exoplanet. Because of the variety of contributions required, says Reed, KELT researchers use the term co-discovery rather than discovery when announcing new planets.

"No one individual," he says, "can do this alone."

Fifteen Kutztown students have taken part in KELT's research in the past three years, says Reed. One has been listed as a coauthor on a published paper; Reed himself has coauthored several. Thanks to KELT, Reed and a fellow astronomer at Westminster College in Pennsylvania have secured a grant through the National Science Foundation's International Research Experiences for Students program. Four Kutztown students will spend next summer at the Salerno University Observatory in Italy.

"We're having a great time," says Reed. "We've made some good contributions and gotten a lot of opportunities."

FEW EUREKA MOMENTS

As he seeks to shed light on one of the mysteries of the universe, Josh Pepper passes his work days in an ordinary setting—seated at a computer writing programming code to analyze streams of data.

"I'm a data physicist," Pepper says. "Using a telescope has never been a big thrill for me. I spend almost all of my time at the computer. I use a Unix-Linux interface, which is standard for scientists. If you're an academic astronomer today, you spend one-third of your career learning to do programming. You're working on a computer and writing code—hundreds and thousands of lines of code."

The code Pepper writes analyzes the data generated by KELT's follow-up astronomers.

"We examine the results to figure out what we're seeing," he says. "There are very few 'Eureka!' moments in modern astronomy. Instead, astronomers should be prepared for a steady, gradual accumulation of information. It's very boring."

To be a KELT Follow-Up Network astronomer, says Pepper, a person needs a 10- to 16-inch aperture telescope that costs \$5,000 to \$10,000, a computer and related hardware, loads of free time, and the willingness to stay up all night to take observations.

34 | LEHIGH BULLETIN

Pepper (right) with Kutztown astronomer Phillip Reed '08 Ph.D. A CCD camera inside Kutztown's 24inch telescope takes digital images of exoplanetary transits, in which a planet passes in front of its host star, affecting the star's brightness and vielding possible clues about the elemental composition of its atmosphere. If the astronomers and their students are lucky, their nighttime shift will span all five stages of a transit.


"The biggest challenge is learning how to use the software that controls the telescope, takes data and analyzes the data. We provide guidance. You can also take online tutorials through Google or Code Academy."

The KELT amateurs are part of a phenomenon known as citizen science, in which average people contribute their time and talents and use crowdsourcing, email and other online tools to add to humanity's store of knowledge.

"Crowdsourcing is an online tool to discover new exoplanets in existing datasets," says Pepper. "NASA's Kepler satellite, for example, has generated tons of data. This has been examined by professional astronomers, but still there is too much data for one person to analyze in one lifetime. So we use people power to carefully examine some of the data." Another group—Planethunters (planethunters.org)—helps with this data analysis. The vital role played by KELT's amateurs is reflected in the group's published papers, which can contain as many as two or three dozen coauthors.

"Anyone, amateur or professional, who has taken observations can be a coauthor," says Pepper. "Each author has a specialty—operating the telescope, writing code, analyzing data, etc.

"It's like a jigsaw puzzle. All the bits of information combine to give us a fuller picture of exoplanets."

STORY BY KURT PFITZER | PHOTOGRAPHY BY CHRISTA NEU

In 1946, Michael 'Mickey' Yonkovig set his sights on an engineering degree at Lehigh. Nearly 70 years after dropping out, he searched for a way to set things right.

ife seemed full of promise when Michael M. "Mickey" Yonkovig enrolled at Lehigh in the spring semester of 1946.

Yonkovig had just received an honorary discharge from the United States Army Air Corps after flying 23 missions in the Pacific Theater of World War II. Three years earlier, he had graduated seventh in his class at Shamokin High School in eastern Pennsylvania. He was president of his senior class, drum major and clarinetist in the marching band, and the only member of the basketball team recommended by his coach to attend Lehigh.

Now a 20-year-old Lehigh freshman, Yonkovig took up residence in Richards House, set his sights on an engineering degree and began attending classes. But he struggled horribly. For the first time in his life, he could not focus or remember details. Even the names of his closest friends eluded him. After two and a half years, Yonkovig dropped out of Lehigh. He took a job in a meatpacking plant, married and had three children. He held a series of jobs until, in 1963, he became a partner and partowner of Shamokin Packing Co. He retired in 1986.

Throughout his life, Lehigh seldom left Yonkovig's mind. Two thoughts stayed with him. In failing, he told himself, he had let Lehigh down and let himself down. But from the fog of forgetfulness, lessons he had learned at Lehigh re-emerged and helped him succeed later in life. Meanwhile, Yonkovig searched for a way to set right what he had been unable to finish so many years earlier.

"LIFE IS BEAUTY FULL" reads a large poster in the living room of Yonkovig's home in Kulpmont, a few miles from Shamokin. Yonkovig is 91 years old now and twice a widower. His shoulders are slightly hunched and he uses a walker. But his head is full of mostly white hair, he still possesses a rich baritone voice, and when he smiles, which is often, the young man in the U.S. Army Air Corps uniform emerges. Yonkovig grew up in a house three blocks from the Ukrainian Catholic Church that his father and grandfather had helped build. Family, friends and music were also central to his childhood.

"It was a beautiful time to grow up. We had fun on the corner, games outside, playing hide and seek. After Sunday mass, for one year, a man who had played in John Philip Sousa's band came to give us clarinet lessons. And Fred Waring and the Pennsylvanians we used to sit in the front row of his concerts at a resort in the Delaware Water Gap."

Yonkovig was still in high school when he signed up for the Army Air Corps at the urging of his older brother, Danny, who was training to be a pilot. On Aug. 26, 1943, Mickey's 18th birthday, Danny was killed, the single victim of a lightning attack, in North Carolina.

Yonkovig entered the Air Corps in November and was sent to Boca Raton, Florida, for radio school. He excelled and was one of only 13 in his class of 200 who were chosen to go further and attend radar school. He took additional

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training in Seattle and Hawaii before shipping off to the Pacific.

He thought frequently of his mother and father, grieving over Danny's death.

"I was worried about my parents," he says. "So I went to a USO radio studio. I recorded some songs of me singing to make my parents happy. I still have the original vinyl recording."

In the Pacific, Yonkovig was assigned as radar operator to the 867th Bombardment Squadron of the 494th Bombardment Group. Of the 23 missions he flew, 13 were over Japan.

"We were flying at 10,000 feet elevation, 20,000 feet below the plane carrying the bomb. I saw Hiroshima and Nagasaki both."

-Mickey M. Yonkovig



"Our job," he says, "was to hit all the small [Japanese] airfields to prevent their fighter planes from attacking our B-29s."

Yonkovig kept a log of each mission he flew, recording the outcome, the plane's altitude, the weather conditions and other details. For his first mission, over Iwo Jima on Feb. 7, 1945, he wrote: "Bad weather, snow and sleet, lost engine over target and had to throw out all ammunitions."

On another mission, he says, "the plane flying 30 feet behind us was hit directly [by enemy fire]. Its wing flew off and everyone on board was killed."

On Aug. 5, 1945, Yonkovig's plane dropped propaganda leaflets over the city of Takimizu on the island of Kyushu. On Aug. 7, Yonkovig flew over Hiroshima and saw the destruction caused the previous day by the first atomic bomb. Two days later, he flew over Nagasaki when the second bomb was dropped.

"We were flying at 10,000 feet elevation, 20,000 feet below the plane carrying the bomb," Yonkovig says. "I saw Hiroshima and Nagasaki both. I tried to blank out the experiences. They still come back to me. At Nagasaki, I saw stuff fluttering down and thought, 'Oh, my goodness! Within seconds, all those people just became dust.' But I would not be here if [we hadn't dropped the bomb]. The Japanese would never have surrendered."

Yonkovig received his honorable discharge in November, returned home and dove right into Lehigh. "I signed up for electrical engineering because I had been a radar and a radio operator. I really wanted to be able to build things. But when I tried to study—well, I've talked about it a lot with my son [Michael J. Yonkovig, a psychologist], and he believes I definitely had PTSD."

Post-traumatic stress disorder did not enter the medical lexicon until the early 1970s. In the 1940s, says Yonkovig, it was recognized in some World War II veterans, but not all.

"Some of the soldiers who had PTSD were wild and out of control. Me, I looked good. I kept it in. But looking good and having it on your mind are two different things.

"No one knew how to help me. There weren't any counselors or teachers who said, 'Wait one or two years to use your G.I. Bill.' I thought I had to use it right away. But I couldn't study or memorize anything."

Yonkovig's memories of his Lehigh years are spotty. He cannot recall the names of any of his professors and he remembers only one fellow student— William G. Humphreys '49. He enjoyed attending chapel services and hearing the choir perform in Packer Memorial Church.

"The main thing that I do remember," he says, "is walking up and down the hills. I loved the campus and just being a part of it and knowing I had been accepted. In those years, very few kids ever got that chance."

Yonkovig kept records of the grades he earned and he recites them from memory: "In two and a half years, I got two B's, four C's, thirteen D's and thirteen F's." The B's were in an art class and a civil engineering class. Yonkovig still has his art sketchbook and a textbook titled *Problems in Descriptive* *Geometry for Engineers.* "I loved that art class. I did five or six drawings in that class, and I have these in my sketch book. One of them is a painting of a student named Richard Ashbrook. There's another portrait but the person isn't named. And there's one portrait that just says 'Mrs. Caraway.""

After he started his first meatpacking job, Yonkovig says, his memory gradually returned.

"Working with my hands, I started to relax. I went to a meat-packing school in Toledo and I realized, 'I can do this.' The hardest thing for me was to study and remember things. But little by little, I got better."

As he advanced in the industry, Yonkovig relied more and more on some of the skills he had learned—and forgotten—at Lehigh. He drew up the plans for a large addition, helping the Shamokin Packing Co. obtain federal certification for interstate sales. As a result, Shamokin grew into a major

"We are proud to call Mickey Yonkovig a member of the Lehigh family."

-Alice P. Gast, former Lehigh President

company with 140 workers and a fleet of tractor-trailers delivering meat products to every city in the northeastern U.S.

"I was at the plant sometimes for 24 hours," Yonkovig recalls. "I knew my background was engineering, and I wasn't afraid to handle any job. Lehigh helped me a lot; I can't thank it enough."

Yonkovig spoke frequently of Lehigh to his children, but kept his distance from his old school for more than 60 years.

"Since I was a student, I drove there once or twice, I'm not sure if I would...I just didn't feel comfortable, I thought, because I made all those bad marks, something in my mind..."

In July 2013, his son Michael wrote to former Lehigh President Alice P. Gast to ask if Lehigh could help his father "reconnect with Lehigh University in a new way." "My father," Michael wrote, "always talked to me positively about

> the university yet always felt a loss, a pang of regret, about his time there. Any gesture would be appreciated." Gast wrote back expressing gratitude for Mickey Yonkovig's military service. She asked Robert W. Wolfenden, former associate

vice president for alumni relations in the office of advancement, to present Yonkovig with a Lehigh University Alumni Association certificate.

On Nov. 22, 2013, in Packer Memorial Church, Gast presented a Certificate of Attendance to Yonkovig. Two dozen members of his family attended the ceremony.

"For his participation in student life between the spring of 1946 and spring of 1948, for his service to his country, and for always keeping Lehigh so close to his heart," the certificate read, "we are proud to call Mickey Yonkovig a member of the Lehigh family."

The certificate was signed by Wolfenden and Michael J. Connor '80, the president of the Lehigh Alumni Association Board of Directors.

Last summer, Yonkovig visited his old dorm, Richards House, for the first time in more than 65 years. He walked slowly to the corner room on the ground floor and sat for several minutes on the edge of the bed.

"I've got a lot of history," he said finally. "I try to look at everything in a positive way, to stay as positive as possible and don't get stressed.

"To me, to have this tie once again with Lehigh University, it means more than I can say."



FULL CIRCLE

Yonkovig (seated, with Wolfenden to his left) and his family celebrate his return to the Lehigh family in 2013. Opposite: Yonkovig greets a friend during a campus visit in August.

MAPPING HUMAN HISTORY IN THE HEBRIDES

Off Scotland's coast, archaeologists race against time and climate.



BY KURT PFITZER PHOTOGRAPHS BY RACHEL BIDDY



hirty miles or so off the northwest coast of Scotland, a windswept, mostly treeless chain of islands called the Outer Hebrides harbors some of Europe's richest archaeological treasures.

Human beings have inhabited the Outer Hebrides for perhaps 10,000 years, since the end of the Ice Age. Prehistoric hunters and gatherers of the Stone Age gave way to farmers who practiced animal husbandry and horticulture. The Bronze and Iron Ages, the Middle Ages and the modern era brought civilizations that fought and intermingled: Picts, Gaels, Romans, Vikings, Scots and Britons.

Fallen houses and burial mounds, shards of pottery, arrows and farm tools, and other artifacts and structures are the only clues to how these bygone peoples lived, worked, worshiped and buried their dead. Some remnants, like the Callanish Standing Stones erected around a tomb 4,000 years ago, are impossible to miss. But most are buried beneath the peat that covers much of the Hebrides.

For the scientists seeking to piece together a fuller picture of human history on the Hebrides, says Cameron Wesson, time is running out. Many of the archipelago's archaeological sites, he says, lie well below sea level on the coastal machairs the low-lying grassy plains and sand dunes that buffer the islands from the sea.

Over the past several decades, says Wesson, sea waters have risen, overwhelming some of the machairs and encroaching onto the islands. An increase in the frequency and intensity of storms has also eroded the shoreline. As a result, some archaeological sites that once overlooked the water now lie underwater 20 to 30 feet offshore.

In an effort to discover and document artifacts before they are claimed by the Sea of the Hebrides, Wesson, the Lucy G. Moses Distinguished Professor in the Department of Sociology and Anthropology, and archaeologist Niall Sharples of Cardiff University in Wales led a group of students on a four-week expedition last summer.

Twelve students from Lehigh and six from Cardiff took part in the excavation, conducted on Orasay, a tiny, uninhabited island connected by a sandbar to the much larger island of South Uist.



RECOVERING HISTORY Using the laserequipped Total Station (left), the students recorded the exact 3-D position of each artifact they found.

"To be in the field and to dig up something that people haven't seen for hundreds or thousands of years even if it's just a piece of pottery, it's pretty thrilling to be a part of that."

-Karl Schmidt '17

Working eight hours a day in sun and rain, the students spent much of their time sitting or kneeling in trenches, sifting through soil with spades, shovels, trowels and mattocks—hand tools similar to pickaxes that are used for digging and chopping.

With a pencil and a piece of paper, the students sketched drawings of the

rocks and other features in each square meter of their trenches. They also used a 15-pound, battery-operated drone with an ultra-high definition camera to take aerial photos of the sites and a laser-equipped Total Station Surveyor to record the exact position, in 3D, of each artifact they found. The surveyor calculated the density of found items for each square foot of the trenches, and compared the results.

"Thanks to the Total Station," said Karl Schmidt '17, "next year's group can save time because it will already know the location of previous finds and the places where they should start looking first."

Schmidt, an IDEAS (Integrated Degree in Engineering, Arts and Sciences) major, has taken three anthropology courses with Wesson; this was his first dig.

"To be in the field and to dig up something that people haven't seen for hundreds or thousands of years—even it's just a piece of pottery, it's pretty thrilling to be a part of that," he said Schmidt.

Hanna Schulman '19, a double major in finance and accounting, was thrilled to uncover the stem of a smoking pipe engraved with the name David and the number 7. Because of the size of the hole inside the stem, she said, the pipe is estimated to be 300 to 500 years old.

"It may not have been the greatest find," said Schulman, "but it was a real thing I could imagine someone using."

The trip to Orasay was also an eye-opener for Ally Fraser '17, a materials science and engineering major.

"I was really surprised how much I enjoyed archaeology," she said. "I didn't know what to expect. I hadn't taken any anthropology classes before. The professors told us how to hold a trowel, how to dig, how to look for things and tell what's important. Then they threw us into the trenches and told us, 'You're on your own. This trench is your oyster.'



"We learned about history by digging up history."

The other students on the Lehigh team study electrical engineering, mechanical engineering, psychology, and earth and environmental sciences. Two are anthropology majors. Some assigned reading and a yen for international learning were the only prerequisites for the adventure, which counted for six academic credits.

his was a very eclectic group," said Wesson. "Each student brought a different perspective. I want future businesspeople, lawyers and doctors to understand why it's important to learn about the past and to be good informed citizens."

The idea for the Orasay expedition took shape in 2013, when Wesson received a grant from the international affairs office to explore research connections overseas. Wesson contacted Sharples, who is an expert in the archaeology of the Hebrides and the Shetland Islands. The two met in Wales to discuss the possibility of a summer archaeological camp and settled finally on the Outer Hebrides.

The Mellon Digital Humanities Initiative in the College of Arts and Sciences provided funding for the drone and the iPad that operated it, and for a 3D camera to record and digitize artifacts. The Lehigh students are making a documentary film and plan to give a presentation about the project this fall at the Steel Stacks.

On Orasay, the Lehigh-Cardiff team excavated four separate sites between the machairs and a low-lying boggy area. In four weeks of digging, they uncov-

THE DAILY ROUTINE



A bus picked the Lehigh students up from their dormitories at the University of the Highlands and Islands on South Uist. By 8:30, the team had taken their positions on the island of Orasay.



Work in the trenches was broken up by a half-hour lunch at 1 p.m. and 15-minute tea breaks at 11 a.m. and 3:30 p.m. A designated "tea master" left the site 30 minutes before each break to boil water and set up tables with milk, sugar and cookies. "Tea was sacred, especially for the British students," said Fraser. "They would sprint across the sandbar to get to tea."



At 5 p.m., the students stowed their tools and boarded the bus for home.

ON THE WEATHER

Temperatures seldom exceeded 60, and the North Atlantic wind was steady at 20 to 40 mph. Rain often forced the students to wear water gear. When the tide rose, it covered the sandbar connecting Orasay to South Uist.

Occasionally, the sheer wonder of the scenery interfered. "The entire island was green," said Schulman. "Out on the ocean, the water was the purest, darkest blue. Closer in, it was turquoise and along the shore it was clear. The colors didn't blend; it was as if there was a line separating them.

"Sometimes we'd just stop and watch and say to each other, 'This makes the rain worthwhile.'"

WHEN IN ROME



Touring the City

Before they arrived on South Uist, the students spent a week playing tourist and adjusting to the changes in time and clime. They passed three days in Edinburgh, the capital, and three more in Glasgow, Scotland's largest city. They visited the Stirling Castle and the Edinburgh Castle.



City of the Dead

One evening the group joined a City of the Dead tour of the cemetery at Greyfriars Kirkyard and descended into the catacombs beneath Edinburgh that were excavated in 1985. The next morning they drove to the Scottish Highlands and Loch Ness.



On South Uist

The students encountered changes in culture and cuisine. They developed a taste for Chicken Tiki Masala, a creamy Scottish variation on an Indian curry dish. But only one or two dared try Scotland's national dish—a pudding called haggis made of oats, spices and sheep's innards.





ered evidence of more than 5,000 years of human habitation, spanning the Neolithic age to the 19th century and including fragments of arrowheads, tools and pottery.

"Our best find," said Wesson, "was a late Iron Age house whose shape, size and construction are found in only one other house on all the Hebrides. During that time period, most houses were rectilinear or square in shape. Our house is circular with side chambers off the main area.

"There are other circular houses, but ours has the unique shape of a kidney bean with an entrance and side chamber that are different. We're not sure if the side chamber was for cooking or something else."

The group also continued digging at Dun Vulan, a broch circled by 30-foot-high stone edifices that Sharples partially excavated more than 20 years ago. A broch is a massive, hollow-walled, Iron Age stone structure found only in Scotland.

"Dun Vulan is an amazing structure," Wesson wrote in his

"Some pottery pieces were topped with ceramics from the 1700s and with bottles and other debris littered there in recent years." expedition blog, "but it is poised right along the sea coast and has been damaged by coastal erosion. We [want] to try and recover as much information as possible about the broch before it disappears completely."

The archaeologists also began excavating several Neolithic Age cairns, or circular mounds of stones that hold monuments to the dead. The larger sizes of some of the cairns, said Wesson, could

-Cameron Wesson

reflect the importance of the person buried within or the size of the community—with more people, more hands could be enlisted to pile rocks.

"We found Neolithic pottery near two of the cairns," Wesson said. "Some pottery pieces were topped with ceramics from the 1700s and with bottles and other debris littered there in recent years."

In another find, the group uncovered field rows and standing stone walls just beneath the surface of the earth. These dated from the 18th century, said Wesson, and showed how people marked the land to indicate who owned which plots. Some of these people were "kelpers" who gathered kelp from the sea and dried and burned it for fuel.

The United Kingdom's antiquities laws require archaeological artifacts to remain in the UK, said Wesson, so the artifacts that the group found will stay in Scotland to be studied by Scottish archaeologists.

"We did not bring any artifacts to Lehigh, but we're going to print 3D images of them with a 3D printer to do further studies," he said.

If he can secure funding, Wesson hopes to take a second group of Lehigh students back to the Outer Hebrides next summer. More excavating remains to be done at Dun Vulan, and further study is needed to determine if the side chamber of the kidney bean-shaped Iron Age house was used for cooking or something else.

"The summer camp in Scotland will continue as long as there is student interest, as long as my knees hold out, and as long as the Scots let us."



Bringing Lehigh to You

THERE'S NOTHING LIKE Lehigh's First-Year Student Rally. I attended my first one at the start of the Fall 2016 semester, and I was awestruck: It's an alumni director's dream! A thousand-plus new students in their not-washed-yet brown t-shirts, crammed into Grace Hall, bombarded with music and class flags, surrounded by enthusiastic alumni and staff, getting their first taste of what it means to be part of the Lehigh family. You've all experienced it you remember that magic, right?

This year, nearly 1,000 of you relived that Rally experience via a live computer broadcast, aka livestream. Of course it's not exactly the same (you were probably sitting comfortably on your couch in your air-conditioned home vs. on the backless bleachers with a makeshift fan) but even virtually, you could probably sense the excitement and anticipation of the newest members of our family. I also hope you all stood and sang the alma mater with us?! (If not, sing it now... "Where the Lehigh's rocky rapids...")

We offered the livestream because Alumni Relations' vision, in partnership with the Lehigh University Alumni Association (LUAA), is to inspire you to give back to Lehigh—either donating money, offering advice, being an advocate for higher education and Lehigh, and/or helping to nurture the 80,000-strong alumni network. Traditionally, we've done that by putting a lot of energy into producing in-person events such as Reunion, Back to the Classroom, Founders Day, the Rivalry, etc. that bring you back to Bethlehem. And hundreds of you do come back! Even more participate in regional events, many produced by our fantastic regional clubs and affinity groups. But for the 90 percent who don't attend events in person, we're working on more digital ways to bring the campus to you and inspire you, much like with the Rally and our Mountain Talk webinars featuring rock-star faculty and alumni, our LUAA's Facebook posts, and President Simon's Instagram.

In addition to those tactics, I'm also interested in learning how you connect with Lehigh and your Lehigh friends outside of an "official" alumni event or activity. I've met several hundred alumni in my eight months here, and it sounds like many of you come back to the area for work or fun, to attend weddings and minireunions with sorority sisters or teammates, or to show your kids or partners around our beautiful campus.

When you do come to Bethlehem, or if you arrange gatherings with your Lehigh friends in further-flung cities, my staff, LUAA Board Members and I would love to meet you and chat about how we can make Lehigh activities—digital and in-person—more relevant to you and perhaps get you involved in ways that fit your lifestyle. We're also eager to hear your thoughts on Lehigh's vision for the future. Please contact me or any LUAA Board member (go.lehigh.edu/luaadirectors) to share your feedback.

Sincerely,

Jennifer Cunningham, Assistant Vice President for Alumni Relations Follow me on Twitter @jenlynham Email me at Jennifer.Cunningham@Lehigh.edu

SPOTLIGHT

ALUMNI EVENTS

All alumni, parents, and friends are welcome at Lehigh events. Find the complete calendar online anytime at **mylehigh. lehigh.edu/events**.

C.J. SWEET 16 TOUR Nationally through

April 2017 Join Lehigh friends and fellow alumnus C.J. McCollum as he and his Trailblazer teammates take on teams across the nation. mylehigh.lehigh.edu/ CJsweet16

LEHIGH@NASDAQ CENTER LAUNCH

Jan. 10, 2017 San Francisco, California Celebrate Lehigh's new partnership with the Nasdaq Entrepreneurial Center, dedicated to the advancement of the entrepreneurial spirit and skill sets of students in any discipline. mylehigh.lehigh.edu/ nasdaqlaunch

REUNION

May 19–21, 2017 All alumni and friends are invited to join classmates celebrating milestone reunions for a weekend of festivities. mylehigh.lehigh.edu/ reunion

Plus, check out our Mountaintalk webinar series at **mylehigh.lehigh. edu/mountaintalks** for insights from alumni and faculty.



Carrying the Torch in Cape May

THE BREEZY, WELCOMING PORCH of The Virginia Hotel in the historic seaside city of Cape May, New Jersey, is a far cry from a law office, which is where Jordan Rowan '12 initially thought he'd find himself upon graduating from Lehigh. Instead, as The Virginia's general manager, Rowan greets guests on the porch and within the 24room hotel situated in a landmark building a half-block from the beach.

Unaware of the path he'd eventually take, Rowan, a self-described "people person," interned at a law firm the summer after his first year at Lehigh.

"I loved that opportunity and had a lot of fun that summer," he says. "And I totally realized that I didn't want to do law."

Rowan, who double-majored in political science and sociology/anthropology, returned to campus and to courses he says pushed him to think critically while expanding his creative and persuasive writing abilities. He learned to present an argument, communicate his thoughts and effectively resolve issues. These skills serve him well at The Virginia.

At the hotel, Rowan says, communication and compromise are critical: "I have to provide resolutions and persuade guests that the resolution is good for them and good for us. ... I write responses to guests and post responses on TripAdvisor. I have to be very diplomatic and aware of my audience."

It's an audience with which Rowan is acutely familiar. He has worked in customer service since he was 14, beginning with a job as a dishwasher. At Lehigh he worked briefly at the Goosey Gander and for four years as a house assistant at the Zoellner Arts Center. In the summer following his sophomore year, Rowan headed to Cape May, where his parents own a home, and worked as a banquet server at Congress Hall, America's oldest seaside resort. The next summer he returned to Congress Hall and had the opportunity to take on a management role for weddings and other events.

"I found that I loved management," Rowan says. "I seemed to have a knack for it."

He approached the resort's general manager about opportunities after graduation and was hired as the manager of the pool and beach department for the following summer. When the summer season and that particular contract came to an end, Rowan was asked to stay on, this time as manager of the resort's restaurant, the Blue Pig Tavern. Four years later, at the age of 26, he's managing The Virginia, another property of parent company Cape Resorts. The youngest general manager in the company's history, Rowan takes his role seriously.

"We get so many people coming here to celebrate a special occasion and it's such an honor to be trusted with that," he says. "People work all year to be able to come here for a week. ... The Virginia has a long tradition and history and legacy, and I'm happy to carry on that torch."

Another torch Rowan carries is for a certain South Bethlehem institution:

"Even being here, getting an opportunity to really see some of the highest ends of the industry and eat great food and work with great chefs and hoteliers, the best sandwich in the world is still at the Goosey Gander," he says with a grin.



Maintaining an Orderly Market

ON JUNE 23, AFTER BRITAIN voted to leave the European Union, Stacey Cunningham '96 stayed up most of the night reassuring nervous Wall Street traders, money managers and regulators, many of whom believed the surprising "Brexit" vote would have an adverse effect on the U.S. equities market.

Just one year earlier, Cunningham had been appointed chief operating officer of the New York Stock Exchange Group. Now, as Britain's choice became clear, she worked the phones to explain NYSE's plans to ensure an orderly market opening the following morning.

Her efforts paid off. On June 24, the market fell about 600 points in heavy volume, but trading was mostly orderly.

"We spent a lot of time over the last 10 months looking at where things could be improved," Cunningham told the financial media the day after Brexit. "We got the benefit today."

Cunningham credits her Lehigh industrial engineering degree for her ability to think through complex problems. She says her journey from engineering to the stock market began during a summer internship on the floor of the NYSE.

"I started off as a trading assistant, at what was then known as a specialist firm making markets in securities that were listed on the NYSE. I fell in love with it almost immediately and knew what I wanted to do.

"I spent about 10 years as a trader, matching buyers and sellers in securities for companies such as Hershey Foods, Ethan Allen Furniture and Federated Department Stores."

Cunningham then moved to Nasdaq to run a sales team that aimed to increase trading. She returned to NYSE in 2012, ten days before Intercontinental Exchange (ICE) announced plans to acquire NYSE.

"I joined the sales team at NYSE," she says, "[and] I focused on what I could contribute. The ICE deal closed a year later, and I stepped into the role of NYSE Head of Sales and Relationship Management."

Last February, Cunningham supervised the introduction of NYSE Pillar, a new trading technology platform. Pillar allows customers to interact with the stock exchange using the same technology and a single API (application program interface) across all of NYSE's markets.

Above the desk in Cunningham's office hangs a framed certificate from 2000 that shows her trading seat on the NYSE floor.

"When I look at my evolution," she says, "I had three defining stints—the engineering education, the trading floor and the years focused on sales and client relationships. As COO at the NYSE, I put all three together."—*Weld Royal '88*

A *Chopped* Champion

MATTHEW ARLINGTON '06 HAS always loved cooking. Even when he studied marketing at Lehigh, he read cookbooks in his free time. His passion for cooking led him to win the \$10,000 prize on *Chopped*, a popular cooking competition show on the Food Network.

"I joke with my friends from Lehigh that I got my start cooking in the kitchen at Chi Psi," said Arlington. "All the guys in the fraternity would line up outside my door when they got hungry."

In the final round of the episode, Arlington opened his basket to find jalebi, sweet and spicy cocktail sugar, habichuelas con dulce and roasted red peppers. These ingredients were the only things standing in his way to becoming a *Chopped* Champion. Out of them, in the last 30 minutes of the competition, Arlington created a chocolate chili rice pudding with sweet and spicy churros. This dessert propelled him to victory.

After graduating from Lehigh, Arlington worked in advertising until he decided his true passion was cooking. He left advertising to go to the Culinary Institute of America in New York.

Arlington has worked as a chef at two restaurants in New York, and he plans to open a funky gastropub named Union Hall in Hoboken, N.J., where he will act as partner and executive chef.

The episode aired Aug. 21. —*Margaret Burnett '17*





An Auto Clinic Where Girls Rule

PATRICE BANKS IS STANDING BEHIND a table strewn with an assortment of car parts rusty rotors, worn brake pads, dirty filters and frayed timing belts—at the edge of an oil-stained parking lot of an auto parts and service store outside Philadelphia.

Listening attentively and taking notes, a dozen women and one man who have signed up for her monthly Girls Auto Clinic stand in a half-ring in front of Banks. "They'll upsell you on everything," Banks says about car mechanics and dealers. "They bank on us being uneducated consumers."

There are murmurs, a few heads nod. A woman says a mechanic told her she needed a new catalytic converter. She shelled out \$1,200, she says, "and it still did the same thing." Banks asks her several questions about the car's problem.

"I can tell you it wasn't the catalytic converter," Banks says.

She should know.

Banks, a 2002 Lehigh materials science and engineering graduate, is also a certified mechanic. She now stands on the precipice of success. Investors are talking to her about taking Girls Auto Clinics national with franchises. The self-published auto repair guide that Banks wrote for clinic participants has been picked up by Touchstone Books, an imprint of Simon & Schuster.

Since launching Girls Auto Clinic in the Philadelphia area two years ago, Banks has gotten a flurry of media coverage, including *O* magazine in July. She garnered attention after she wrote an op-ed piece for *The Washington Post* about quitting her six-figure job at DuPont to launch the women-only clinics, which she views as a way to empower women.

She is also finally about to realize her dream of opening an all-female auto repair shop in Upper Darby, outside Philadelphia. When completed, it will be staffed by women mechanics and include a nail salon and a place for children to play.

Banks says she was once like the women who attend her clinics, one of the millions of women who know nothing about their cars. Even with an engineering degree, she didn't know how to pop the hood on her car. She panicked when a dashboard light appeared. A trip to the mechanic made her feel powerless and vulnerable—she didn't know whether they were telling her the truth about her car.

"I felt like I needed a guy to help me," she says.

So how did this Lehigh engineering graduate get here?

By any measure, Banks was already a success. The first in her family to graduate from high school and college, she landed a high-paying job at DuPont running her own lab as a failure analyst.

But the road to achieving those successes was anything but guaranteed.

Banks faced challenges growing up poor and biracial in predominantly white, blue-collar Phoenixville, about 30 miles west of Philadelphia. The daughter of a single mother, Banks looked to school and the stable influence of her grandfather, who would often help her family buy food and drive them because her family didn't own a car. Her mother, who worked various jobs as a line cook, factory worker and secretary, told her education was the ticket to a better life.

"Life was kind of chaotic and I wanted to fix things, whether people or broken electronics," Banks says. "I wanted to make things better or make things work. I think that ultimately pushed me into engineering."

Banks was an AP and honors student at Phoenixville High School, where she excelled in math and science. She liked solving problems. For a while, she considered studying psychology, but her mother suggested engineering because she liked science.

"I didn't know what engineering was," she says.

She would soon learn. Banks recalls the time as a sophomore she spent a day shadowing an industrial engineer. He was African American and he would serve as a role model for the kinds of occupations to which she could aspire. Wearing a hard hat and safety glasses, Banks watched as the man sold equipment to mid-sized businesses that made a variety of machinery.

"I was like, I can do this. It was helping people solve their problem. I was just drawn to that. That's when I said I'm going be an engineer," Banks says.

Banks applied to Drexel University to study engineering, but at the last minute, her guidance counselor suggested she consider Lehigh. Banks was invited to attend an event that weekend at Lehigh for prospective minority students. She had never left Phoenixville, but she dropped everything to attend.

Her grandfather drove her to Bethlehem, and the weekend at Lehigh turned out to be a revelation, she says. For the first time in her life, she was among dozens of students just like her who were passionate about learning. She went to parties where people talked about poetry and sang. And she marveled at the campus's bucolic beauty.

From that point, she knew she wanted to go to Lehigh.

"I got a huge grant. It was \$32,000. My mom had never made \$32,000 in her life," she says. "They believed in me. I was going to be an engineer."

At Lehigh, Banks initially chose to major in chemical engineering "because they make the most money out of college," she says.

"When you're poor growing up, your main goal is to make money and buy things you need."

But she couldn't forget Professor Richard Vinci's presentation about materials science in Engineering 101, a class where prospective majors learn about the specialties.

"He had amazing examples. He talked about materials and how they affect our everyday lives," she says.

One month into her chemical engineering major, Banks switched her major to materials science and never regretted it.

When she graduated, she had a job waiting for her at DuPont in Wilmington, Del. At DuPont she ran a lab where she determined the root causes of breakdowns in materials and calculated the cost of repair-



ing them. But after six years, she became restless, tiring of corporate life and the long hours. She wanted to do something else, something of her own.

Banks says she hadn't set out to disrupt the male-dominated auto repair industry, but wanted to do something to empower women. She hit on the idea of starting an all-female auto repair shop while scouting for ideas on her blog. She asked women what skill they most wanted to have but had to pay a man to do.

The overwhelming response: car repair.

Just as she had been trained to do as a failure analyst, Banks located the root cause of failure in the auto repair industry—a lack of women working in the field and found a solution.

Car repair is a "pain point" for women, she says, borrowing a term used in business. And it was one that resonated with her, too. The auto industry has not traditionally been a culture that welcomed women, she says.

"I just saw an incredible opportunity that could change an industry," Banks says.

Banks encountered a major hurdle on the way to executing her idea of starting an all-female auto repair shop: "I couldn't find a female mechanic near me. I couldn't find anyone." If she wanted female mechanics, she realized she'd have to become one herself and then teach others. While still working at DuPont, Banks enrolled at Delaware Technical Community College and took classes at night.

Barriers persisted.

After Banks graduated, she was turned down three times by mechanic shops, even when she told them she could offer expertise in engineering and business and would work for free.

"Imagine a 25-year-old woman with a child without all this experience," Banks says. "People think we're too cute or don't want to get our hands dirty."

Nearly two hours have elapsed as the Girls Auto Clinic heads into its final stretch. Banks, her hands filthy, shows the group how to clean the dipstick to check their car's oil level.

One of the women admits that until today, she, too, didn't know how to pop the hood on her car. But like others, she feels no shame today. Banks has created a safe environment.

The clinic has concluded and Banks stops to pause and reflect.

"I knew I'd have a business that was going to reach as many women as possible," she says. "I never dreamed it would have this type of attraction."—*Wendy Solomon*

LEHIGH DISPATCH

Editor's note: Welcome to Lehigh Dispatch, where you can find out what your fellow alums are up to. Thanks to our dedicated correspondents for the work you do to keep our extended Lehigh community together. Please send Class Notes to <u>classnotes@</u> <u>lehigh.edu</u>.

24 Chuck Carter, ccarter412@ verizon.net

24.2^{Editor's note:} To share your news or if you would be interested in becoming your class's correspondent, reaching out to classmates, and writing a column three times a year, please contact the Alumni Office at 610-758-5268.

243^{Phil Varricchio,} (610) 432-1901 Les Titlow, lestertitlow@aol.com

24 4 Ted Heck, 1064 Lindsay Lane, Rydal, PA 19046. (215) 884-8843; tedheck@ comcast.net

245^{Editor's note:} To share your news or if you would be interested in becoming your class's correspondent, reaching out to classmates, and writing a column three times a year, please contact the Alumni Office at 610-758-5268.

Part 6 Dick MacAdams, 7066 Edinburgh Drive, Lambertville, MI 48144. (734) 856-1097 (H); macadams@bex.net This column is dedicated to the memory of one of our Class of '46 stalwarts who, regrettably, died this past July 3, **Ralph S. Graber**. He now joins **Chuck Hafner, Jack Turner, John Gehr,** and **Max Stettner** (members of the 50th Reunion

Committee) in heaven planning to greet we '46ers who remain.

Ralph, 91, passed away in his home in Allentown, Pa. A Phi Beta Kappa recipient, Ralph subsequently received an M.A. degree (1948) from Lehigh and a Ph.D. (1959) from Penn. He taught at Lehigh from 1946 until 1951 and at Cedar Crest College until 1953. He then joined the faculty at Muhlenberg College, where he taught for 36 years, retiring as the English department head.

He and I remained close friends over the years and shared a high regard for the Pennsylvania Dutch, along with Paul Kunkel '50. We shared much amusement with their way of speaking, plus a great love of shoo-fly pie!

Ever the linguist, Ralph sent me a clever little item concerning "the importance of the Letter E." I never found the opportune time to include it in a column, until now:

"Of all the letters in our alphabet, the letter 'e' is the most fortunate or unfortunate, depending on whether it is considered with an optimistic or pessimistic attitude.

"For example, to a pessimist it is a most unfortunate letter because it is always out of cash, always in danger, torment, misery and distress, and ends up in hate. It is absent in pity, compassion, sympathy or any form of charity.

"The pessimist interested in sports will never find the letter 'e' in bowling, fishing, golf, on the ski tramway or in a sailboat.

"On a more optimistic note, however, it is never in a war, always in peace, it is the beginning of existence, and the end of trouble. Without it there would be no life or heaven...or hell. It is the center of honesty, and always in love.

"Our letter 'e' is the beginning of encouragement and the end of failure. You will find the letter 'e' in the midst of friends and neighbors, without it home would not be complete.

"It is never found in injury, pain, fatality, doctor or hospital, but is forever present in health, wealth, happiness, wife, children, relatives and wedding bells.

"And although the letter 'e' is forever in debt and never in optimistic, it is appropriate to conclude this treatise on an encouraging note...it's the beginning of the end."

Clever guy, nice guy, R.I.P. Ralph.

En avant!

2477 *Edward C. Luckenbach, 459 Passaic Ave., Cottage 508, West Caldwell, NJ 07006. (973) 227-3723 (H); E.Luckenbach@verizon.net* Hi fellows. I called the Alumni Office and got a list of those of us who are still active. There are only 16 guys on the list they gave me. And I called a few.

Frank McGrath is now living in Connecticut in a residential community by a lake. After graduating he was employed by Exxon and its affiliates. First in the Bayway Refinery in Linden, N.J., and then in Venezuela in the Amuay Bay Refinery for nine years and Lake Maracaibo production area for 17 years. He retired with 35 years of service. He still plays a bit of golf and sounds very good on the phone.

Don Franklin now lives in Florida, but had been in Connecticut. He graduated from the business school and went into financial activities. He seems quite active playing golf, but he misses his tennis. He was a Pi Lamb. In World War II, he was a forward artillery observer with Patton's Third Army in the Battle of the Bulge. He thought Patton was a remarkable general.

Richard Heilman graduated as a mechanical engineer and got his master's via Ingersoll Rand, which was instrumental in starting a night school at Lehigh. At Ingersoll Rand he participated in the development of the rocket motors which $controlled \ the \ landing \ of \ the$ first lunar landing vehicle. He also followed the actual landing in the space center in Pasadena, Calif. Following this, he worked with Inflight Motion Pictures developing the screens used in 747s and Air France's planes. Following that, he worked for Valcor developing pumps that are used in nuclear power stations in England, Spain and elsewhere. At present he is involved with golf, Boy Scouts and good food.

I find it encouraging that all these guys still enjoy golf. I try a little myself, but have lost all my distance.

I'm sad to note that **John Harry Brindle**, formerly of Pittsburgh, Pa., and Duffield, England, passed away in 2015. At Lehigh, he was president of his sophomore class and a Phi Gam. During World War II, he was an ensign in the Navy serving on a tanker in the Pacific. After Lehigh, he was affiliated with the steel industry companies. He retired as managing director of the UK group of Salem Engineering.

On a lighter note, I hope you all have planted crab grass everywhere so as to reduce the CO2 in your local area. Better yet, plant trees everywhere in order to do the same. I understand there is one species of tree in Hawaii that has C4 chlorophyll in the leaves. And this is many times more efficient in removing CO2 than the C3 chlorophyll in 95 percent of the world's vegetation. Maybe you could plant some of these here in the U.S.

I also note that 80 percent of New Zealand was covered with trees before the Maori reached there in about 1230. And now it is only 20 percent covered. Logging had been a big industry. I'm sure that this has affected the climate. But in regard to climate change, I think that fresh water conservation and availability is a more pressing problem than CO2.

The following are names of our classmates still identified by the Alumni Office as being around. If you wish to contact any of them, drop me a line. Robert Arnold, Ralph Bartlett, Donald Franklin, **Richard Heilman**. Frank McGrath, William Miller, Joseph O'Keefe, William **Oldach, Myron Pomerantz,** Arthur Ross, Frederick Spencer, Frederick Stocker, John Tirrell, Kenneth Whitney, and Herbert Wylie. Also let me know if you are missing from the list. Stay healthy!!

24.8 Editor's note: Walt West, who filled this space with news of his classmates and stories of his adventures for many years, died on March 13, 2016. He was an incredibly devoted correspondent and had held every position of class leadership over many years of service to the university. He received the Alumni Award in 2008 for that dedication. Please see the In Remembrance section for more information about Walt. His words and humor will be missed in this space.

249 Bob Macauley, 10 Hitchcock Rd, Westport, CT 06880. (203) 226-5839 (H); Bobmacau leyLU49@optonline.net Greetings from the HOT, wet, dry, often, but not recently, temperate Northeast.

I have spoken to President **Mark Parseghian**, who is apparently doing nicely, but not driving yet, and to **Bill Hahn**, who is still driving but slowing down some. A letter to **Bob Hicks** has not been answered.

My leftover stroke damage pain continues, but fortunately it's not physically inhibiting. So, for Father's Day I rewarded myself with a new vehicular toy. If you recall, I had previously mentioned that my then-current transport would move with alacrity and ease at a governed 155 MPH-(but not with me driving). The new toy is governed for 170 MPH-(again, probably not with me driving). My pleasure is that these cars acquire turnpike speeds and more, very rapidly. Fortunately, I'm still able to play golf fairly successfully but, oh, the lack of distance.

Letters from two of our classmates are hereby quoted directly and in full. The first is from **Bruce Conlin** (1813 World Street, Wall Township, NJ 07719).

"Dear Bob, I enjoy your '49 columns. After my discharge from the Army Signal Corps, my graduation was delayed until June 1949 by not going to school in the summer. I wanted to work. While at Lehigh I worked in the ME office. T.T. Holme was very busy developing the IE department. My grandfather was the last mayor of South Bethlehem before the merger with Bethlehem. He lived on E. Market St., later the home of Pop Klein, the head of the ME department. I worked at Johns Manville Corp., General Aniline + Film Corp. before working with ASME in NYC and Washington, D.C."

The second letter is from John Traise, (1181 S. Sumter Blvd., #115, North Port, FL 34287. Ph/Cel 941.483.0271, email jet9028@gmail.com).

"In the last Alumni Bulletin, I noticed **Pete Fenger**'s name. Here's another story of fellow '49er, Pete Fenger and myself.

"Two years after graduation (it seems now like only a couple of months or so!), I was in the Army, where I was assigned to Tracked Vehicle Proof and Development at Aberdeen Proving Ground. I had my car on base, when one day, a fellow GI named Jay Milligan noticed that my car carried a Buffalo license plate, and he contacted me. That first contact in 1952 between Jay and myself was to become the start of a very close personal friendship that has lasted to this day. The common thread between us started following that chance meeting, with an antique car; a 1924 Plain Jane Ford Model T, which he had at Aberdeen and which we restored there (believe it or not!). Jay still has that Model T today, that is part of a beautiful collection at his garage and museum in Hamburg, N.Y.

"Now enter Lehigh '49er, Pete Fenger. Both Pete Fenger and Jay Milligan live in Hamburg. Pete also has a passion for old cars and restoration, so Jay and Pete also now share many common interests which go back many years.

"And now fast forward to 2015. Jay and Pete both have lived in Hamburg since Day 1, and share many 'good ol' boy doings.' One 'doing' that Pete shares with his friends is a Tuesday Noon Luncheon, an 'ad hoc' tradition, the communion being made up from a (highly variable!) group of 15 or 20 informally organized members living in the area. Together among them and whoever among them is available they meet to talk and take nourishment, every Tuesday morning!

"And here I am on a summer Tuesday last year, in Buffalo where I'm visiting. I'm living in Florida now and I'm only in Buffalo to visit my daughter who lives in Williamsville, N.Y., and to visit my friend, Jay, who lives in Hamburg. So while catching up on the goings-on between us, Jay has me go with him as a guest, to his regular Tuesday lunch where he and his local group of fellow buddies meet regularly. We went on that Tuesday morning, all went well indeed, and lunch was good. But now, GET THIS! Jay, of course, introduces me all around to the lunchtime gang. I recall that on that day, the lunch table had about 10 or so, and Pete Fenger was one of them! At first, I didn't associate Pete with Lehigh, and Pete, at first returned the non-association of me with Lehigh. But as we started talking, Pete recognized me first.

"Here we are, us two old 'Roosters' of a common Lehigh thread! WE both went to Lehigh, WE were both in the same class, and both of us at the same time, we were both in Engineering! We then, together, began to easily recall many common threads at that chance gathering!

"NOW WAS THIS A ONE-IN-A-MILLION COINCI-DENCE OR NOT??!

"This chance meeting brought two old classmates together after some 65 years or so! We remembered and talked a bit that day and for that few minutes we spent together, it seemed as though we'd always been there! I said to Pete and Jay that the luncheon gang should adopt the informal moniker (or formal, for that matter) and call themselves, 'The Exhausted Roosters.' As far as I know to date, they have not!

"So much for Pete Fenger and myself.

"AND NOW, LET ME WAN-DER:...The common thread in that Class of '49 back then was to graduate and get into the working world. I never thought too much back then about keeping connected to Lehigh, and now I admit that inside me today is a load of guilt for not participating in alumni functions, for not returning some of what Lehigh has given me over the last 67 years or so, and for not bonding more closely with former classmates that I was so close to then.

"I want everyone, not only of my generation, but also right down to the current generation of undergraduates, to know how I reminisce, this late in my life, with the wisdom and mellowing that comes so soon to us all. Those four years or more that were spent, at Lehigh, whether you knew it at the time or not, will become a lifetime treasure. Fondly, and often now, I recall those days of repetitively going back and forth, with Packard Hall, right along the main campus entrance in the middle of New Street, and my up and down commute, climbing that hill from Packard or Fritz to Taylor, or going down to Alex and Junior's 'Lehigh Lunch,' where about 200 or so of Alex Kozar's regulars' meal tickets hang on the wall behind the cash register.

"I recall I surely didn't like that vertical ascent from down below to the entrance to Sayre Park at the time! And how well I remember Carother's lectures on Economics in Packard, stating emphatically that Engineering undergrads were the only ones in the world that could add two and two and get 3.98! And 'Pop' Stuart trying (more or less successfully!) to teach the laws of Thermo. And Bewley berating us mechanical guys. And Tremblay berating toothpaste manufacturers. And on and on!

"I lived my entire tenure at Lehigh in Taylor Hall. And there, in my third floor room, in addition to academic pursuit and sleeping, I had a clandestine fully equipped photographic studio and processing facility. At that time, it was my meal ticket that paid full tuition and costs of textbooks and living expenses! Photography was my thing, and I was doing a lot of extracurricular campus work, also photography work for the Brown and White and even as a part-time photographer for the Bethlehem Globe-Times.

"Girlfriends? I didn't know what a girl was! That was one thing Lehigh never taught me!

"Through all this, plus working fanatically in my final year with Ralph Schwarz on the '49 Music Festival. Somehow or another, I really did graduate with the class of '49, as a fledgling innocent youngster with a B.S. in Mechanical Engineering. I didn't have a paying job or even a prospect of one on that day in June '49, but the winds of war with Korea plus that M.E. degree from Lehigh finally helped me to a start with Chevrolet. Chevrolet had restored the WWII plant in Tonawanda, N.Y., where they built so many P&W Engines for B-17 bombers, now being newly restored to making Wright Turbo Compound Engines for B29's. But wow!... that Chevrolet career ended abruptly on the day when Boeing discovered how to build and hang a turbojet engine on the wing of a new bomber called the B-52! But then, through several loops and turns, I settled into a satisfying career with Moore Business Forms, primarily in Press and Office Equipment development, until retiring.

"So now, memories are surely one of the best parts of what's left to us in our twilight years. All in all, it's been a pretty good ride, I only wish now that I had been better in being a more hands-on and loyal participant in the fabulous development of the Lehigh campus and the innovating future being pioneered at Lehigh. Lehigh has been very loyal to me!

"George Burns has a song he did on TV called 'Old Bones.' HOW TRUE! Guaranteed to bring tears to the eyes of the most macho of any of us!"

Thanks, Bruce and John. That's exactly what we need for the column!

Now for the usual agricultural report, for which I'm sure you couldn't wait. In the last Bulletin, I wrote that I was a little concerned that I may have planted too early. Fortunately, not so. I have over 40 tomatoes: about a dozen have already been eaten. There's nothing like a fresh-picked, ripe tomato. The bushes, plants and flowers have done wonderfully well (with constant watering). Except for two rhododendrons which are not thriving. Otherwise, the property is lush.

But for the two letters above. this would not have been much of a column. If you readers, and there are apparently some, want this to be a "newsy" column, please contribute. I can probably amuse you somewhat, but the column should be about our class, not about me writing about my speed fetish and tomatoes. Consequently, five names are picked in hopes that all, or some, will contribute to our next column. Lionel Adda, Jack Akerboom, William Alexander, Howard Applegate and Ernest Baines.

But don't just leave it to the other guy. Take Bruce and John as good examples! Best wishes for the rest of the year. (If my prediction for the presidential election comes true, the next column will probably be sent from Switzerland.)

After completing the above, I just received this sad note from Pat Brubaker. Bob Hicks' daughter: "I am Bob Hicks' daughter and your recent letter was forwarded to me. I am sorry to have to tell you that my dad passed away on May 2. After my mom died in February 2015, Dad was ready to go also. He was living alone in their retirement cottage at Eastview, but in February of this year, he fell and cracked his pelvis, so he was not able to live unassisted. That was very difficult for him-he loved his independence. He was always so fond of Lehigh and it was great to see how much he enjoyed the last reunion. I hope you're able to continue your golf-It sounds like you enjoy it. Sincerely, Pat Hicks Brubaker."

As far as I know, Bob Hicks didn't miss Lehigh reunions. I attended every five years and some years in between. Gini and I enjoyed Priscilla and Bob's company there over six decades. As you know, Bob wrote a delightful column during those years.

Condolences to the Hicks family and to the families of our other departed classmates.

250 Donald F. Williams, 1055 Cetronia Road, Apartment U-2, Breinigsville, PA 18031. (610) 395-1928 (H); dfwilliams3@verizon.net

2512^{Dick Allen,} 4514 Harbor Court, Fort Myers, FL 33908. (239) 482-5755 (H); dickelise2@gmail.com A small group of us gathered

for our 65th Reunion over the weekend of May 20 to 22. Everything was well organized, as usual, with hotel pick-ups and events going off on time.

Our class dinner was held on Friday night in the Rathbone Room on the third floor of the University Center, which we remember as Packer Hall. Gathered for dinner were Dolly and Otto Ersham, Tom Dowdell, Hank Enright, Don Smith, Ed Stephenson, George Esherick and your writer. We missed seeing regulars Dick Gabriel and Ed Becker, who sent word that they were staying home to care for their wives.

We met for drinks at 5 p.m. and had cordial visits from the incoming and outgoing Alumni Association presidents. At dinner Tom asked each of us to say how we chose Lehigh. Otto spoke first. When it was Hank's turn, he got up a real head of steam and recounted many events, including his band participation. The rest of us gave our short versions. With two former band members present, there were reminiscences of the overnight band trips to far-away schools like Case, Dartmouth and Brown.

Going to the Brown game in 1948 was probably typical. As the newest football manager, I went on the band bus to be with the team. It was hot, smoky and noisy. In the game, Joe Scannella, who had an outstanding coaching career that included the Oakland Raiders organization, was our quarterback. Brown was led by Joe Paterno of Penn State coaching fame. Our great team of 1950 had not yet jelled, but the band music was first class. Singing "What's the Color of Horse----, Brown, Brown, Brown ... " seemed self-deprecating, given that both schools had the same colors and the score was going against us. It ended up 40-0!

At the Saturday breakfast held in a tent next to the STEPS Building, we were joined by **Wes Wardell** and his daughter, Linda. President John Simon addressed us. Hearty applause followed his talk.

Next we went inside STEPS to organize for the class parade being held in Grace Hall. We were told we would be first to march. Hank was awarded our class flag and someone else carried a 1951 sign. The next stop was a lower corridor in Grace Hall to wait. At 11:15 a.m., we stepped off behind the color guard and the band. With Hank leading, our doughty bunch straggled in. This was a far cry from our performance five years earlier, when 18 of us marched in good order, sang a song taught to us by Tom and executed an "eyes left" as we passed the reviewing stand. For that, we received an award. I guess you can say our best days are behind us, at least in regard to marching. Then we sat down in the stands to watch the other classes come in. There were some large turnouts of 25-50 year classes and some humorous shenanigans.

In the evening, George and I were taken up to the Mountaintop Campus for the final sesquicentennial celebration. We found ourselves in a tent outside the main hall in which the Lehigh Swing Band was playing. The musicians were all Lehigh grads who meet once a year to play for the reunion gatherings. The ensemble was fronted by five of the sweetest saxophones you can imagine. They in turn were backed by five trombones and then five trumpets. To their right there was a full set of drums and various other instruments. They even had a vocalist, a bald-headed guy who still has a fine voice. They played for two hours straight.

When it was time for "rain or shine" fireworks, George and I turned around in our chairs to watch out the back of the tent. People with foil wraps and umbrellas came out of the big hall to see the display. Now that Lehigh's 150th has been royally celebrated, we and all the staff can get back to reality.

I called **Ian Bell** from home to get caught up. Just out of Lehigh, he served in an Army tank battalion in Korea. After that he had a long and varied career in finance starting out with the Federal Reserve Bank of N.Y., along the way picking up an MBA and CFA, and retiring at age 60 from Merrill Lynch.

Jim Gill writes: "Here is what comes to mind at the moment. Please edit if I am repeating myself, as my kids (who live close by) often accuse me of doing.

"I have the great benefit of having all three of them living in the same city with me. We often have Sunday dinner together in my apartment. How lucky is that! Another family benefit is having our camp on Lake Cobbosseecontee (a nine-mile-long one) just a few miles from my home here in mid-Maine.

"Now that I have closed my practice as a marriage and family therapist, I still see some folks for what we call spiritual conversation. The Episcopal Church Foundation sponsors various conferences for clergy, and I am planning to attend one in Richmond, Va., in October, called CREDO. It provides 'a collegial opportunity for personal reflection and discernment' in company with others of my vintage."

More next time.

252 Pat Moran, 8209 N. Sable Way, Prescott Valley, AZ 86315. (520) 979-2733; pmoran27@q.com; seeoursite. org/lehigh/

"Remembering you is easy, we do it every day, but missing you is heartache that will never go away." The last time we "spoke," I told you of the passing of my beloved wife, Daz. The condolence outpouring from the class was overwhelming. I have received calls and emails from all over the land, and I'm really comforted.

Barb Smith, widow of **Bill Smith**, phoned several times. **Bill Murray** (Texas) called, as did **Jack Moran** from Cape Cod. Jack lost his Margaret 15 months ago, and he's just now "emerging from the darkness," saying "our 60 years and 99 days seemed to just fly by."

But the crowning glory was a call from **Norm Merksamer**, our class's Mr. Lehigh. Norm has donated vast amounts of his time and resources to the university. I have always liked, and more importantly, respected Norm and his call meant the world to me.

Emails came from Kay and Bill Erdman (very tender) and Ed Bergmiller, who lost his wife three years ago after rejoicing in her for 68 years, and that thought allowed him to move on.

I have been making very slow but steady progress. I have bad days and really bad days, and an occasional good day.

I'm in the grief support groups, seeing my shrink and taking an anti-depressant med. Before I "bubble up," let me get to the class news.

John Tepper says he is not "lost, assumed deceased," as per the Alumni Office. He is very much alive, retired from Western Electric and living in the Kansas City area.

Paul Walton is 88-years old and says he has "slowed down a bit." Join the club, Paul!

Bob Kradoska and his wife, Kathy, live in Florida six months of the year, and Pennsylvania/New Jersey the other six months—great arrangement, guys.

Bob Hoyt emailed to say that **Bruce Hill** passed away in June 2016. God bless you, Bruce.

Bob Ardent writes that he had been dealing with spinal stenosis prior to laminectomy surgery (L2 to S1) in March 2015. Thanks, Bob, for the note and good wishes. I'm happy that you are almost pain free.

I have a full mail bag that will have to wait for the next column. I'll leave you with this: "Live simply, love generously, care deeply, speak kindly and leave the rest to God. Laugh when you can, apologize when you should and let go of what you can't change. Life is too short to be anything but happy." —Ronald Reagan

253 *E. Mowrer, 632 Edgeboro Blvd., Bethlehem, PA 18017-5110.* (610) 865-0399 (H); cebrmow@ verizon.net

Art Tauck has built a large travel business. For more than 20 years, Art has provided opportunities for students to travel around the world and learn what is going on in business. These lucky students have visited about 20 countries for summer internships and learned how business operates in our world. This helps students to be better prepared to understand business from an international standpoint. Congrats to Art and his firm for an outstanding program.

I received a wonderful email from **Bob Hodder**. Bob played baseball on Lehigh's team with **Paul Fedeles**. They studied metallurgy. Bob was a pitcher and Paul was a catcher. Their first jobs were with Latrobe Steel. Paul left and went to another steel company down south, but Bob had a 43-year career at Latrobe before he retired.

It is with much sadness that I share that Tom Schaefer passed away in May. Barbara and I would visit with Tom and Anita on our many trips to the Phoenix area. They would come up to our condo in Sedona or we would visit them at their summer camp near Cottonwood, Ariz. Tom had a splendid career as a colonel in the U.S. Air Force and was one of the 52 American hostages held for 444 days in Iran. He loved the outdoors, which is why he loved Arizona so much. I spoke to Anita and

she told me his heart just gave out. He will be honored and buried at Arlington National Cemetery in the fall.

Received an email from **Grant Hansel** about corrections to be made about our class members on the 1950 team. I had all the names correct on my work sheet that I turned in for the column and have asked for the editor to print a P.S. at the end of my column. Grant and his wife observed their 60th wedding anniversary in Williamsburg, Va., with their family. His granddaughter will compete in the upcoming Paul Short Run.

Joe Workman, Tony Latour, Bill Latshaw and I meet for lunch every so often here in Bethlehem and the subject came up that our 65th reunion will be here before we know it. Our ranks are getting shorter, but there is interest in having it at Saucon Valley Country Club. You might remember we have been there a couple of times before. Joe is going to explore the opportunity. *Editor's note:* Jim Hancock, Bob Morgan and Bill Kitsos were left off the list of members of the 1950 football team in the last column. Paul Trillhaarse and Paul Fedeles's names were misspelled. We apologize for the error.

254^{Bert} Schweigaard-Olsen, (Oct.

20-May 15) The Landings, 5430 Eagles Point Circle #401, Sarasota, FL 34231-9179. (941) 923-4210 (H); (May 16-Oct. 19) 41 Clock Tower Lane, Straus Park, Brevard, NC 28712-3556. (828) 877-4551 (H); bertso@mac.com Ellie and I celebrated 40 years of meeting and marrying with a transatlantic crossing (Miami-Bermuda-Madeira-Barcelona) and spending nine days in Spain (Barcelona-Seville-Madrid-Barcelona). It was one of the best, if not the best, trip that we have ever taken.

Upon our return in mid-April I came down with a bad cold which turned to bronchitis. That lingered until early July and I was so out of it that I missed writing last issue's column. We are reassessing whether these prolonged trips are worth the effort at my age.

Paul Lienhardt and his wife, Jane, live in Pittsburgh and have two children. Both are philatelists and spend two to three hours a day with their collection. Paul became interested in stamps when he was 8-years old and evidently completed his U.S. collection, because he now concentrates on stamps from the rest of the world. His initial career was with PriceWaterhouse and then he went into corporate accounting.

Frank Wiedmeier and I both studied I.E. and spent many a class together. What I found out during our phone conversation was that Frank also attended Brooklyn Technical High School but he graduated in January 1950, and I got my diploma in June '50, so our paths never crossed at Tech. Frank has had a 60-year friendship with Skip Joerger, also a Tech alumnus, and all three of us roomed at Dravo when we first came to Lehigh. Skip lives in Port Orange, Fla., and had a serious stroke last year. Frank then mentioned that his wife, Linda, passed away last year. Frank started his career path with Brooklyn Union Gas and then joined Caloric. When Raytheon sold that division in the early '90s, Frank took the early retirement package offered to him, retiring as V.P. for sales of the appliance division. Upon retirement, Frank and Linda moved to Port St. Lucie, Fla., where he still resides. He plays golf three to four times a week and has taken many a cruise. To celebrate his 85th birthday, he plans to take his two sons and their wives on a week's vacation in the Caribbean in

early December.

Dave Fisher was one of Bewley's Coolies, so he didn't surface very much. I think that all the E.E.s had bunks in the lab. Dave was from Bethlehem and married Shirley, a gal from Bethlehem. They have four children and five grandchildren. Dave worked for Penn Power and Light for 38 years designing power plants and retired in '92. He now plays golf twice a week and gardens, although he admitted that his activities have been limited in the last two years.

Bill Sutherland and his wife, Pat, have been married for 60 years and have one daughter. Bill worked for Union Carbide for 42 years as a process engineer, and they now live in Hilton Head, S.C. They try to take two cruises a year, and five years ago they were enjoying a Maine lobster cruise and met Dick Wolf on board the ship. Bill used to play golf, but now enjoys choral and barbershop singing.

Bill knew **Wally Butler** when he was alive, and Wally's widow, Millie, still resides in the same home that Ellie and I visited in 2001. I wonder if Millie's neighbor still has his pet cougar, who glared at me as I ran to the ocean for a swim that October day. I still remember Wally's words as I started walking to the beach, "Watch out for the cougar." I followed that stare in and out of the water, and needless to say it was a memorable trip.

Sam Shamsey and his wife of 57 years have three children and five grandchildren, and they moved to Williamsburg, Va., in 1998 after Sam's career took them all over the U.S. and Europe. Sam joined Bendix Corp. after getting out of the Air Force in 1957. Allied bought Bendix and Sam was V.P. international sales stationed in New York City from '88-'93 and then was transferred to the London office as managing director sales and marketing from '93-'96 before retiring. He was an avid golfer up to three years ago and had a boat up to five years ago. Sam also mentioned that **Tim Bodine** lives in the Williamsburg area.

Ben Reinoehl sent Don Bott down memory lane with an article pointing out that in 1955 everything was a lot less expensive than today and moral codes stricter. We were lucky to grow up in the society that we did and can only hope that our kids and grandkids have similar feelings when they reach our age. Time will tell.

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Stan Corbett (Palo Verdes Estates) sent me a Class of '55 update: "Another irregular, every so often, update. Reading the Alumni Bulletin, I am amazed by the number of classmates who have entered assisted living facilities. I am sure this is the best decision for them, but my wife, Johanna, and I have taken the opposite approach. Feet first, that is how we are planning on leaving our home of 40-plus years. Although our health is good, we have made the usual changes, including adding grab bars, railings and even an outdoor lift from our garage to our living floor to accommodate a hopefully-never-needed wheelchair. The whiskey bottles now live on a reachable lower shelf. California, where I have lived since my discharge from the Navy in 1959, has such a benign climate that staying in one's home seems reasonable. We love it and don't want to change. We'll see.

"Saturday morning Breakfast Club with about 250 members is good fun, and I wrote a skit for the L/L 150 football game involving Dave Evans '66 and Frank Dunst from Lafayette. Dressed in our school gear, we bragged about the long history of the game and predicted the score. Unfortunately, Frank was almost exactly correct.

"Volunteering and traveling remain our prime interests. I have been involved with third-graders and their reading programs for 20 years and Johanna is a long-time docent at our Palos Verdes Interpretive Center. In 2015 we rented a canal house in Amsterdam for three months, which was a special adventure. We also took our first ocean cruise and loved it. Our regular Lonely Planet-inspired, planning-intensive land explorations will probably be replaced with ocean voyages; we just signed up for a 35-day Oceania cruise up the east coast of Africa.

"I get back to campus occasionally to reconnect with my Chi Psi brothers from '55, '56 and '57, a last man's club. Sadly, just this year we crossed over more than half of the brothers are now in the great lodge in the sky. We recently took a great trip through Florida and visited brother Jim Boylan '56 just before he died, as well as brothers Herb Brattlof '56 and George Lucas '56."

Lew Shupe said he was going through a bunch of stuff and found the Lehigh Alumni Bulletin for July 1955. This was the first edition after we graduated. The class correspondent was Charles Eisenfelder. I think Don Dimmick took over for a while, and I started in about 1965. Lew said he is looking forward to the next reunion. He said he might make a football game this year. I may have an extra ticket.

I talked with Robie Verostic last summer and mentioned that my brother, Joe, had passed. The Verostics knew Joe because he was a Lafayette person and we sometimes ran into him at The Game. Joe was a nice man. Robie mentioned that they had ordered their football tickets and I told her we had done the same. I hope I can get to more games. We have a granddaughter at Lehigh.

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Lehigh loved us back. It was the long-awaited reunion and alumni weekend, our 60th, May 20-23. A threatening storm required last-minute changes in arrangements, but Lehigh coped. They fed us, transported us, moved events indoors and provided, by consensus, a wonderful weekend.

Here's a special thank you to all the shuttle drivers who met us at each venue and drove us to the next.

Tricia and I arrived on campus on Friday afternoon, the one sunny day. As we registered we met Joe Falcone of Bethlehem, picking up his parade marshal gear. Neil Hanlon had just arrived from Williamsburg, Va. Janet and Fred Meckley, from Wilmington, Del., were heading to President Simon's reception for Asa Packer members. Luanne and Tom Morgan were in from Cincinnati. Ohio. Ron Oberly and his son, Kevin, arrived from Rhinebeck, N.Y., and David Baillie was back on campus with son, Brett. David and Gabrielle divide their year between France and Colorado.

Saturday was full of activity. At the Brown and White Breakfast we proudly watched classmates **Bill Luce** and **Jim White** receive their prized Alumni Awards. Long-time devoted alums, Bill is class vice president and reunion chair, and Jim, a former Persa Award winner, is class treasurer. We enjoyed sharing a table with Carolyn and **Bob McGrory**, Beverly and **Bill Van Winkle**, Luanne and Tom Morgan, and

Ferd Thun.

Jim White had two antique cars lined up to lead the '56 group in the Parade of Classes, usually held on the campus walks, but the weather caused their cancellation. However, as we entered Grace Hall for the parade, we were greeted by the rousing tunes of the Alumni Band and students passing out pompoms. With Frank Sinatra's version of the song "Young At Heart" booming on the loudspeaker, the '56 marchers appeared in T-shirts printed with antique cars, all props arranged by class president Arthur Anderman. In front of the judges, Arthur breezed across the floor, leading the

across the floor, leading the class and the entire audience in lively song—a Broadway-worthy performance by the former Mustard and Cheese actor. The Class of '56 then received two awards: parade costume and the award for largest attendance (57 class members) at a 60th Reunion.

After a general picnic lunch (moved indoors) a number of classmates joined a full house at the Zoellner Arts Center to hear amusing stories recounted by the authors of the best-selling book "Freakonomics", Stephen Dubner and Steven Levitt.

We traveled with Ann and Kent Hemphill from our lodgings at the Sands Resort Hotel to the day's finale-a dazzling cocktail party and dinner, arranged by Jim White, at the Weyhill Guest House at the Saucon Valley Country Club. At dinner we sat with two former editors of Lehigh's yearbook, the Epitome, Ferd Thun and Bruce Waechter, who produced a copy of the massive '56 tome. Also with us at dinner were Liz Thun. Janet Waechter. Anne and Al Kime, George Mason and Roy Christiansen.

During the evening, class gift chair **Ron Weber** and class president Arthur Anderman presented to Lehigh an eye-popping class gift of \$3,643,099. Lorraine Wiedorn, assistant vice president for gift planning, accepted the check for the university.

Throughout the weekend attendees received a class survey, inquiring about Lehigh days and current experiences. Twenty-one replies have arrived so far.

At Lehigh you lived in dormitories, fraternity houses and in town. Asked what influenced your choice of Lehigh, many echoed **Larry Gray**'s comment, "a very good engineering school—not too big." Larry remembers how hard the work was with classes six days a week.

Craig Vulkoff, among many, sought the then-traditional allmen's school. In addition, Bill Gardella noted "the beauty of the campus."

As for outstanding campus memories, most mentioned friendships. Edward Curran recalls "meeting great guys" and Bruce Marra enjoyed "the camaraderie" of his fraternity brothers. Ed Tkacik and Tom Morgan remember favorite professors. Many recall parties and football games. Harry Levine remembers the Lehigh-Lafayette bonfire in 1952. John Milnor fondly remembers his fellow civil engineering majors and his years as a Lehigh cheerleader. Thomas Miller recalls diving with Lehigh Hall of Famer Ron Keenhold on the varsity swimming team.

College life was intense for **Bill Diehl**, a World War II U.S. Air Force veteran, already working full time at Bethlehem Steel, married and starting a family.

In the next column we will zoom to the present in your answers from the survey. If you would like to return your copy of the one-page query, or wish to receive one, please contact me at one of the addresses above.

James E. Watson, 774 Highview Drive, Wyckoff, NJ 07481. (201) 891-1246 (H); djwatson@optonline.net We had our first planning session for our upcoming 60th Reunion this past July at Lehigh. Walt Mannherz, our class president, chaired the meeting along with Win Applegate, our reunion chairman, Paul Van Norman, our treasurer, Micky Simon, class agent, and me, your humble correspondent. Paul Wagner, who had always helped out for so many years, unfortunately passed away in July; he will be sorely missed this year as we prepare for the big 60th.

We had an excellent lunch with our wives at Billy's Diner in town and continued our discussion—please put a "Save the Date" on your calendar for May 19, 20 and 21, 2017.

I received a note from Sid Silver in January (that arrived too late for my Winter 2016 column and was delayed again for the spring due to this correspondent's writer's block). Anyway, Sid was proud to report that his grandson Nathaniel Cannon'16 graduated from Lehigh and his twin sisters, Marissa and Madison Cannon, are slated to graduate in 2018. He also put together a terrific 80th birthday party for his wife, Peggy, last December in the Dominican Republic with all of his five children, their spouses, and nine of his 12 grandchildren in attendance.

One of my grandsons, Nick Lovinger, who graduated from Vanderbilt in 2015, was heading down to U.V.A. for a party weekend with some friends, which reminded me of my craziest Lehigh weekend in 1956 when my fraternity brother, **Phil Stromenger**, asked me if I wanted to go to U.V.A. for a party called Easters Weekend. I said yes, and then we flew down in the L.U. Pipercub owned by the L.U. flying club. We followed the Delaware River and turned south, following some railroad tracks to Charlottesville, landed softly, had a great party, slept at the Theta Delta Chi house, and flew back late Sunday morning. Near Pottstown, Pa., we flew into a horrible rainstorm and had to land, left the plane there and hitchhiked to school. The next day Phil was asked to resign from the flying club since he had signed out the plane for only an hour!

Does anyone else in our class have a crazy weekend that they can talk about now? Let me know if you can top my story. And by the way, Phil became a commercial pilot later in life and finally stopped flying two years ago down in West Palm, Fla.

Have a great fall, and I hope to see some of you at Goodman Stadium for a packed home football schedule vs. Monmouth, Princeton, Colgate, Fordham and Bucknell. The Lafayette game will be in Easton. I've never seen Lehigh win in Easton, so I'll pass on this game.

Send me some news, and here's another reminder to mark your calendars for our 60th Reunion on May 19, 20 and 21, 2017.

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Our family reunion in Rehoboth Beach, Del., celebrating our 50th anniversary and birthdays was great! It was a trip down memory lane, but many things have changed. The weather was perfect and the five granddaughters had a ball. Our boys treated us like royalty! Anne said don't get used to it!

While we were there, we had a chance to spend an afternoon with June and **Brooks Goldman** in Bethany Beach, Del., at June's rehab nursing home. Their head-on accident was awful. They were returning from a funeral in Baltimore and just had a meal when they were hit. June's best friend was killed, one of their two dogs didn't make it, and June's legs were crushed. Brooks ended up with a broken hip. He just got the OK to drive, but June was not able to stand or walk and still has no idea what will happen. They look great, but need our prayers.

Bob Hirsch emailed to get an update on the Goldmans and informed us that he and Ellie celebrated their special birthdays with their whole family for two weeks in late August in Barnegat Light, N.J., only a few streets from where we visited friends. We only missed each other by a week.

In the email he confessed that they did move to Baltimore two and a half years ago to be closer to their daughter, Liz, after living in northern New Jersey for over 70 years. They live on the 13th floor of a condo at North Charles St. and University Parkway that overlooks Johns Hopkins University and all its athletic facilities. A five-minute walk to baseball. lacrosse, football, basketball and wrestling events whenever possible. Anne grew up in that area (Roland Park); her father, Bob Owings, went to Hopkins and coached the baseball team there in the '40s and '50s-small world.

You won't believe this-my notice of John Winchester's death on May 5 came from his wife, Jeri. She wanted his classmates to know first. After Lehigh, he graduated from Cleveland Law School, spent four years in the Army Chemical Corps, then Texaco Oil, J.T. Baker Chemical Co., before 25 years at Notre Dame High School in Bethlehem teaching chemistry and physics and coaching tennis. His dad went to Lehigh, his daughter was in a sorority and his grandson

completed the cycle. Stories included that he went to L.U. football games and sat on the other side with his minister, Keith Brown. He and Jeri were married in his second semester of senior year and lived in an apartment in South Bethlehem above **Frank Eck** and Ed Hamer '59, who set their alarm for 3 a.m. and promptly banged on the ceiling with broom handles. After all of this, they married each other twice!

Bill Glose also wrote that his good friend, **Ralph Elliott**, died July 21. He spent four years as an Air Force fighter pilot in the Korean War before returning to Lehigh on the G.I. Bill. Bill celebrated his 80th birthday with a cruise to Bermuda with friends.

Hank Bauer died on July 19, 2016, in Haddonfield, N.J. His obituary was in Haddonfield's newspaper on July 31.

Sarah and **Ken Graves** are in good health, playing tennis and baking with their daughter, including a metric century ride in June to raise funds for Alzheimer's and a 100-mile ride in September with the Narragansett Bay Wheelmen in Rhode Island. He also started running track events—look out, **Don Kohler** and **Bruce Gilbert**! They are all looking forward to our 60th.

Gary's Barber Shop, where the coaches get cut, are already on their feet for a great Buffalo Bills season.

Greekers go to Brooks and June Goldman, John Winchester, Hank Bauer, and Ralph Elliott!

259 Bob Teufel, 1 Stoklea Drive, Emmaus, PA 18049. (610) 967-2049 (H); (610) 393-0565 (C); rteufel@aol.com and **John Canova**, 8008 Rachelle Place, Vienna, VA 22182. (703) 821-0410 (H); jcanova@cox.net This issue's featured living group is Beta Theta Pi, known throughout the land as simply... the Betas.

Jim Blair...the proud father of three children, four grandchildren and a wife of 56 years, the former Katie Biehl. Jim took his Lehigh engineering degree seriously, working for such renowned companies as Allis Chalmers, Thermo Electron, and The Hayes Corp. And he is still at it as the head of Blair Engineering.

Steve Gartside...also married for 56 years! After 40 years with Goodyear, three children and seven grandchildren...one of whom will graduate from Lehigh next year...Steve decided to retire and move to Wimberley, Texas (in case you wanted to know...Wimberley is 29 miles from Blanco). Steve, never one to let tumbleweed grow under his feet, has visited six continents!

Ed Hamer...also married for 56 years! Five children and 12 grandchildren, and granddaughter, Carley Powers, is a sophomore at Lehigh. Spent two years as an artillery officer after graduation before coming back to Lehigh to coach wrestling, cross-country and golf for three years. Sweet life! After owning a lumber supply business, both Ed and his wife, Judy, became sales reps for several furniture manufacturers, and they are still at it!

Leon Harbold...also married for 56 years! Four children and seven grandchildren! Leon entered the "loop program" at Bethlehem Steel and had an outstanding career. (Believe it or not...Eugene Grace's first "loop" job was as a crane operator.) Following in the footsteps of Kim Jong-Un, Leon was named reunion chairman for life, after doing a great job as chairman for our last reunion.

George Karr...also married for 56 years! Four children, two of whom are Lehigh graduates, and nine grandchildren! George worked his entire career at Equitable Insurance before getting the brass ring when it was acquired by AXA, retiring at the tender age of 55. Eat your hearts out!

Dick Santoro...also married for 56 years! What did they put in the Beta house water?! Five children and 10 grandchildren. The wrestler doesn't fall far from the Santoro tree with two sons multiyear NCAA All-Americans. Patrick is the current Lehigh head wrestling coach. Dick says he is in good health, which makes him a rarity at our age, but don't try to "take him down" or you will most likely hurt your back.

The Betas would like to remember their departed brothers: **Ben Gates, Bud Almassy**, and **Dave Springman**.

When "Show'em the Lights" echoed throughout Grace Hall, the '59 Betas did just that, being among the most outstanding wrestlers that Lehigh has produced: Dick Santoro... undefeated in four years of dual meets! EIWA champion in 1958 and 1959; second place in 1957. NCAA third place, 1958.

Leon Harbold...30W-7L-3T... wow! Part of the team that went undefeated in 1958 dual meet competition and won the EIWA championship in 1959.

Ed Hamer...26W-3L...another wow! Winner of two EIWA titles and one NCAA title at 167 pounds.

Take your Lehigh hats off to these Betas.

And the kudos keep coming: **Roger Penske** keeps going, going, going. In June, he received the most prestigious award in motorsports, the 2016 Cameron Argetsinger Award for Outstanding Contributions to Motorsports.

Williams E. Millsom, P.O. Box 3225, 54 Boardwalk, Groton Long Point, CT 06340. (860) 536-2926 (H), (860) 235-3618 (C); bill.millsom@gmail.com Hello Classmates,

Received a nice letter from **Craig Anderson**. Craig was inducted into the Washington, D.C. American Legion Hall of Fame for his pitching prowess at Anacostia High School. His team was the national runner-up finishers in 1955. His latter success at Lehigh and in the major leagues was also considered.

Craig and Judy are enjoying retirement. He follows a lot of sports, including being permanent guests of the Tampa Bay Rays. He no longer student teaches. Judy reads a lot and quilts. Last fall they took a 19-day Mediterranean cruise. This summer they are touring national parks out West. Their daughter, Jill '91, and her son, Jacob, will join them as time permits.

In March, Craig and Judy drove to Naples, Fla., to meet the new LU president, John Simon. While there he ran into classmate **Richard Schumach**er and his wife, Cammie. They live in Naples.

Craig's daughter, Jill, who was very helpful at our 50th Reunion, is assistant vice president for advancement at Muhlenberg College. She was her class's 25th reunion chairman and received the Alumni Award for her class.

During the year, Craig and Judy worked on a project to honor Judy's uncles who served in World War II. Three were killed and one survived a kamikaze attack off Okinawa. One uncle was a brigadier general, who was shot down over Berlin, another was a colonel and a fighter pilot in New Guinea and one a navy commander. Craig and Judy put together a thousand documents, pictures and letters saved over the years and presented them to the National War World II museum in New Orleans.

Craig and Judy planned to attend the Lehigh-Colgate

football game on Oct. 8.

I received a call from Bob Leibman, who joined our class our freshman year and then attended West Point for four years, earning a degree in engineering. Bob resided on the fourth floor of Drinker during our freshman year. He was attempting to contact an old friend from his freshman year, and I tried to give him the latest info I had. Bob spent many years in the service and then in the defense industry as an employee and a consultant. If anyone wishes to contact Bob, he can be reached at bobcon sult@msn.com.

Hopefully I will run into some of you at a football game in the fall, or you will drop me an email.

Robert Paternoster, 448 Bellflower Blvd., Suite 303, Long Beach, CA 90814. robertpaternoster@yahoo.com It was great to be back at Lehigh for our 55th Reunion. I had initially questioned the sanity of my plans for the long cross-country trip, but once I reached campus, I knew it was well worth it. Twenty-two hardy '61ers made the pilgrimage to celebrate our 55 years since graduation.

The first opportunity to revel in the company of fellow classmates was the Class of 1961 dinner, held in the University Center on Friday evening. The UC still stands proudly at the base of Old South Mountain, overseeing a Lehigh campus that has been substantially expanded, diversified and beautified since our departure.

Many thanks to **John Kuney**, who served as our reunion chair. He and Grace live in Pinehurst, N.C., and just celebrated their 50th anniversary on a trip to Rome and a cruise of the western Mediterranean. Since retiring from 30 years with IBM in 1991, John has been working through his "bucket list" with a hike through the cornfields of Gettysburg and a walk across the Brooklyn Bridge. A cruise through the Panama Canal is next.

My wife, Susana, and I sat at dinner with Kate and John Mc-Garry, Sandra and Bob Jones, and Dutch Van Deusen. I finally got the scoop on how McGarry made his way through Lehigh and became a patent attorney. Apparently he was a little short on freshman tuition and had to borrow \$500 from his previous employer in Baltimore. He then worked his way through four years, including a job as a male model for a Lehigh professor, who proudly hung John's picture over his mantel. Upon graduation, he and best friend, Fred Mummert, "wandered around" Washington, D.C., decided to get into the patent business, and he earned a law degree at George Washington University. That led to 50 years as a patent attorney in Grand Rapids, Mich., before retiring to "full-time work as a climate advocate." His Citizens Climate Lobby works to convince Congressional representatives to institute market-based incentives toward clean energy.

Bob Jones has been on the cutting edge of television electronics since graduation. He patented the electron gun for Philco-Ford during his first 10 years in Philadelphia, and then designed the color cathode ray tube for GE. He has been retired for three years now in Reading, Pa., traveling with Sandra around the country from Dallas to Boston to visit the families of their six children.

Dutch Van Deusen sold his elevator consulting firm just before our 50th reunion (he's tired of the "business ups and downs" quips!), but he still hangs around the New York City firm as a consultant. He spends 185 days a year at his second home near Vail, Colo., down the street from the home that **John Talucci** built 12 years ago, but unfortunately never occupied due to his premature death from cancer.

Joe Celauro was anxiously anticipating his visit to the Bethlehem Steel Historic Recreation site. The transformation of the old steel plant into a tourist attraction is nearly complete. Massive old industrial buildings and furnaces provide a bold backdrop for new concert venues, shops, a hotel and a casino. Joe was particularly interested in the Sands Casino, not to gamble, but to visit his old high school principal, who opened an Italian restaurant there. Joe is still a "happy bachelor," busy with his chocolate company and contemplating the sale of his motel near Princeton, N.J.

Dave Parsons wouldn't tell me the secret of his youthful appearance, but I suspect the 100-200 miles of bike riding per week has something to do with it. He retired from 40 years with Pennsylvania Power and Light and lives in Allentown with wife, Diane.

I chatted with Henrietta and Frank Zahrobsky at the dessert table. They have moved to the retirement community of Sun City Center, just outside of Tampa, Fla. Frank spent 20 years in the Air Force, piloting seven different aircraft. He worked for Bechtel Corporation in Pittsburgh for the next 23 years, producing nuclear reactors for the Navy. He's now Florida and Puerto Rico regional commander for the Military Order of the World Wars, a patriotic organization of retired military officers dedicated to educating youth on democracy and leadership.

Class President **Paul Smith** was in the corner preparing his after-dinner speech. He remains as chairman of Calconix, a promotional products firm in Ardmore, Pa. "I work for my son now," Paul explained. "He took over the company so that I can play golf in Florida!" Paul's other passion is country dancing: "I'm really into the two-step!"

Dinner was over, and it was time for Paul to take the microphone. After a brief speech, he conducted an informal survey of the lifestyles of '61ers. It was hardly a scientific sample of our class, but here goes: half are still working (at least part-time), only a quarter are still with their first wife (one is on his third!), 30 percent will vote for Trump, only two classmates (Paul Smith and Joe Bartish) have attended all 11 of our reunions (three of us have attended 10), and practically no one admitted to ever smoking pot! Hmmmmm.

(More reunion news in the next Bulletin.)

Philip J. Kinzel, 11 Cleveland Road, Caldwell, NJ 07006. (973) 226-8618 (H), (973) 226-1430 (B), (973) 464-8282 (C); pkinzel@kinzelco.com Dick Teeter is an avid Hudson Motor Car fan. Dick has owned a 1949 Hudson Commodore 6 sedan for 20 years. He had a 1948 Hudson when he was at Lehigh. "Hudsons have always been a part of my dreams," says Dick. He is director of the National Hudson Motor Car Company Museum in Ypsilanti, Mich., and has created a small Hudson museum in his basement in Hawley, Pa., that he enjoys showing to other old car lovers.

Dick still manages Teeter Furniture and Teeter Funeral Home in Hawley, Pa. He is the fourth generation of the Teeter family that has operated at the same Hawley location since 1849. Following graduation, Dick attended Eckels College, earning an honors degree in mortuary science. He has owned Teeters' Funeral Chapel and Teeters' Furniture since 1965. The first Richard Teeter was a cabinet maker who hand-built coffins in 1849. Dick's daughter, Julia, joined the family business and became a licensed funeral director in 2015 and adds to the heritage of the oldest service and retail business in northeastern Pennsylvania.

When not working, Dick and Mary Anne enjoy traveling. This year, their travels included a Viking River cruise from Budapest to Amsterdam and a short cruise to Mexico with Yvonne and **Bill Pitts** living in Folsom, Calif.

Dick provided an update about his Theta Xi brothers. Bill Pitts is retired from Toshiba and was an active member of IEEE (Institute of Electrical and Electronics Engineers), serving as vice chair of the technical committee on parallel processing. As your columnist recalls, Bill was an accounting major at Lehigh. After the Mexico cruise, the Teeters and Pitts joined Rita and Dave Metzger, Cathy and Mike Hay '60, and Janice and Tom Pattison '63 for Theta Xi South #6 hosted by Susan and Bill Buehler at their home in Naples, Fla. Theta Xi South #6 was the sixth annual gathering of the Theta Xi brotherhood, always held in the Sunshine State.

Dave is retired from Brunswick-Mercury Marine and shares his time between Naples and Fond du Lac, Wis. Bill Buehler is a retired executive vice president of Coca-Cola. The Theta Xi brothers had their annual football weekend surrounding the Georgetown game. The three-day fall weekend filled with fun and reminiscences has been a tradition for 20 years.

Lindsay Smith provided an update on his retired Kappa Sigma brothers. Neil Martin retired as partner emeritus from his law practice in May 2016. His practice area was intellectual property. Shortly after law school, Neil worked for the U.S. Patent and Trademark Office and eventually founded an intellectual property law firm in San Diego. He and Myrna have their Rancho Santa Fe home on the market (maybe sold) and are giving thought to where they'd like to move and live for their retirement years. In the meantime, they're living on their sailing yacht at the San Diego Yacht Club.

Mary and Dave Gendell spend time between their two homes-one in Arnold, Md., and the other in Delray, Fla. Dave is a retired regional administrator of the Federal Highway Administration. Lindsay and Sue are enjoying retirement in Deep River, Conn. Lindsay retired as chief operating officer, president and founder of his insurance research firm. "My aortic valve was replaced with a bovine valve and, so far, the only noticeable side effect is that I am sometimes overcome with an urge to graze on our 5-plus acres!" reports Lindsay.

At my column deadline in August, Chris and **Ron Johnson** were preparing for a vacation at their time-share in Long Boat Key, Fla. Ron was looking forward to a fishing trip for grouper in the Gulf of Mexico.

Our 55th reunion weekend is coming up on May 19-21, 2017. Class president **Bob Downing** and Ron Johnson have been planning the event. And Brenda Gitlin is helping with some special event ideas.

263 Daniel Turse, (248) 473-9287 (H), (248) 508-7422 (C)

Another classmate converting: We continue with our thumbnail sketches of classmates who discovered their artistic talents later in life. This time the artist-in-residence is our **William D. Rezak**. Bill learned early in his career as a professional engineer who designed and constructed facilities to generate power that researching and then writing brought him much satisfaction. By the time he retired from his second career, this one as president of Alfred State University of New York (SUNY), Bill realized how much writing meant to him and included it on his bucket list, along with riding his Harley across the U.S., and learning to sing—he does a mean karaoke rendition of George Jones, Waylon Jennings, David Allen Coe and Johnny Cash.

Bill's first book, The Arab and the Brit, was published by Syracuse University Press in 2012. The book covered the family transitions to America of his Palestinian father and his British mother. Bill learned so much about both cultures that he became fascinated with the impact that both societies have had on the Middle East and its current issues.

Bill's second book, The Best Dang Job in the World, was published by Hamilton Books and came out in 2013. This book is a memoir of Bill's presidency at Alfred State. It is a leadership guide for aspiring college and university administrators.

At this time Bill is working on his third book, currently untitled, an analysis of the Arab-Israeli conflict. The book is designed to provide deeper understanding of Palestinian behavior in this sad part of the world. The core problem for the Palestinians is that they lost their homeland while the Zionists were finding theirs. He has also written about his escapades on a motorcycle. (Articles may be read at GainesvilleTimes. com.)

Little wonder that Bill's writing has given him such great satisfaction and stimulation during his retirement years. From modern history, through the administration of colleges and universities, to the moral dilemmas of the contemporary Middle East, to adventures on the back of a motorcycle, Bill has created or is creating something for many of us. He plans to write still another book, this one about the impact playing football for Lehigh has had on his life. Bill's creative repertoire should have something for all of us. "Stay tuned," says Bill.

Another of our classmates who is a writer and has several other professions is David S. Ritterpusch. Many of us know Dave, whose life sounds like a page from an adventure story told by a reluctant protagonist. His autobiography has three beginnings that sometimes overlap: the first, near Baltimore, where he grew up the son of a Lutheran pastor, attended Cantonsville High School in Maryland and graduated from Lehigh; the second, where he served his time in Korea as a paratrooper, notwithstanding his volunteering for Vietnam, and then accepted a position as a banker, then chief baseball scout for the Baltimore Orioles: and the third, where he metamorphosed from civilian life to military and back again.

Through all three sectors of his life, he adapted well to his environment and grew emotionally. As a newly minted member of the airborne, he lost no time recalling psalms and verses during his jumps, some of which may have brought him through difficult military situations in general and intelligence escapades in particular, overlapping his early decades in Maryland, sustaining lessons probably taught by his father.

Apparently, Dave found the worlds of banking and baseball less satisfying than life in the military because he went back to the latter, this time to complete his military career as a historian for army intelligence. Dave honed his writing skills in the new position. To verify, just ask for a copy of his reminiscences about Baltimore to see some current musings. Then ask about the "Red Book" and the "Blue Book," two volumes he wrote at the Army War College, for a highly restricted audience that included members of Congress.

After his second return to civilian life, Dave poured his energies into writing articles for such wrestling magazines as Amateur Wrestling News. Realizing that the retirement years afford one the opportunity to pursue one's abiding interests, Dave wrote The Standard of Excellence about the outstanding wrestling program at Blair Academy. The book took Dave two years to research, write and edit.

The volume served as an entrée for renewing old friendships and creating new ones. (Today we would call the technique networking.) Because the book chronicled a series of champions over the years, it gave Dave the opportunity to reflect on what made for greatness in wrestling and life.

When a family friend died while serving with the marines in Iraq, Dave and his wife, Barbara, created the Major Ray Mendoza Award, The individual wrestler(s) who scored the most team points at each of the three top high school tournaments in the U.S., namely, Beast of the East, National Preps and Ironman, also became outstanding high school students and attractive recruits at colleges wanting their matriculations. If Dave can massage his data backwards, i.e., from enrollment at the beginning of a high school career to academic and wrestling success at the end of a high school career, he may have something other institutions find compelling, especially if he can explain it clearly by drawing on his considerable writing experience for the governmental and private sectors.

Regardless, Dave's writing career continues, this time focusing on Lehigh. His new book carries the tentative title Life Since Lehigh. Watch for it in the next year or so.

264 David A. Riemondy, 774 Malibu Lane, Indialantic, FL 32903. (321) 777-9659 (H), (321) 506-7302 (C); malibu4u@cfl.rr.com Jack Smith sent a couple of fascinating emails I thought worthwhile to consolidate and pass on to all of our classmates.

"I never contacted you before because I am only a washed-up, old retired lawyer who has been arrested three times for civil disobedience since 2011. The next generation, who I raised as an only child, makes me proud enough to write.

"My life is not like many lives I have known. I have this unusual ability of being able to convert adversity into an asset over time. I have been compared to the Energizer Bunny because I keep going and going. That is not always an asset.

"People say I should write about my life. I say I am too busy living it, even though I call myself 'jackthewriter' when I write. When people ask what I have written, I explain that lawvers rely on B.S., writers require research. I am in the research phase. As I reread my story this morning, I found it unusual for what I elected to omit as much as for what I included. I have become a storyteller and Philadelphia [for the convention] will add new stories to the collection of tales I can choose from. I truly believe that life is a journey that ends when you die, so it is best to live it and enjoy it while you are here.

"After Lehigh, I spent 10 years working as an I.E. for Alcoa in Pittsburgh, Pa., and Portland, Ore. When the company wanted to transfer me to Texas, I quit and went to night law school thinking that would tie me down on the West Coast. "Married for seven years, had a son and a divorce while in law school. After law school, I couldn't get a job, despite being in the top 10 percent of my class and passing the bar in Washington and Oregon. It seems I was too old, in my late 30s, to work for a firm.

"Remarried for seven more years, had a daughter and a divorce after not being able to make big bucks as a lawyer. Some say I didn't go to law school to make money, I went to protect myself. While in law school I had many survival jobs, the most interesting being the business administrator for the county health department.

"From here it gets more interesting; I hung out a shingle as a solo lawyer. That lasted a few years. My second wife left, taking my daughter with her. I said 'been there, done that.' Hoping to win her back, I took a job as an engineer with the government in the Department of Defense. I ended up retiring from there after 21 years.

"I had been a draft dodger during Vietnam, and I became a peace advocate/demonstrator after three years with the DOD. During my stay, I spent time as the Western Washington EEO coordinator, and I formed a union. I found many people within DOD who respected my anti-war position, but never felt comfortable saying it as openly as I did. There were some who did not like me and what I stood for, but I was protected by being a lawyer with several political connections. A few did attempt to make my life miserable occasionally, but I knew how to survive by doing my job and only complaining about things happening to other people. It made me flexible.

"I like to say my Social Security and pension from the DOD supports my current protest activities. It also supports my travel. I am in love with Irish culture and history. Since retirement, I go there for a month almost every year. I have been in El Salvador as an election watcher, Gaza as a human rights advocate and Cuba as an observer. Only a small percentage of Americans have passports; I try to make up for their lack of travel.

"Politics has always been a passion for me. I have worked (volunteered) on many campaigns, including New Hampshire in 2000 working for Bill Bradley during the primary. We lost to Gore by three points, and I like to point out that my failure led to eight years of George W. Bush, including Iraq, Afghanistan, Libya, etc. Not a great record, but I have met some interesting people along the way.

"I was planning to sit this election out, but my non-political daughter got me interested in the Sanders campaign. (Jack's daughter, Jen, was selected to be on the Washington delegation to the Democratic National Convention [for Bernie]. Jen, her son, Emory, her service dog, Cairo, and Jack drove from Seattle to Philadelphia for the convention. She has written a blog about their adventure at: philthebern.com.

"My life of crime becomes evident as follows: N.Y.C. 2011with Occupy Wall Street, 700 of us shut down the Brooklyn Bridge for over six hours. Spent my only night ever in jail. Bangor, Wash., 2012-with 20 others we shut down the gate to the nuclear storage facility for almost one hour. Paid a fine. And Seattle, Wash., 2015-alone refused to leave a Port Commission meeting during the Shell invasion of Seattle on the way for Arctic drilling. No plea, but effectively probation for one year.

"I have omitted much pain and much joy, but I am very happy with my life as it now is. I have had health issues, but now I am very healthy (for my age). I do not have many 'needs' and I have enough money to fulfill them and most of my 'wants.'

I would not trade with anyone. If I had Bill Gates' money, I would give it away before it contaminated my family and me. I wake each morning happy to be alive and having another chance to get things right. I feel I can successfully navigate any roadblocks that may occur."

I'm up against my word count limit, but I want to pass on that **Dave Jonsson** is doing well, with a good prognosis, after prostate surgery and has offered to chat with any of us who are also fighting prostate cancer.

265 Ronald L. Workman, 1981 Berrel Court, Yardley, PA 19067-7225. (215) 702-7041 (H); ron_workman@ prodigy.net

No fresh updates, but word from Rein Mannik that he has created a DVD with video and music to help us remember many of the key events (Friday and Saturday dinners, parade and graduation ceremonies) during our 50th Reunion in May 2015. Please email me at the email address shown in the heading and let me know if you are interested in receiving a copy. Based on demand, we will either have it copied commercially or Rein will make the copies personally. We anticipate a cost of less than \$10.

266 James A. Tiefenbrunn, 1201 Butztown Road, #31, Bethlehem, PA 18017. (610) 691-1714 (H); jat1@lehigh.edu

The 50th reunion of the Centennial Class is now history. Approximately 70 classmates with 50 spouses gathered on the Lehigh campus this past May to celebrate the big 5-0. Some living groups got together on Thursday evening, and then there was Friday golf and campus activities leading up to the class dinner at the Wood Dining Room on the Mountaintop Campus. Cocktails, dinner and dancing kept the oldsters up to 11 o'clock.

Saturday morning dawned with breakfast, at which our class president **Harry Brown** was presented the Alumni Award and **Dennis Singleton** was presented the Grace Award. Next was the parade of classes, followed by lunch.

At the parade, which was moved to Grace Hall due to the threat of rain, the class won various awards, including the Reunion Cup of Lehigh University. The cup was originally presented by the Class of 1891 to strengthen loyalty and revive friendship and is awarded annually to the class with the largest percentage of their membership attending reunion. We also won the Petty Flag for the best parade performance, and the 50-year pendant was added to our class flag.

Bobbi and **David DeAnge**lo hosted a wonderful cocktail reception in the Caruso Wrestling Complex in Upper Grace Hall. Following that was the Saturday evening special dinner at Mountaintop for all classes to celebrate reunion and the closing of the sesquicentennial (150th) year of Lehigh's existence. Fireworks capped the evening.

Don Davis represented our class at the Sunday ROTC commissioning ceremony. On a beautiful Monday morning several class members marched in the commencement procession representing the bond between the Class of 1966 and 2016. At the conclusion of the ceremony, Harry Brown joined the 2016 class president in ringing the university bell.

It was a great weekend and everyone had a good time. Special thanks needs to be acknowledged to five individuals: Harry Brown for head-honchoing the entire event. (Those on email will fondly remember his email "blasts" to relay planning information.); Jeff Gallagher, who developed our class Facebook page and kept it active with numerous comments and articles from the past; Hank Schlenker (and his associates), who, once again, led our reunion fund-raising efforts. (A symbolic check for over \$6.6 million [interesting number!] was presented to Lehigh president John Simon at our Friday night dinner. Their efforts also achieved a total of 60 Asa Packer Society members and 48 Tower Society members.); and finally, Bobbi and Dave DeAngelo for hosting the class reception.

Our parade theme was based on Route 66. T-shirts were printed with "We got our kicks—Class of '66" and "Checking '66's route ahead. Trust me I'm an engineer." There was a depiction of an engineer using a transit. Our song was "Get Your Kicks with Lehigh '66" with lyrics by Gayle Schlenker. Also helping Hank with parade themes and materials were Jeff Gallagher, **Barry Jenkins**, and **Walt Erhard**.

Several living groups had big turnouts. Alpha Sigma Phi was well represented by Jeff Bean, Barry Eveland, Dave **Evans, Dick Diederich, Gary** Lewis, John Payavis, Paul Williamson, Bob Volp, Marty Schlauch, Ralph Young and Joe Cornell. The Theta Xi group consisted of Susan and Harry Brown, Jan Delbridge (widow of Tom), Edith and Bob Comstock and their son Michael, Peggy and Jeff Poindexter, Natalie and Lee Iden, **Mike Darkoch, Fred Bankert** and Jeff Gallagher. Representing the Gryphon Society were Janet and Jim Callahan, Jack **Evans, Paul Henderson, Les** Kish, Jay Brodish, Sharon and Bill Tittle, Louise and Rick

Yori, and Trish and Stew Early. Also making a good showing was the Betas. They included Gayle and Hank Schlenker, Liz and Jim Marchant, Joyce and Don Johnson, Jackie and Bob Schmidt and Duane Beacher. They were joined in their golf outing by Terry Stuart (Chi Psi) and Peter Burns (Chi Phi).

Please see other reunion reports and reflections on our Facebook page "Lehigh University Centennial Class Reunion." Jeff Gallagher will be happy to approve you for this closed group.

267 Eric Hamilton, ehamilton6@verizon.net or journey man618@gmail.com

Pick Bell, 2016 Redwood Avenue, Wyomissing PA 19610. rtbell68@hotmail.com. Recently I heard from Don Crouch. He retired and moved from the North Central cold climate to the Florida Keys. In order to stay busy, he took a job managing a toll booth on one of the bridges that connect the Keys. He wanted to dispel the myth that the Keys do not have any seasonal change. Mango season is followed by the Mahi Mahi and Wahoo seasons and then lobster.

Richard "Rick" Roberts reports that he has written two award-winning books: "I Was Much Happier When Everything I Owned Was in the Back Seat of My Volkswagen", published in 2004, which was a finalist for an Eric Hoffer Award in 2015 Legacy Non-Fiction, and Digital Darling: "An American Story" (2011) won honorable mentions in the 2013 New England Book Festival and the 2014 Hollywood Book Festival. Both books can be accessed on Amazon.com, which rates both as five of five stars by reader reviews. He retired after working in Boston in advertising and

public relations. He served in the Army from 1969 to 1971. The Lehigh Delt earned a master's in journalism from the University of Iowa in 1972 and a master's in education from Harvard in 1986.

Please submit any information for publication. Remember our 50th is coming up soon. Stay healthy.

A. Raymond Schmalz, 325 Lowell Ave., Mill Valley, CA 94941-3845. (415) 388-3263 (H), (415) 317-0923 (C); rayschmalz@aol.com Scott Luley and his wife, Jan, sent out an update on their whereabouts. In 1979, Scott co-founded Christian Leadership Ministries, now called Faculty Commons. Their goal was to have a worldwide ministry to professors. In 1991, Scott and his family decided to begin a new ministry at Princeton University to minister to faculty and international graduate students. Last year, Scott and Jan moved to the University of North Carolina, Chapel Hill, to serve with Bridges International and to continue their ministry to the faculty and the international students at U.N.C.

I received a call from Bob Kiley '55, who lives in Williamsburg, Va. Bob reported that George Mirkovich had passed away in early July. George had been active in the local Lehigh club in Williamsburg. George was an electrical engineer at Lehigh and a member of Sigma Nu. After graduation, he began a career with New York Telephone and then with AT&T. After his retirement in 1998, George was the property manager for the Morristown United Methodist Church. George was active in the Knights of Columbus for over 45 years. In 2006, George and his wife, Michaelene, moved to Williamsburg. George was especially active there, playing tennis at the Williamsburg Inn 12 months a year. I hope George's classmates and fraternity brothers at Sigma Nu can tell us more about George in the next issue.

Penny Diehl, 28 Chancery Court, Millville, NJ 08332. (610) 698-7136; dennydiehl@aol.com Caught short without a deadline reminder, news will be slim pickins this issue.

Tim Engleman (Engleman@zoominternet.net) writes: "Two years ago, I started transitioning to retirement from Medart Inc., a machinery design and manufacture outfit serving the metals industries. I moved from day-to-day engineering management toward conceptual design, staff development and created an application engineering function-separate from and complementary to production engineering. I went to 'retired, on-call' status after 18 years with the company.

"My church-Shadyside Presbyterian in Pittsburghcelebrates its sesquicentennial this fall. I wrote a new church history, the first complete one since 1966. As with my earlier book on church architecture, we used on-line publishing. In an odd coincidence, an extensive history update of the church at its 115th anniversary was written by Davitt Bell '26, a Lehigh-trained fellow mechanical engineer. We shared an interest in machine design, as he was president of Edgewater Steel and introduced process improvements to forged steel ring production. Retirement plans are fluid, but probably include ramping up my hobby of pen-and-ink drawing."

DRD health tips learned: I've finally cut seven pounds en route to (hopefully) below 185, thanks to a diet offered me by former Oklahoma All-American at 174 Jeff Callard (OU'75) at the Hall of Fame ceremonies in Stillwater, Okla.: "No chips, no cheese, no bread." The definition of "no," of course, is fluid in Millville but I'm indebted to Jeff, who recently cut from 220 to 180.

An editor's tip on taking two A's-aspirin and Aleve-after age 60: buyer beware, as the product labels "clearly" admit, if you have a magnifying glass handy to read them. When my surprise ulcers in March '15 lost half my hemogoblin with four days hospitalized, I learned the culprit was Bayer Back & Body Aspirin. Despite eliminating aspirin, I learned the April '16 culprit was Aleve; "luckily" only three days hospitalized. How do you learn you've lost half your hemoglobin? A.) One clue: inability to walk; B.) when they test you in the E.R. We're all created unequally, but as many now know, the correct "A" is acetaminophen (Tylenol).

Sam Dugan, 143 Pinecrest Lane, Lansdale, PA 19446. (215) 368-1895 (H), (800) 666-2671(B); samuel.dugan@ wellsfargoadvisors.com or srdugan@comcast.net, fadvisors.com/ samuel.dugan

Our 45th Reunion is now history. Many special thanks to Marty Matijasich and Eric Flicker for co-chairing the committee that put this all together. It's safe to say that a good time was had by all. In addition to Marty and Eric, the steering committee members included Jim Lichtenwalner, Jim Dale, Mike Pavlides, Ron Simpson, Peter Blau and Rich Revta. Jim Dale did a great job organizing our class dinner on Friday. He has been with the Metal Powder Industries Federation for the past 21 years, where he is vice president of member and industry relations. Ron and Pete were responsible for the class parade which highlighted "Electric Slide Rule." A

bunch of mid-60-year-old guys trying to do the electric slide was really something to behold. At least the slide rule actually functioned.

Other classmates in attendance included John Althouse, Jerry Berger, Bill Coder, John Foster, Bob Frazier, Barker Hamill, Bolling Haxall, Jon Hoimes, Skip Jennings, Bob Kendig, Gene Lucadamo, Tom Martin, Bruce Meyer, Bruce Morrison, Richard Whiffen and Tom Wible.

Wick Havens contacted me just before the reunion with the hope of being able to stop by and join us. It didn't work out. He's splitting his time between Pa. and N.C. where his wife, Donna, is the interim dean of the School of Nursing at U.N.C. Wick retired from the Pa. Department of Environmental Protection several years ago, but has retained an interest in environmental issues as deputy director of the Ozone Transport Commission. O.T.C. is a multistate organization created by the Clean Air Act to develop solutions to the ground-level ozone problem in the Northeast and Mid-Atlantic regions.

Wick was one of about 30 of our classmates to travel to Nice, France, in 1968 as part of a program to expose engineering students to a foreign language. Jon Hoimes, Mike Pavlides, Tom Wible and I were also part of that group. My wife, Carol, and I are returning to France this summer for a cruise on the Rhone River. We will be visiting many of the places we visited in 1968 including a few days in Nice at the end of our trip. I recently found my pictures of that 1968 trip, including one of "LEHIGH '71" scratched in the dirt in the middle of an old Roman arena in Nimes. I don't think the French approved. By the way, Jon is a senior principal systems engineer with BAE Systems in Nashua, N.H.

Part of the original reunion planning suggested a visit to the Asa Packer Mansion in Jim Thorpe (formerly, Mauch Chunk), but no one took advantage of it. Tom Wible, Carol, and I toured the mansion that Sunday, and I'm very glad we did. We learned a lot about Asa Packer and Mauch Chunk. Did you know he was the third wealthiest man in America in the 1870s and the richest man in Pennsylvania at the time of his death? No wonder Lehigh was tuition-free for the first 20 years. Mauch Chunk, the Switzerland of America, was home to 11 of the 26 millionaires in the country in the mid-19th century. Tom retired as a software engineer several years ago from Northrop Grumman. He's a founding director, vice president of technology and webmaster at Let Art Live On in Front Royal, Va.

I'll end this column on a sad note by reporting the death of **Joe Zinkavich** on May 20 in Kingston, Pa. An avid fisherman, Joe spent many years as a salesman in the building supply industry. He is survived by his daughter, Annie.

2722 Charles S. "Chuck" Steele, 2080 Flint Hill Road, Coopersburg, PA 18036. (610) 737-2156 (M); chuck. steele@alum.lehigh.edu Here is Part II about our class members who have been involved in medicine and related professions—served up alphabetically by surname. There are still too many of them to finish within the word limit, so this theme will be continued next issue, too—as Part III.

Richard L. Luciani, MD specializes in obstetrics/gynecology in northern New Jersey. He earned his medical degree at the University of Medicine and Dentistry in Newark and has been affiliated with St. Barnabas Medical Center throughout his career, having served his internship and residency there.

Nelson K. Lytle, MD attended Jefferson Medical College at Thomas Jefferson University, served his residency in the Geisinger Medical System in Pennsylvania and has spent most of his career affiliated with the Henry Ford Hospitals in and around Dearborn, Mich. Nelson specializes in internal medicine.

William N. Marshall, MD attended the University of Rochester School of Medicine and Dentistry. He is a pediatrician with affiliations at the Banner University Medical Centers at the University of Arizona in Tucson and is also a clinical professor of pediatrics there.

Jay Melman, DPM, MD earned his Earth and Nature Sciences and Biochemistry degrees, then attended Pennsylvania College of Podiatric Medicine, graduating in 1978. After that, he attended Eastern Virginia Medical School. Jay is a podiatrist and podiatric surgeon in Allentown, affiliated with the Lehigh Valley Health Network.

O. Thomas Mueller, PhD earned his doctorate from Penn State University Medical School in 1978. In 1987, he became an associate professor of pediatrics at the University of South Florida. Since 2005, Thomas has been director of the Biochemical and Molecular Genetics Laboratory at All Children's Hospital in St. Petersburg, Fla.

Bruce J. Mulder, DMD earned his BS in electrical engineering, then attended Fairleigh Dickinson University School of Dentistry and emerged as a dentist in 1977. Since 1988, he has had his own dental practice group, Century Oaks Dentistry, in Franklin Lakes, N.J.

Philip A. Nastasee, PhD is now a psychologist in private practice in Emmaus, Pa. He earned his doctorate in psychoeducational processes from Temple University and served as a staff psychologist at the former Muhlenberg Medical Center in Bethlehem. For 28 years, Phil was director of the Center for Psychological Consultation in the Lehigh Valley. He has also been a member of the adjunct faculty in psychology at Cedar Crest College since 1980.

Victor R. Risch, MD, PhD earned BA, MA, and PhD degrees in chemistry from Lehigh by 1975. He chose to enter Hahnemann Medical College, earned his M.D., and was then both intern 2nd resident in internal medicine at Thomas Jefferson University. Victor continued his education at Johns Hopkins University School of Medicine, where he served on the faculty while also specializing his own focus on both medical oncology and radiation/oncology. In 1988, he was recruited to become chairman of the Department of Radiation Oncology at Lehigh Valley Hospital, where he was instrumental in the growth of two cancer centers. Officially retired from full-time employment in 2009, Victor has remained busy providing locum tenens and consulting services to oncology programs in multiple states.

James J. Rosamilia, DC actually graduated from Lehigh with a BS in metallurgy and materials engineering. He spent a couple of years at Bethlehem Steel, after which he joined the Alloy Rods Division of Allegheny Ludlum as special projects engineer for another five-six years. Then Jim switched his career focus and enrolled at Northwestern Health Sciences University. He earned his Doctor of Chiropractic degree in 1987 and has his own private practice, Rosamilia Chiropractic, in Stillwater, Minn.

273 David J. Morrison, 936 N. Second St., Harrisburg, PA 17102. (717) 574-5370 (H), (717) 780-2657 (B); daveyrun@gmail.com **Bill White**, 5418 Holiday Drive, Allentown, PA 18104. bill.white@mcall.com

I still have more class news than I can squeeze in this time, so I'm going to take them in the order in which I received the information and carry the rest over until next issue.

Let's begin with a slightly abridged announcement from Provost Patrick Farrell about **Vince Munley**.

"It is with mixed emotions that I announce Vince Munley, deputy provost for faculty affairs, will step down from his post effective Jan. 20, 2017," Farrell wrote. "Vince began his role...in September 2010. During his time in the Provost's Office, Vince served as the key representative on faculty issues including shared governance, tenure and promotion policies, faculty work life balance, mentoring, Lehigh's AD-VANCE Grant, Lehigh's second ADVANCE grant that focuses on mid-career faculty, career development and supervising the faculty personnel review process. He served as an adviser to faculty, department chairs and deans in regard to faculty personnel policies, as well as ensuring effective two-way communication between the Provost's Office and individual faculty and faculty committees.

"In the spring 2017 semester, Vince will take a well-deserved academic leave, and will return as professor, department of economics, in the Fall 2017 semester, where he will re-engage in his scholarly work and doing what Vince loves—teaching our students.

"I know I speak for many colleagues across the university when I say that Vince's expert advice on the many aspects of faculty affairs will be greatly missed; and that we all benefitted from his counsel over the last six years."

Next, from Jeff Nelson:

"2015, due to health reasons, was a pretty dark year for me. Ultimately, I had to retire from Foster Wheeler after 27 years of service. I didn't want to, but circumstances basically left me no choice. Finally, in January things began to turn around, and now I'm almost back to being my old self. Some people (mostly my family) have indicated that that might not be such a good thing.

"In March, Elaine and I became grandparents again. Our son, Dan, and his wonderful wife, Amy, presented us with our second grandson, Peyton James. His big brother, Jeremy, turned 6 in April. They are all still living outside of Baltimore. Dan and Amy are both still teaching in the Anne Arundel County School District.

"Our daughter, Carol, and her fiancé, Mark, are living in Virginia, just outside the beltway west of D.C. She is still teaching in the Montgomery County (Md.) school district. Both being P.S.U. grads, they are getting married in State College in July. The wedding is going to have a distinct blue and white theme.

"While watching over me for the past year (no easy task), Elaine is also a substitute teacher in the Nazareth Area School District. Along with subbing almost full time, she has taken on the task (labor of love) of designing/making Carol's wedding dress and making the five bridesmaids' dresses, each of which is different. To add complication, only two of the girls live in the area, so she's seamstressing by remote control. She is truly a saint, and I am extremely blessed to have her as my wife. I honestly don't know what I would do without her."

My other two emails are from **Al Mix**, my old roommate, and **Dale Davidson**, who reminisced about the late **Jerry Schrepple**, who died March 15. I'll share both of those next time, but I will tell you now that Dale commented, "Until retiring to North Carolina, I saw Jerry regularly for almost 45 years. Don't know if you could ever find anyone more liked and with so many friends."

275^{Thom Hirsch, 139} McHenry Court, Chester, MD 21619, hirschlaw@verizon.net

Lehigh University is very fortunate to have **Jane (Palestine) Jamieson**, our classmate, on its board of trustees. Jane has been a trustee for over 13 years and has served under three different presidents, actually four, including Kevin Clayton '84, '19P, the interim president last year.

Jane worked with Kevin as co-chairs of the presidential search committee whose efforts culminated with the selection of John Simon, who is off to a fantastic start as Lehigh's 14th president. Naturally, Jane gets back to campus frequently. She meet with students, faculty, administrators and her fellow trustees and enjoys the experience immensely. Thank you, Jane, for your unwavering support of Lehigh University.

For those who do not know, Steve Villas just passed his 25th year with Hess Corporation in New Jersey, currently serving as vice president of Hess's Oil and Gas Marketing and president of Hess's trading subsidiary. Steve is looking forward to a mini-reunion in the fall with his fraternity brothers at Sigma Phi Epsilon who are in our class as well as classes from a few nearby years. Steve and his wife, Liz, a Bethlehem native, live in Summit, N.J. Steve continues to serve Lehigh as chair of the Dean's Advisory Council for the College of Education. We thank Steve for his many contributions in support of Lehigh University.

On a lighter note, **Doug Henning** reports he traded in his Saturn after over 250,000 miles of faithful service driving up and down the East Coast. It was running fine, but Doug wanted to purchase a Lehigh car—a brown Buick Encore. Not the Old Brown Cow, but close enough. No need to add the pinstripes though, Doug. Let's go O's.

Don't forget to like our class Facebook page run by our classmate, **Jeff Sherman**. It can be found at: facebook.com/ lehighseventyfive?fref=ts. Post some pictures!

Please send me an email about what you are doing these days, so I can include you in the next class column. Your classmates would love to hear about you.

276 Goehring, 10 Princeton Drive, Shamong, NJ 08088. (609) 841-0389 (C); MarkGoehringLU76@ gmail.com; Facebook: Yes.

Ann Louise (Werley) Price, 2 Colton St., Farmington, CT 06032. (860) 677-1295 (H); prokemo@comcast.net May 2017...less than one year away, and it will be time for our 40th (Can you believe it???) reunion!

Our class gift contributions are now making an impact on student recipients of our scholarships. Our Class of 1977 Endowment has a book value of \$255,426 and market value of \$348,133.

It works!! It really works!!! My random targeting of names a few columns ago actually got some of you to write in—thank you!!!

It was wonderful to hear from old friend, **Rob Abele**. Rob and Karen live in Minnesota. Rob continues to be active in his retirement, serving as chair for Vistage International, where he leads two private advisory groups for executives of smaller companies. Their son, Pat, is a first lieutenant and cavalry platoon leader with the 101st Airborne Division at Ft. Campbell, Ky., and son, Chris, graduated Loyola Marymount University in May.

Seems we are at the stage in life when our children are graduating. **Chris (Cardello) Modero** and her husband, Tom, have two children out of college now: son, John, graduated from James Madison University in 2011 and daughter, Gina, just graduated from Muhlenberg College in May. Gina enjoys yoga, book club and plays a mean game of bunco.

Jill (Schaffer) and Chip Gruver, married for 38 years, are doing well, living in Loudoun County, Va. Chip is president of Gruver Cooley, a 108-year-old family home building company based in northern Virginia. After 26 years of being the CEO for a Virginia-based non-profit helping intellectually disabled adults, Jill joined Gruver Cooley as COO.

Chip writes, "We have two grown daughters—Cathleen, who just received her master's degree in interior design and works in the family business and Julia who just started working with Deloitte as a HR consultant."

Chip also reported that he and Jill "recently reconnected with another Gryphon couple, **Carol (Meyer)** and Mike Crehore '78, and had a great time catching up. We were hosted by our fellow Gryphon, Scott Neilson '76, on his boat in N.J. We are looking forward to turning our business over to the next generation and making more time to visit old friends."

Tom Boone is a partner in the Gruver Cooley business and lives in Thousand Oaks, Calif. Married to Priscilla Boone, Tom has three children: Matthew, Kimberly '11 and Amanda.

Geoff Gordon is currently in his 24th year living in Sycamore, Ill. (60 miles west of Chicago), where he is chair and professor of marketing at Northern Illinois University (20,000-plus students). He writes, "I am going on my 36th anniversary with my wife, Sarah, who I met at graduate school at Duke University. I have two boys, David (25 years old) and Michael (22 years old). Both boys graduated from Xavier University in Cincinnati, Ohio. Michael is working in Grand Rapids, Mich., and David is working in Cincinnati. We don't get out East as much as we would like. When the boys were in college, we could count on one trip a year for the Big East Swim Championships as both boys swam at Xavier. Several years ago, I was able to visit with Carl Emerling as the Atlantic 10 (which Xavier used to belong to) Conference held their championship in Buffalo. Since then, Lehigh sightings have been few and far between for me. I hope all is well with my classmates, and I vow a return to a Lehigh reunion someday soon." How about May 2017 for our 40th!!?

Syd Weinstein writes that "after seven years at People-Metrics, including being made COO in 2014, I decided it was time to retire, and I pulled that trigger late in 2015. I've ramped down by doing some mentoring and consulting, but it's quite nice being able to actually find time to go to the gym. I've also become closer to Lehigh due to my time now being more available and enjoyed helping some teams at the recent Hackathon. We are also heading up to campus to have a farewell/ graduation dinner with our scholarship recipient student (she's been with us for the past three years).

Michele and I are now empty nesters. Our daughter, Sara, is getting married this September and our son, Joseph, now a Philadelphia firefighter (having moved back up from South Carolina) has his own place in the city. This is allowing us to travel more, and we are still travelling the fan-run Science Fiction circuit, looking forward to this summer's world convention in Kansas City, Mo. I'm currently on the board of the Society for Information Management, Philadelphia Chapter, and the English Ceramics Study Group of Philadelphia. That second passion is taking us to Williamsburg to spend some time back of house in the museum looking/ working on their ceramics collection. This year I will be publishing my 25th edition of Ars Ceramica, an archival journal on ceramics for the Wedgwood Society of New York."

Emil Kattermann is living in Farmingdale, N.Y.

Since July 2015, **Thomas** Weida is now working as chief medical officer and associate dean for clinical affairs at the University of Alabama College of Community Health Sciences. His wife, Jane, also works at the same college. He notes that it was definitely nice to be there when "y'all got that 30-inch snowfall." They did venture north in the fall for the wedding of his son, Nick, up in Boston.

Elliot Liebman has a question for our classmates. "Does anyone remember 'greekers'? They were hot dogs that were served by only two shops-Mike's or Lou's. I have asked a Lehigh graduate of the late '90s about them and he looked at me like I was crazy. My son Jeffrey, who graduated in the Class of 2016, took me to a deli on Fourth Street where there was a long-time resident of Bethlehem who supposedly knew everything about Bethlehem of our day. He never heard of either Mike's or Lou's or greekers. I am beginning to question my memory-hopefully not a senior moment. I remember quite clearly about going for greeker runs about 11-11:30 p.m. after a long night of studying

and getting two with a Yoo-Hoo. A true culinary delight back in those days. Does anyone from our class remember them?"

Elliot is currently living in Toms River, N.J., and formed his own company with a colleague of 20 years for international defense business and has been working this for the past two years. He lives 10 minutes from an excellent golf course, so he also reports that "my game has improved back to my college form. All three kids have graduated and are employed in various endeavors."

278^{Gail D. Reinhart,} 215 N. Center St., #1407, San Antonio, TX 78202-2723. ladygai lus@yahoo.com

My only mail since my last column was from **Rob Nahigian**, this class correspondent's best friend. Rob has been reappointed to the education subcommittee of the Massachusetts Real Estate Licensing Commission. The subcommittee is responsible for establishing continuing education requirements for licensed real estate professionals in the Bay State.

In addition, Rob continues to travel all over the country providing training opportunities for his peers in commercial real estate. His early 2016 speaking engagements included talks in Greenville, S.C., Auburn and Boston, Mass., Seattle, Wash., Houston, Texas, and Philadelphia, Pa. Rob is the principal of Auburndale Realty Co. in Newton, Mass.

Is anyone else out there? If so, give me a shout by snail mail, email or Facebook.

279 Lance M. Bell, 952 River Run Dr., Macedonia, OH 44056. (216) 538-4684 (C); lanceb344@gmail.com John Michel, a fellow Ch.E., wrote to say he's retired in Myrtle Beach, S.C., after 33 years with Kraft/General Foods in engineering and plant management, where he helped produce a lot of Maxwell House coffee, Jell-O and Oscar Mayer bologna in seven different states. He was also instrumental in helping a group rebuild the last remaining Frank Lloyd Wright-designed hotel in Mason City, Iowa.

While in Myrtle Beach, John enjoyed Lehigh-sized Coastal Carolina's shocking victory in the NCAA Baseball World Series. This reminded him of Lehigh's victory in the 1977 NCAA Division II Football Championship (a 33-0 shellacking of Jacksonville State), followed by all the excitement and partying on campus.

Rich Earl has been pastor at Mountainside Assembly of God church in Coal Township, Pa., since 1998. He and his wife, Faith, have three grown children and are involved in many projects including community work, writing, hiking and photography (I've seen many beautiful photos Rich has posted on Facebook after his many nature walks). Rich is the author of one book, "Shepherd's Balm" (available on Amazon), a devotional for Christian leaders and is currently working on an image-driven devotional and calendar.

Rich was asked to make a presentation on Lehigh's spiritual history as part of the Lehigh Sesquicentennial during Reunion 2016. This was the result of 20 years of research into Lehigh's founding. A copy of the presentation can be obtained by writing to Rich at richearl@ verizon.net.

I'd like to express my appreciation to both **Jeff Buzby** and **Dan Robinson**, for alerting me and our class to the untimely passing of their fellow ATO brother, **Tom Deutsch**. I forwarded the link to Tom's obituary for inclusion in the In Remembrance section, and Dan posted the link on our Class of '79 Facebook page. I am glad that we honor and remember our Lehigh classmates, and that we have built friendships that last a lifetime.

280 *Gary Chan, (847)* 902-8881 (C); gkchan80@alum. lehigh.edu

Hello fellow classmates! Hope you and all your loved ones are well.

Lorraine Bevilacqua

retired after 30 years in private practice in obstetrics and gynecology. Lorraine had been delivering babies for 36 years, counting medical school and residency. She is now enjoying her time traveling for vacations, visiting relatives and helping her children in their transition into "the real world." Lorraine is planning on going back to college to learn German and is sure she will be the only gray-haired person in the class. One is never too old to stop learning! She also volunteers at a clinic in Tampa, Fla., giving free gynecology care to the poor.

Steve Timmerman was on campus this past June to attend the commencement for the Class of 2016 as his son, Connor Timmerman, and niece, Jane Mousseau, both graduated. Also attending was his large group of Lehigh family graduates: sister, Pam (Timmerman) Mousseau '79, brothers Andy Timmerman '82 and Curt Timmerman '84; his wife Melissa (Manger) Timmerman '84; nieces Kelly '12 and Allison '14 Mousseau, and Karen Timmerman '12. Steve recently joined Smartsheet. com, a technology company in Seattle, Wash.

At this past Alumni Reunion Weekend, I re-connected with my fellow Tau Epsilon Phi fraternity brothers **Bob Gutstein**, Barry Glickman '79, Fred Hencken '79, Mike Sicinski '81, Marc Gravez '81, Wayne Baker '81, Hal Frasch '82, Greg Pichler '82 and Greg Bury '87. We had a great time catching up on where life has taken each of us over these many years and reminiscing of our wonderful times at T.E.P. and Lehigh.

It is opportunities like this that make Alumni Reunion Weekend so special. I encourage all of you to come back to Lehigh for our next reunion, and you will be amazed how much fun you will have. Please feel free to send me your updates throughout the year. It is always great to hear from you! '80! Go! Go!

Please help me out and send me updates on our class alums.

I live in beautiful rural Long Valley, N.J., with my husband, Damian Braga, who recently retired from Sanofi Pasteur, the vaccines division of the pharmaceutical company, Sanofi. We have two children, Matt (21) and Elizabeth '15, '16G (23). Liz graduated this past May from Lehigh with her master's degree in secondary education, having graduated last year (also from Lehigh) with her B.A. in English. Ironically, we both had Dr. Betsy Fifer for English. It's so great that Lehigh maintains such a strong legacy program.

As many of you know, our class celebrated its 35th reunion this past May, and I was able to catch up with some alums at our class dinner. Linda (Taylor) Ferguson was the recipient of the Alumni Award in recognition of all of her work and dedication to Lehigh. So, again, congratulations, Linda!

Linda has been an interna-

tional purser for American Airlines for the last 24 years. Many of you on Facebook have seen photos from her worldly travels. She and her husband, Randy, have lived in New Canaan, Conn., for almost 20 years. They have three children; their oldest daughter, Taylor, will be a junior at Syracuse University, and Katie will be a senior in high school and just spent the summer at Lehigh with PSGE, the Pennsylvania School Global Entrepreneurship Iacocca program. Their son, Tripp, is a three-sport athlete and will be a high school sophomore. Linda has worked in the Admissions Office at Lehigh and still interviews prospective students. She has also been involved in fund-raising. She and Anne Kline have been to most Lehigh/Lafayette football games for the past 39 years.

Laura (Yearsley) Riehl and her husband, Martin, attended the reunion dinner. Marty retired in 2015 after 34 years with Vanguard, a well-known investment company, and loves retirement. Their son, John, graduated in May from George Washington University with a master's degree in public policy. He hopes to get a job in the energy field and stay in D.C. Their daughter, Kate, also graduated in May from West Chester University with a degree in communicative sciences and disorders. Kate is currently working on her certification to be a sign language interpreter. Laura enjoys hiking, swimming, gardening and photography.

I also ran into **Phyllis Errico**, who lives in Hanover County, Va., just outside Richmond. Phyllis' entire legal career (32 years) has been practicing on behalf of the state and local governments, and she currently works as general counsel for the Virginia Association of Counties in Richmond. They provide advocacy, research, education and other support for Virginia localities.

Donna Anderson came all the way from Wisconsin to join our reunion festivities. Donna is a professor of economics at the University of Wisconsin-La Crosse, where she has worked for 22 years. La Crosse is located on the other side of the state from Milwaukee, b.t.w., on the Mississippi River. She is married with three children; one starting medical school and two currently in college. Donna plans to move somewhere warmer in the near future!

We recently received an update from **Martha (Flock) Raynor**, who lives in Redwood City, Calif., with her husband, Michael, and their three beautiful girls, ages 21, 17 and 15. Marty is the barn manager for the National Center for Equine Facilitated Therapy, a therapeutic riding program in Woodside, Calif.

The Lehigh 2016 football season is just around the corner. I hope to see some of you at the games!

PB2^{John P. Belardo,} 152 Berkeley Circle, Basking Ridge, NJ 07920. (973) 425-8755 (B); jpbelardolehigh82@gmail.com. On Facebook, like Lehigh University Class of 1982.

283^{Nancy Liu} Freedman, nancyliulehigh83@

Greetings Class of '83! I received a couple updates this time. Please email me (nancyliulehigh83@gmail.com) with any news and I will include it in the column.

From the inbox: Mike Sutter writes: "Married for 26 plus years to Cindy, several Delta Chi alumni attended our wedding in 1989. Three kids, Ben, 25, Taylor, 23, and Jordan, 19. Taylor graduated from Temple in 2015 and is teaching in the Philadelphia School District. Jordan just completed freshman year as pre-med at NYU. In late April '16, I started my new role as president and CEO of Chromalox Inc., headquartered in Pittsburgh. I have the pleasure of working with a great team, including Tom Wocklish, Delta Upsilon '81, and **Paul Reiff**, also Delta Upsilon. Paul and I were actually I.E. classmates along with my fellow Delta Chi **Mike Dicker**.

"Side note, I had the opportunity to attend the U.S. Open for a day at Oakmont and while there I ran into Pittsburgh native and another fellow I.E., **Ben Succop**, Chi Psi.

"I keep in regular contact with my fellow Delta Chi's and am proud to report that after a 10-year absence from the Lehigh campus, we were re-colonized several years ago as L.U.'s first non-residential fraternity, and as of the fall of '15, we now are fully residential and 'on The Hill' after many years off campus. A large number of us will be at the house at Lehigh-Lafayette this fall to celebrate our return to campus."

Karen (Bergen) '84 and Paul Bukowski sent a note with lots of news: Since relocating from Yardley, Pa., to Denver, Colo., for his job with Lockheed Martin, Paul was promoted to senior manager for quality engineering on GPS III. Karen is teaching high school math at Rock Canyon High School. Their son, Eric, graduated from Georgia Institute of Technology with a B.S. in electrical engineering, Tau Beta Pi, and highest honors. Eric is living in Denver pursuing opportunities with a startup venture. Daughter, Danielle, is working at Sterling Lord Literistic Inc. in New York City in the foreign rights department. Paul and Karen are enjoying the Colorado lifestyle and reconnecting with many old friends from when they lived in San Diego. Paul and Karen, we

miss tailgating with you at the football games.

Now, on to fellow classmate sightings:

While attending Alumni Reunion weekend, the only '83 that I saw was **Kira (Cauwels) Mendez**. I ran into her during the Wilbur building open house. There were amazing displays of the 3D printer projects. Kira was recently appointed to the Lehigh Board of Trustees. She was formerly the president of the Alumni Association Board of Directors.

At the parade, which was unfortunately held at Grace Hall because of the rainy forecast, I met up with Carole and Arthur Anderman '56, parents of **Lisa Anderman**. Arthur was celebrating their 60th reunion and did a fantastic job leading the reunion for his class. They had the most attendees for the 60th Reunion class and won one of the parade awards.

Gary Pan '86 invited me to the '86 class reception at the Steel Pub. I met Psi Upsilon brothers John Hoskins '86 and Mike Pagan '85, who was there with his wife, Theresa (Treadwell) Pagan '86. What was fun was reconnecting with guys from Theta Chi that I had not seen in over 30 years: T.J. Higgins '86, Peter Boyle '86, Duane Halsey '86, John Magura '86, Daniel Diehl '86 and Rich Bastian '86. Rich mentioned that all but two from their pledge class attended the reunion and most have been coming back each reunion.

Hey, '83 Theta Chis, I hope to see you at our reunion in 2018. We should have a contest as to which affinity group has the most in attendance. We have two years to plan.

At the sesquicentennial finale celebration and fireworks spectacular at Mountaintop, there was an electronic message board displaying famous Lehigh alumni throughout the years. It was exciting to see that Class of '83 had two famous alumni displayed: **Bobby Weaver**, gold medalist in freestyle wrestling at the 1984 Olympics, and **Maria (Mastras) Jacquemetton**, award-winning writer and producer for Mad Men.

This summer I attended several freshman sendoffs. Thanks to the hosts, Sharon Siegel Voelzke '88, Suzy (Eckert) Shea '84 and Gary Pan. Having sent two kids to Lehigh, I remembered how comforting it was to attend the sendoffs and meet other freshmen and alumni. I really enjoyed meeting and talking to the prospective freshmen and their parents. Other alumni who attended were Brad Parkes, Aliki Astreou '84, John McCawley '84, Brian Boorman '85, James Maida '85 and Ken Ball '82. While attending one of the sendoffs, I was surprised to discover that my nephew, Timothy Connors, was going to be a freshman in the Class of 2020. Another legacy in the family!

Enjoy your fall and winter and please keep sending your news. By the time you get this, football season should be over, and I hope you had the chance to join us at our tailgate at the home games in the reserved lot.

*** 8 44** Sara Dillon, 345 W 84th St., #2, New York, NY 10024. (917) 574-4233 (C); Dillon.Sara@gmail.com Harry Hawkes and I got to-

gether recently for drinks at the neighborhood speakeasy (really). He had an apartment on the Upper West Side that he used when traveling for work from his home on a farm in Cleveland and finally reached out. It was fun catching up on our current lives and memories of Lehigh. Harry has been consulting for PWC, and prior to that was with Booz. Harry's time on South Mountain is acquiring a new meaning as his son Harry started his freshman year this fall. Harry says, "It was fun seeing the campus, classes, Bethlehem and fraternities through fresh eyes. Much was improved, but thankfully the DNA of Lehigh remains the same."

I also ran into **Irene Math** at a Women's Lehigh Wall Street Council meeting. She continues to work for the 911 Memorial, which is five minutes from where I work at the NYSE, but we never seem to find the time to have lunch.

My husband was playing at the Scranton Jazz Festival, and I took the trip to have lunch and dinner with Lisa Pettinato Davis and her family. Lisa has been living and working in Scranton since graduation. She was leaving the next day to move her daughter Taylor to Chicago, where she was starting law school. I drove her son JC back to the city, where he lives in Brooklyn and works in the restaurant business. Her third oldest was also starting college in the fall, so Lisa and Jim will be down to one child at home. Almost empty-nesters. And Grace Poole's daughter started school this fall. She is a freshman at the University of Chicago.

For any classmates in New York City, or passing through, I'll trade drinks for news. Give a call.

285^{Jennifer} Sheehan, 240-401-3724,

jksheehan@aol.com This summer **Patti Scanlan** visited us with her husband John and three young kids, Rebecca, Eric and Daniel. They were driving from their home in Missouri to the beach in New Jersey, with stops in North Carolina and Maryland. I complain about having to make a twohour drive, but Patti regularly makes 10-hour treks like they're nothing!

Rob Swart, who lives much closer to me, joined us as well.

We had a great time catching up. Rob is working in Virginia for Campaign & Mail Data Inc. (CMDI) as I.T. director.

While flipping through development news from Lehigh, I noticed that **Clare (Crabtree) DeNicola** and her husband, Frank, have made a substantial gift to Lehigh's Africana Studies program. "The Africana Studies program has such potential to broaden the experience of so many students at Lehigh and move the school forward progressively," Clare commented. I say, bravo Clare and Frank!

Mary Ellen Bligh-Tynan tipped me off that Nancy Harned spent part of the summer visiting Navy Expeditionary Combat Forces stationed in Hawaii, Guam and Okinawa, Japan. Nancy serves as executive director of the Navy Expeditionary Combat Command, a war-fighting force. She is based in Virginia Beach.

Hope to see some of you on Family Weekend, October 7-9. In the meantime, please drop me a line and let me know what you are up to. If you haven't already, please "like" the Lehigh University Class of '85 Facebook page.

Pave Polakoff, 400 E. 71st St., #3K, New York, NY 10021-4874, david@dpolakoff.com or Classcolumn@lehigh86.org, '86 on LinkedIn—linkedin.com/ groups?gid=39120&trk and '86 on Facebook—facebook.com/ pages/Lehigh-University-Classof-86/184033538327641

"One Bourbon, One Scotch, One...Diet Coke?" (Definitely not John Lee Hooker.)

Laurie (Bevan) Marshall writes of her dismay from looking around the reunion and, by 7 p.m., seeing too many nursing beers and way, way too many with seltzers and Diet Cokes. So despondent was Laurie ("How despondent was she?"), she exclaimed (not aloud, but telepathically, to me), "What the hell kind of Lehigh party is this? Not a single, sloppy drunk in the place." Full disclosure, unable to attend the '86 reunion, for the first time, I was elsewhere, being the single, sloppy drunk; hope you felt, telepathically, the return energy, Laurie, brought to you by the good people at Jack Daniel's.

In person, Laurie connected with Kate (Nealis) Prendergast, Jane (Baldwin) Rencarge, Judy Hanauer Spring, Sueanne Schulman, Tammy (Della-Rodolfa) Thompson, Sue Lustig, Sharon (Kanovsky) Richter, Kari (Hackbarth) Arienti, and Dr. (not really) Steven Berns. Laurie's son, Sam, is a Lehigh frosh.

Other legacies, and I mean legacies, not legendaries, include John Magura's daughter, Lehigh sophomore, Nicole. At Reunion, John put white stuff on his nose, and along with fellow Theta Chis, T.J. Higgins, **Rich Bastian, Frank Mune**ro, Pete Boyle, Ken Fuirst, Vince Muller, Todd Griesemer, Duane Halsey, and Dan Diehl, put Blotto's "I Wanna Be a Lifeguard" on repeat, and did shots of beer, Coppertone, and Pepto-Bismol, not necessarily in that order. If trick-or-treating at John's, expect Toblerone; not Hershey's. Mags is vice president global supply chain for Tyco Fire Protection Products and relocated with wife, Tina, and two daughters, to Zurich following 17 years in Doylestown, Pa. A classmate of Nicole would be Ray Hovey's son, James.

Visiting daughter, Leah, studying veterinary science, during an Australian semester abroad, Angie and **Gene Marks** snorkeled the Great Barrier Reef, ran with kangaroos (beating them out, in his dreams), and fought crocs (or maybe bought a pair of Crocs; tough to read Gene's handwriting). Angie and Gene's boys are college seniors, one studying accounting or soccer; the other a mech engineer. With kids out of the house, Gene sold the house, and swapped suburbia for Center City, Philadelphia. No kids, no lawn mowing, and in the center of Philly, Angie and Gene are living their version of Alicia Bridges, as "They love the nightlife, they've got to boogie, on the disco 'round, oh, yeah." Oh, wait, it's Gene's handwriting again; correction, "They love the nightlife, they've got to boogie, on the couch watching Netflix, oh, yeah."

Prepare for a remote control fight, Gene, from Mike '85 and Ronni (Levine) Aronow, as daughter, Alyssa, is at Tufts, where her brother, Brian, is a senior (he's also a senior at The New England Conservatory of Music), and brother Ben is at Stanford grad school, following his New York Yankees analytics internship. Ronni continues supporting college students on the Autism spectrum but will also travel, explore new passions, reconnect with old friends and spend more time in the Berkshires.

Karl Strauss Brewing Brewpub Chieftain, Fred Glick, following his practice marriage, is remarried to wife, Felicia. Fred's eldest son graduated Cal Poly Pomona, also tapping happiness in the hospitality industry. Fellow drummer, John Marren, director of global risk and insurance management, CSL Behring, had his stepdaughter, Katelyn, graduate from Wake Forest and get a job with Vanguard in Malvern, Pa., so he packed up the old house, moved 300 yards away and then welcomed Katelyn back home. John is now behind the drums learning the discography of Crowded House, including hits "Don't Dream It's Over," "Together Alone," and "Locked Out."

Speaking of moving, "I'm moving on, I'll see you somewhere down the line. (BB King)."

Laura M. D'Orsi, 2**0**7 26 Falcon Ridge Circle, Holmdel, NJ 07733. (732) 241-5229 (H); lauramdorsi@yahoo.com I recently heard from Patricia (Matthews) Canning '87, '88. Last July, she launched a women's triathlon group, Team TRIumph, for women living in and around the N.Y./N.J. area. With more than 50 members, Team TRIumph recently competed in a sprint triathlon (swim quarter mile, bike 12 miles, run 3.1 miles) where its members placed in four different age group categories. Patricia can be reached at patmatcan@yahoo. com if you would like to get involved in her triathlon group.

Mark Kavulich also reached out to me from Naples, Fla. Mark and his wife, Michelle, and kids, Mark Austin (16) and Lexi (14), are all well, and are still in Naples, where they have been since 1998. They are not planning on moving anytime soon since the kids will probably be going to University of Florida or another great Florida school. Mark is still self-employed as a licensed Florida general contractor and stays very busy since things have bounced back from the doldrums of 2009-2010. The Kavulichs like to visit N.Y.C. once or twice a year and someday hope to make it to Lehigh-Lafayette weekend. Mark and his son enjoy playing golf, and he hopes he makes his college golf team, like Mark did. Mark's daughter is a very avid dancer and she competes statewide. Mark's wife, Michelle, enjoys horseback riding (he has three horses in their backyard), but it is a lot of work for anyone who wants to get interested in riding. Mark is planning on attending our reunion.

Our 30th Reunion is scheduled for May 19 to 21, 2017. Please calendar it and contact friends about attending. Hope to see you all soon.

2888 Kellie Fisher, 34 Valentine Street, Monmouth Beach, NJ 07750. (732) 222-7460; kellie_ fisher@yahoo.com

By the time you read this, the hot summer nights will be a faint memory...Hope you all had a fabulous summer and all the 50th birthday celebrations have continued! Weather at the Jersey Shore did not disappoint, and I was happy to cross paths with several of you and other Lehigh alumni throughout. The mailbag was empty, so thanks to the FB family for providing the following updates.

Paul Sarkisian hosted some Phi Sig pledge brothers, including Rick Potts, Jon Turner, Tom Halma and John Laposky, and their families, at their annual summer gathering at Oquaga Lake, N.Y. Jon and his wife, Anne, recently opened a bagel store, Blondie's, near their home on Daniel Island, S.C. They have two sons. Jon reports business is booming. Stop by if you're in the Charleston area. Rick lives in Rogers, Ark., with his wife, Heidi (Lechten) Potts, and their two sons, and runs a consumer product-testing lab. Tom is an H.R. exec at PP&L and lives a stone's throw from Dorney Park in South Whitehall, Pa. Tom's wife, Fadia, attended the Democratic National Convention in Philadelphia as a representative of the state's Democratic Party. They have two daughters. John is the editor-in-chief of TWICE Magazine, based in N.Y.C., and lives in Berkeley Heights, N.J., with his wife Danielle (Weiner '90) and their two sons.

Shannon (Strauss) Dougherty dropped me a line from Cary, N.C., and reports all the AOPi ladies will be meeting for a September weekend in Avalon, N.J., to celebrate their 50th birthdays. She promised me an update for the next column. Her oldest son just finished his master's in analytics, got married and works for Dell in California. Her second oldest graduated from college, got engaged over the summer and is joining the Air Force. She has two more in college, two in high school and two in grade school. She noted there is never a dull moment in the Dougherty household.

Katie (Bristow) Myers dropped me a line and reported that all is good in the Pacific Northwest. Katie is working as an attorney at Microsoft, helping them build out their global fiber optic network. It's geeky, and she loves it! Her eldest daughter just graduated from Western Washington University with a degree in psychology and is looking for a job now. Her youngest is also at Western and also pursuing a major in psychology. When not working or parenting, Katie is playing as much music as she can. She co-founded a community band in 2010 that is going strong, where she plays the flute, some guitar and piano and also sings.

Katie (Edwards) and John Cassidy are taking their second daughter down to Nashville for her freshman year at Vanderbilt. She opted not to follow in her big sister's footsteps at Lehigh. Tracey (McCord) and Jim Bowman now have an excuse to visit Tampa, as their son, Andrew, will be a freshman there. Susan (Zimmerman '89) and Hank Jenkins are traveling to Oregon to drop their oldest daughter, Ginnie, at Reed College. Luanne and Bryan Kleppe are road-tripping to Ann Arbor to drop their oldest, Sarah, at Michigan for her freshman year. How is it all of these kids are in college?

And a highlight of my summer tour was connecting with a whole crew of Lehigh alums at Citifield for an old-school tailgate to hear Dead and Company. It was great to see and throw back a few with Jim Hausmann '89, Rob Kossar '89, Pam Sprayregan-Weissman '91, Elisa (Davis) Hecht '91, Anders Lofgren '91, Steve Hafif '89, Bill Rowley '89, Jim Mintzer '90, Ted Guthrie '86, Andy Wolk '86, Bill Orfanon '86, Stephan Kiratsous '86, Eric Ashbridge '87, and Wight Martindale '85. And while we all still miss Jerry, hanging with so many alumni across multiple class years and living groups, reminds me again, how much I love Lehigh.

Until next time...hope to see some of you floating around for Lehigh-Lafayette.

Page Jocelyn (Gitlin) Deutsch, 9 Vincent Lane, Armonk, NY 10504. jocelyn deutsch@hotmail.com

Let me start with apologies for missing our last column. The success of the alumni magazine comes from the news that you provide me and to say it's been a little light is an understatement. Please consider dropping me an email at jocelyndeutsch@ hotmail.com with any news you can to share.

First, let's offer our congratulations to **Brett Paddock** on his engagement. We couldn't be happier that you have finally found someone to share all your adventures. Brett's bachelor party was in Newport, R.I., on Aug. 27. They were to race three America's Cup yachts as part of the festivities. There was to be a Lehigh boat that included 12 Lehigh alumni. Brett predicted it may not be the fastest boat, but might be the most fun!

Congratulation goes to my Lehigh roommate Jill (Seibert) Schelling. Her son, Tommy, a junior at The Delbarton School in Morristown, N.J., has accepted an offer from Lehigh to play lacrosse. His outstanding athletic ability, superior academic standing and hard work will serve him well at Lehigh.

The first weekend in August, I will be participating in my 14th Pan-Mass Challenge to benefit the Dana-Farber Cancer Institute in Boston. The PMC is a two-day, 180-mile bike ride (I ride one day for 90 miles...It's enough riding for me) through the state of Massachusetts. The PMC donates 100 percent of every rider-raised dollar to Dana-Farber Cancer Institute. Founded in 1980, the Pan-Mass Challenge is an annual bikea-thon that today raises more money for charity than any other single event in the United States. If you would like to learn more, feel free to check out my story on PMC.org or Facebook.

Howard Miller is living in Gaithersburg, Md., with his wife, Rachel, and children, Emily (14) and Justin (11). He took his hard-earned mechanical engineering degree and is currently working in hospital administration as the director of finance for Shady Grove Medical Center in Rockville, Md. He is in touch with Ken Borislow, who is a partner at Borislow, Factor, and Kaufman CPA in Blue Bell, Pa., and Scott Nestler, who is now a Ph.D. and associate teaching professor in the Mendoza College of Business at The College of Notre Dame after more than 25 years of military service. He recently reconnected with Randy Shimer, who is living in Georgia and is working in the mechanical design field.

Beth-Ann (Malinowski) Eason is happily married to Tony Eason (not the football player) and has two sons, Rick (15) and Quint (14). They live in Westport, Conn. Beth-Ann works for Innovid, a video-marketing platform that was founded in Israel and is now based in Manhattan. She was thrilled to travel to Israel this spring for business and enjoyed the amazing experience.

Finally, we want to wish Jay
and Neil Canell congratulations on yet another successful business venture. They are pleased to introduce all of us to MiRide, the easiest tap to go app designed to deliver the luxury experience that moves you. Currently available only in South Florida, MiRide is your ride for chauffeur-driven, top-tier black car service to delight and deliver you for airport pick-up and drop-off, shopping, dining or the famous Florida nightlife for slightly more than a taxi, with no surge pricing. The app is available on iPhone and Android. If you would like to give it a try, Neil and Jay are happy to offer their Lehigh family a gift of \$25 off your first ride using promotion code "CANELL25." I am sure it will be well received, and you can check it out at miride.com.

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Samantha (Leff) Dorf shared the very exciting news that she and her husband of 23 years Bryan will be dropping their son, Scott, off at Lehigh this fall at the M&M House to begin his freshman year on South Mountain. Their family lives in South Salem, N.Y., where their younger son, Kevin, is learning to drive and plays soccer all year round (presumably not at the same time...). Bryan has been working as an internist in Stamford, Conn., for the past 17 years, and Sam is the practice manager at his office where there are six other providers.

Barbara (Yingling) and **Michael Lewis** also had some legacy news of their own. Their son, Ryan, will also be attending Lehigh in August to begin the Integrated Business and Engineering program there. They've called Berkeley Heights, N.J., home for the last 11 years along with Justin, 15, and Cosette, 7. Barb is a sales associate with Weichert Realtors in Summit, N.J., and a contract consultant for the National Association of Realtors. Michael just started a new client services role with Wunderman in N.Y.C., and is interested to reconnect with any alumni in the WPP network of companies.

Mark Hammes wrote that he and his wife Laura (Frith) have fully transitioned into midwesterners after living in both Chicago and Ft. Wayne for the last 16 years. He even has two Hoosiers in the family to prove it! Mark has been with GE for 21 years and currently manages the U.S. O.E.M. and distribution sales team for GE's Power Conversion unit (electric motors). Not bad for a mechanical engineer. (Those are Mark's words, not mine!) Laura's a swim coach and busy with all things kids and house-related.

Laura (Jones) Cochran lives with husband, Wayne, and kids Sophia, 10, and Jacob, 8, in Fayetteville, Ga., original home of Chick-fil-A, and now home to Zac Brown, Pinewood Studios (Ant-Man'15, Captain America '16), and minutes from Senoia (The Walking Dead). (Halloween must be a blast in her neighborhood!!) She "retired" from the corporate world after their first child was born and now "manages" their home and children, as well as volunteering at school, church and the homeowners association. Wayne is a pilot for Delta Airlines and currently working in the Chief Pilots Office in Atlanta. She remains in touch with Christine (Corcoran) Bailey, who remains "forever young" in Westfield, N.J., and Michelle (Goldstein) Schwartz, who lives close by and joins in the fun as well.

Stacy (Goldstein) Lettie is married to Mark '89 and they have three sons—19, 16 and 10. Their eldest is a sophomore at University of Delaware. She said she had recently switched jobs after 10 years and is now an attorney at Risk Management Solutions in Hoboken, N.J.

Stacy wrote that she had just attended an Alpha Gam BBQ this past summer and had caught up with **Kerry Koenemund-Hill, Stacey (Feldman) Anderson, Maria (Dezse) Weingarten, Alison Estey, Linda (Eickemeyer) Kelly**, and Nicki (Berger) Sherman '89.

Kerry is married to **Matt Hill** with two children, a girl, 15, and a boy, 12. She works at Nielsen, while Matt is the CFO of SS White, a dental manufacturer headquartered in Lakewood, N.J.

Stacey has her own marketing business and lives in Montgomery, N.J. Her daughter, Kelly, is 17, and her son, Zach, is a sophomore at Allegheny College, where he plays tennis.

Maria is in Ridgefield, Conn., and is both a chef and a real estate agent. She has an 18-yearold daughter who is headed to her freshman year at University of Richmond, and two sons, ages 15 and 12.

Alison Estey owns an Edible Arrangements franchise in Vermont and is an adjunct faculty member in the business school at Champlain College, but according to Alison, her most important work is as a PSIA ski instructor at Stowe Mountain Resort. She loves having people come visit her (hint, hint). She has two boys, 9 and 11.

Linda and **Jim Kelly** live in N.Y.C. and Mantoloking, N.J., and have four boys ranging in age from 15 to 2.

Nicki lives in Whitehouse Station, N.J., with her husband of 20 years and children Lauren, 12, and Justin, 16. She works for Sanofi as the global head of leadership development.

Sue (Snyder) Holland is also in Connecticut with three girls, 17, 14, and 10, where she has a social media management

company.

Linda (Micale) Howley has two daughters, 9 and 4. Linda and Lynda Stone '91 operate their own architectural firm, Stone Howley, in West Hartford, Conn. Linda's husband, Greg, works in Hartford, Conn., as a programmer for Cornerstone Development.

291 Diana Zoller Perkins, dianazoller@

92^{Larry Webster,} lwebster19@ gmail.com

293 Christopher P. German, 111 Glezen Lane, Wayland, MA 01778. cpgerman1@gmail.com I hope everyone is enjoying their summers.

I have a few quick updates: **Steven Napolitano** lives with his wife and three children in Mahwah, N.J., and is a principal with SNS Architects & Engineers in Montvale, N.J. He is also a professor of mathematics at Ramapo College of New Jersey and is an arbitrator with the American Arbitration Association. He has been getting together with his fraternity brothers from Delta Phi often and visits Lehigh any chance he can get.

Marshal Villarosa has been living in San Francisco for the last 20 years working in enterprise software sales—the last two years at New Relic Inc., which went public at the end of 2014. He and his wife, Lisa (SMU class of '04), welcomed their first baby, Ryan Paul Villarosa, on Dec. 31, 2015.

And, finally, I would like to congratulate my fellow Delt brother, Jack Mitchell, who was recently appointed an at-large representative to the board of directors of the National Funeral Directors Association. In closing, I would like to generate more updates for our classmates by using a variation of the Professor Sinclair method of class participation by arbitrarily calling on each of you to solicit updates you may have on the following classmates of ours: **Heather Nelson, Chris Friedman, Keith Sutton, Ted Durkin, MJ Forrest, Jo An Monaco** and **Monica Rosensteel**.

***94 Michael B. York,** 215 W. 88th St., #5D, New York, NY 10024; michael.york@ nyplaw.com

Over the past few summers, Lori, the kids, and I have spent a lot of time in the Lehigh Valley. For those of you that live in the area, you know how much it has changed since the '90s. For those of you that have not been back since 1994, go back! The restaurants in the downtown area are terrific and the entire Bethlehem Steel property is unrecognizable. It's a lot of fun for the whole family.

Brian Ricker works for CBRE Inc. in N.Y.C., doing environmental due diligence. He and his wife Rebecca and kids Zach (10), Emma (8), and Lily (6) live in Lincoln Park, N.J. Dan Johnson has been overseeing the design and installations of Façade Access Systems on rooftops and skyscrapers in major cities throughout the U.S. since graduation. I am just hoping that Dan was not responsible for allowing Lafayette to put their hideous colors on the Empire State Building! Mike O'Hara works with Bohler Engineering in Washington, D.C. He recently traveled to Hawaii with his wife, Marie. They have a son, Brennan (2).

Jen (George) Makover lives in Rowayton, Conn., with her husband, Pete, daughter, Anna (12) and son, Max (9). Jen and her husband both played college lacrosse and met at a **Cynthia (Soltys)** and Griffith Welton '88 and their two sons, ages 7 and 10, are living in London for a three-year secondment with PriceWaterhouseCoopers. When back in the United States, they live in Summit, N.J., and are active at various Lehigh events. Before living in Summit/London, they lived for three years in Seoul, South Korea, on a separate secondment.

Michael Moffat was recently elected into the West Virginia House of Delegates. He represents 36,000 people in the State's 22nd District. In a heavily Democrat district where he lost by 411 votes in 2012, he won by nearly 700 votes this time. Michael and his wife, Amy, daughter, Lindsay (7), and son, M.J. (5) have lived in West Virginia for almost a decade. In addition, Amy recently became the first female production manager at the Toyota Motor Manufacturing plant in Buffalo, W.V., where they produce engines and transmissions.

Stacey (Lifton) Popko, M.D., lives outside of Pittsburgh, Pa., with her husband, Brian, and son, Ben. She is a physician editor at MCG, part of the Hearst Health network. Kevin Happ has been working at FLSmidth since graduation! The Happ family recently returned to the Lehigh Valley after nearly seven years in Copenhagen, Denmark, where he was working at the company's headquarters. After 17 years at Air Products and Chemicals in Allentown, Jeff LaGrassa is now a research and development chemist at BCI Surface Technologies in Reading. He and his wife have two children, Mya (3) and Marus (8).

If we are friends on Facebook, you are either well aware of my obsession with SoulCycle, or have simply unfriended me at this point. Honestly, I wouldn't blame you. But why bring it up here? Becca Raphael '10 is one of their absolute best instructors and one of my favorites. She teaches in N.Y.C. at the Noho and Bryant Park Studios. Take her class! Sign up fast, though-her classes sell out faster than Zetes Spring Fest '94 T-shirts! Becca is engaged to fellow 2010 classmate Ryan Walters.

I hope to see you all at Lehigh-Lafayette this fall!

Bridget O'Con**nell**, 1840 U Sycamore St., Bethlehem, PA 18017. (610) 868-6605 (H); bmo3@lehigh.edu It was great to hear from several alumni for this column! In entertainment news, D.J. Viola directed the new movie "Tell Me How I Die." According to Entertainment Weekly, "The film is being released by Base Station and Big Block Entertainment and debuts in select theaters, on iTunes, and via V.O.D. on Sept. 16." I hope you have an opportunity to check it out!

I also heard from **Julie** (Egloff) Hoskins and Alison Smoller. Julie married Michael Hoskins in 2006 and she has three children, James (6), Abigail (5), and Sarah (2). She and her family currently live in Hummelstown, Pa., and she recently celebrated her 10th anniversary with Dell, where she is the project management office lead for the Enterprise Solutions Group. Her husband is a financial advisor for Edward Jones.

Alison is married to Gregg Mojares and they have two children, Brielle (8) and Zachary (7). Alison and her family live in Marlboro, N.J., and she works in her own private medical practice, Developmental Pediatrics of Central Jersey, which she opened in 2013. Her practice is located in Oakhurst, N.J., and she diagnoses and treats children with Autism, ADHD, developmental delay and learning disabilities.

· Jen (Crimmins) Keen, 17 Windsor Drive, Foxborough, MA 02035. (508) 543-5036; jen@keensense.com I write this Bulletin on the day after the ending of the reunion. I, like many of you, had thought I'd be at Lehigh for our big 20th Reunion. But life with kids gets/got/will get in the way of our plans. We had nine soccer and lacrosse games (I coached two of the teams), and my fourth-grader was earning his stripes in his first theater production as Zebra 1 in The Lion King, Kids. All that, and a 9-week-old golden retriever puppy. So, alas, I missed the big weekend. Thankfully, in my stead, I asked Jim Hernjak for a recap:

"Thanks to everyone that made the trip back to campus to celebrate our 20th Reunion and Lehigh's 150th! It was a fantastic weekend where we reconnected with classmates and friends. We were very photo and video friendly during the alumni parade-it is nice to make both YouTube and the Bulletin. Thanks to our reunion planning committee for all their hard work. Thanks to Eric Varady for leading our class fund-raising efforts, where we exceeded our goal. We look forward to planning our silver reunion in 2021."

I haven't heard from anyone in months, so I've got no other news to report. If I don't hear from you, no one will know about your new kids, promotions, moves, etc. Please, please, please send me some news so I don't keep having blank columns!

297^{Lopa (Patel)} Zielinski, Madison, NJ, Lpzielinski@gmail.com

Many thanks to those who have provided me with updates. I am always looking for news to update our class, so please do not hesitate to send information my way!

Jeff LeVeen relocated to Daniel Island, S.C., outside of Charleston in July 2015. He and his wife, Martha, have four children: Mackenzie (8), L.J. (7), Willa (5), and Charlotte (3). Jeff is a managing director and the head of the outsourced trading group at Jones Trading located in the firm's Charleston office.

Derek Moore is a licensed real estate salesperson with the top luxury real estate firm, Houlihan Lawrence. He covers all of Westchester, N.Y., and writes if any alumni or their friends are looking to make the move from the city to the suburbs, he is happy to assist. Derek's website is DerekMoore. com.

Jen Fernicola-Ronay, aka Fern Ronay, published a new novel, "Better in the Morning", which tells the story of a single, 29-year-old Manhattan lawyer who is guided in her dreams by her dead Italian grandparents. Jen writes, "It's a story about a woman who has 'first-world problems'-dating issues, career issues-but there is a spiritual element and a curiosity about the meaning of it all. So, I also call it 'existential chick lit." However, "Better in the Morning", which was released by Red Adept Publishing in April 2016, is not just for the chick-lit crowd. Internationally known psychic-medium John Edward read it and interviewed Ronay for his online show, Evolve. The episode is expected to air at the end of 2016. Better in the Morning is available on Amazon, Barnes & Noble, Kobo and wherever books are sold. Jen now lives in Los Angeles

with her husband and is working on her next novel.

298 *ki, gjk4@alum. lehigh.edu* This past July, I finished a three-year term as a young alumni trustee on Lehigh's Board of Trustees. It was a great experience to be able to help Lehigh and to work with the other trustees who are very dedicated to our university. I would like to thank all of you for your support over the past three years.

There are plenty of ways to volunteer for your alma mater, some as simple as working with an affinity group of friends from Lehigh. For more information, see: mylehigh.lehigh.edu/volunteer.

Enairo J. Urdaneta-Ponte writes that he and his wife, Claudia, live in Chile with their 4-year-old son, Agustín, and their daughter, Victoria, born in January 2016.

Melissa (Poole) and Chris Rhodes live outside of Washington, D.C., with their two kids—Eliza (11) and Toby (10). Chris has been with CGI (formerly AMS) since graduation. Melissa opened up her own travel agency in 2015, Simple Luxuries Travel, after being a travel consultant for many years.

Looking forward to hearing from all of you and seeing many of you at fall football games. Please share your news, and I will make sure that it makes our class column.

Class of 1998 Facebook Page: facebook.com/groups/ Lehigh98/

My Lehigh (Class of 1998): mylehigh.lehigh.edu

P999^{Karen (Smith)} Fischer, kms5lehigh@

gmail.com

Hello, Class of 1999! I hope you all had a wonderful summer and are enjoying the beautiful fall.

This class column update is thanks to those of you who are helping with my column callouts! I caught up with Curt Underwood, who is doing very well. He and his wife, Patti (Crowley) Underwood '00 are living in Lynnfield, Mass., with their two adorable children, Ellie (7) and Greg (4). Curt is a partner at Oliver Wyman, a global management consulting firm, working in operations and strategy consulting, mostly for energy companies. Patti has her Ph.D. in nursing and is working at the Veteran Affairs helping veterans with diabetes. Curt joked that she is clearly the more virtuous half. A recent project at work brought Curt back to the Lehigh Valley. He shared the following: "I was able to show my team around and take in some old favorites, including trivia night at the 'Ho (we won and spent the winnings on pitchers for all the students present), a drive over South Mountain and down 'the Hill,' a round at Saucon Valley, etc. It was great to be 'home!'"

Curt is looking forward to **Chris Engel** providing an update for our class. He also mentioned a particular nickname for Chris, but I'll only include that if I don't hear from him before my next column, haha!

The "we'd-like-to-hearfrom" group is growing, so I need your help! Please let your friends know if you see their names here-we're waiting to hear from Brian Pope, Amit Kumar Sen, Ryan Smith, Justin Genzlinger, Charlie Tier, and Nicole Forney. If you're reading this and see your name, please drop me a note so I can let everyone know how you're doing. Feel free to include someone you'd like to hear from as well. The more the merrier!

Thank you for reading and please let me know if you have any news you'd like to share. Wishing you all the best! POOCCOFINA Fisher, (732) 688-3671 (C); corina_fish er@yahoo.com

2012 Sabrina McGuigan, mcguigan_sabri na@yahoo.com

> 02^{Noelia} Cabrera, noelia. cabrera@gmail.com

203 Safiya (Jafari) Simmons, 1841 Bruce Pl. SE, Washington, DC 20020. safiya_ jafari@yahoo.com

204 Editor's note: To share your news or if you would be interested in becoming your class's correspondent, reaching out to classmates and writing a column three times a year, please contact the Alumni Office at 610-758-5268.

205 Jessi (Schimmel) McMullan, jessi.mcmullan@ alum.lehigh.edu

Let me begin by thanking **Melissa (Alexander) Dallmeyer**, who has served loyally as our class correspondent. She has stepped down as her growing family is keeping her on the run these days!

Hi guys. I'm stepping in here with hopes of hearing from many of you and helping our class stay connected to one another and our alma mater.

I'm **Jessi (Schimmel) McMullan**. While we were in school, I could usually be found in the offices of The Brown and White or the Alumni Association. After college, I went on to get a master's degree in international human rights from the University of Denver. My career history winds through international campaign management and advocacy, strategic communications for local government, and right back to Lehigh, where I worked in the Alumni Office until the end of 2013.

I married our classmate, Jason McMullan. Jason went on to get his Ph.D. from the University of Delaware in chemical engineering. In 2014, our son, Ben, was born in Houston, Texas. And just this July, we moved back to the Lehigh Valley. (We've moved around a bit. That's Pennsylvania, Delaware, Colorado, Washington D.C., Belgium, Delaware, New Jersey, Pennsylvania, Texas, Pennsylvania in case you are trying to keep track. But I don't recommend it.)

Jason works for ExxonMobil as a senior research engineer, and I'm doing freelance writing/editing and project management focused on higher education and volunteer management.

I hope I can represent our class well in this space, but that means I'll need help from you. Please feel free to reach out to me via email or Facebook to connect and share your stories. (Who can top the number of moves above?) Also, look up our class's Facebook page (search for "Lehigh University's Class of 2005") to stay up-to-date on class happenings.

Hope to hear from many of you soon!

2066 Katie Murray, katiemurray 2006@gmail.com 2077 Brian Roth '07, LehighClass2007 @gmail.com Class of 2007, we're coming up on our 10th Reunion, remember to start making reservations. Thanks to everyone who wrote in, we have a few updates for you.

This past May, **Daniel Wagner** and his wife, Christine, welcomed their second daughter, Madison. Natalie is very excited about her new role as older sister. **Vincent Sica** married Dr. Chloe Haaz on June 25 at the Franklin Institute in Philadelphia.

Jon Paly completed his doctor of osteopathic degree from the Philadelphia College of Osteopathic Medicine and will be continuing his training in radiation oncology at Fox Chase Cancer Center in Philadelphia.

Kevin Albano completed the New York City Triathlon in July while raising money for teen and childhood cancer awareness. He surpassed both his time and fundraising goals. Keep sending in updates.

Katie Noon, KaitlynNoon@ **O**gmail.com Hello fellow '08 classmates and Lehigh alumni! On a larger scale, 2016 has been an interesting year (to say the least!) with all manner of historical happenings unfolding before our eyes. It is heartening to know that our own community remains connected by sharing our own special, memorable happenings. Thank you again for the opportunity to be the bearer of wonderful news about the Class of 2008 over this past year.

Kristen Silfies and Mike Misiolek '05 announced news of their engagement with plans for a 2017 wedding, while Rob Logan will also say "I do" to Rachel Seidman. Leanne **Kearney**, currently living the expat life in Australia, also shared news of her engagement to fiancé, Matt Siely. Whitney Clark recently celebrated her marriage to husband, Andrew Fahmi, while Courtney Smith tied the knot with Casey Fiorillio '07. Ben Rosenau is a new groom after marrying wife, Lilli Chang.

It's with excitement that we extend the warmest welcome to Lehigh's newest family members (and hopefully future alum!). **Janice (Archibald)** and Adam Smith '09 welcomed baby girl, Logan Loren. **Michaela** (**Pawlewicz**) **McCann** and her husband also shared news of the arrival of their baby girl—both families are happy, healthy and filled with joy!

Please be sure to send any news—career milestones, life events, new cities, new schools, adventures—to KaitlynNoon@ gmail.com. Our Class of 2008 network cannot thrive without you!

2009 Bobby Buckheit, Lehigh Class 2009@gmail.com Hello Class of 2009! Welcome to another edition of the Class of 2009 notes, where we highlight the latest and greatest news and accomplishments from our class. We have a lot of wedding and engagement announcements this go-round, but we will start with some special baby announcements first.

Maggie (O'Rourke) and Mike Casella welcomed Joey Dominick, on Jan. 12, 2016. Joey joined his older brother, James, and makes two for the happy Lehigh couple. Special congratulations to Josh Coron, who welcomed a baby boy, Logan George, on July 4, 2016.

More very special congratulations to my good friend **Mike Brudnicki**, who married Katie Woodhull in Princeton on Aug. 20. Very excited for you both and wish you all the best in life and love!

Additional congratulations to **Anthony Chima**, who married Alycia Logue in September in Bethlehem. **Alan Abeel** will be getting married in November, which may or may not be after this column is published, so either good luck with the upcoming wedding or congratulations on the recent nuptials!

Martha Miller was engaged to another Lehigh graduate, Thomas Humplik '08, in June in New York City. They are planning to be married in August of 2017. Martha is currently a P.R. executive in Manhattan at Weber Shandwick, and Tom is working for the Center for Naval Analysis in Washington, D.C., after receiving his Ph.D. in mechanical engineering from M.I.T.

Anthony Michalak is also celebrating an engagement, as he was engaged to Alexandria Nichols in May 2016 (who is not a Lehigh grad, but we won't hold that against you!). They are planning to be married in June 2017.

Congratulations to **Patrick Cucci**, who was married to Nicole Montegary '07 on Aug. 22, 2016. They just celebrated their first anniversary this past summer, so congratulations on your paper anniversary and looking forward to the cotton! **Andrew Egan** is also getting married to Andrea Bianchi in December 2016, so good luck with the upcoming ceremony and enjoy the honeymoon!

On a personal note, I recently checked off a bucket-list item and had the opportunity to officiate the wedding of Lehigh alum Lydia Gourley '12 to honorary Lehigh alum Russell Moore on June 11, 2016. So if anyone is looking for an officiant, I got ya covered.

That's all for the notes, so until next time, please send updates to LehighClass2009@ gmail.com!

Nick Anderson, Nick.Anderson@ alum.lehigh.edu We have a few Lehigh weddings to announce! Our class president and fearless leader Jack Meehan and Deb Binko '11 were married at Hotel Bethlehem on May 29. Officiating the ceremony was 2010's own Steve Shuldman. In a pure 2010 union, Jim Spota and Cali Roth were married on June 10 at Disney World and had a second reception at Flying Fish Brewery in New Jersey. Finally, high school sweethearts and Lehigh alumni

Joseph M. Sala and Kathryn Burch '09 were married in September in Westhampton, N.Y. The couple first celebrated their love with a Fiji pinning party in 2010. Congratulations to all!

In professional news, some of our classmates are making moves. Parker Gill will be starting his MBA at Duke University this fall. Michael Senger graduated from Emory University with his J.D./MBA and will be starting with Alston & Bird working in international tax. Dave Disler started a new job at Porzio, Bromberg & Newman. Finally, **Tim Young** started a new job at Vanguard, where he is working as the head of purchasing and payables in the enterprise supplier management organization.

Part Rao, sridevi211@ gmail.com Hello Class of 2011! Our classmates have had a busy year with lots of engagement and

year with lots of engagement and marriage announcements, new jobs, moves and graduate school degrees.

Jafar Hussain recently married his fiancée, Kiersten Hepler, in Ocean City, N.J., on May 20. On May 13, Jafar earned his doctorate of medicine from the Lewis Katz School of Medicine at Temple University. Kiersten and Jafar are residing in Conshohocken, Pa., with their 2-year-old son, Kai, for Jafar's intern year of internal medicine at Hahnemann University Hospital in Philadelphia. He will be heading back north on Broad Street to Temple University Hospital in July 2017 to start his four-year radiology residency.

Adam Kohn has acclimated to life in the Pacific Northwest. Now in just his second year as an Oregonian, Adam is working as an innovation engineer for Nike at their world headquarters. He has also been keeping active with running; he has completed two marathons and three half marathons this year. If anybody ends up in the Pacific Northwest, Adam welcomes all visitors!

Michael O'Brien is engaged to Jill Habursky, and they are planning their wedding for 2017.

Sam Lichmira and Kristin Vasmanis got married on Aug. 13 in Philadelphia.

Charles Hargrave is working with Maersk Oil doing supply chain management.

Alexander Ziets married Katherine Poulillo '10 on May 29, 2016 in Philadelphia.

Brittany Dickinson and Andy Russell have been dating since our Lehigh days. They have moved to Charleston, S.C., where Andy has accepted a new job with Ingevity Corporation in the corporate finance group. Brittany will continue working remotely running and co-owning an outsourced accounting firm. Brittany and Andy would love to meet more Lehigh people in the Charleston area, so let them know if you are in the area!

Julie Frehafer and Adam Smiga are engaged! They live in Belmar, N.J., and work at the Lakehurst Naval Base. Julie works as a systems engineer and Adam works as an operations research analyst.

Celinda (Stanton) LoBosco received an MBA in 2014 from La Salle University in Philadelphia. She currently works at Church and Dwight. Celinda was also recently married to Andrew Lo-Bosco. They met on a cruise right after graduation and got married in Hawaii on May 14, 2016. They plan to honeymoon in Europe next year.

I love hearing what amazing things our class is accomplishing. Please continue to send me updates throughout the year at sridevi211@gmail.com.

212^{Mary Haynie,} (215) 687-1624 (C); maryhaynie12@ gmail.com'13Alyssa Donahue, alyssa.donahue@gmail.com The summer is a quiet time for all. It's a time to relax and enjoy the sun, travel and experiences. I'm going to credit the nice weather for the lack of updates from the Class of 2013.

For many of us, school seems a bit in the past now, but for **Sean Keller**, it's not over! The end of summer marks something big for Sean. Sean is beginning his third year of medical school in the Philippines at the University of East Ramon Magsaysay Memorial Medical Center. We all wish him luck!

Class of 2013, please feel free to email me with any updates or awesome information for the next Bulletin!

214 Editor's note: To share your news or if you would be interested in becoming your class's correspondent, reaching out to classmates and writing a column three times a year, please contact the Alumni Office at 610-758-5268.

215^{Rachel Mayer,}

16 *Kelsey Leck, kml216@lehigh. edu*

After graduating in May with a B.A. in biology, Melissa Montova, an Englewood, N.J. native. rambled halfway down the east coast from South Mountain to the southern town of Durham, N.C. Her dedication to learning as much as possible about the world of biology drew her to the master of biomedical sciences program at Duke University-Lehigh's one-time, defeated basketball opponent, yet, even more importantly, an institution that is an achievement to attend.

As an undergraduate student, Melissa was clearly destined to become involved in the medical field. The facts she learned in class and in lab stayed with her as she easily connected the dots to daily life, translating complex processes into effortless accounts of how some small part of the world works during conversations with friends. At Lehigh, she volunteered for medical associations through the Lehigh chapter of the American Medical Students Association.

Her dedication to medical service clearly came through as she reflected, "From a very young age, I always envisioned myself helping others. Little did I know at the time that I would aspire to become what I feared the most as a child: an individual with a white coat and a stethoscope, also formally known as a doctor."

Rounding out the first semester of her new program, she said, "Today, my fascination with science and my desire to help others has led me to pursue a career in medicine. I hope to one day apply my knowledge of science to make an impact in the medical field and the lives of many."

Mark Schatzman, mss517@lehigh.edu Greetings faithful Lehigh alumni and students, I hope you all are enjoying this wondrous time of year as much as I am. Before I introduce the centerpiece of this column, let me first express my warm gratitude to the many of you who were concerned by my absence in the Spring 2016 Bulletin. The rumors are unfounded, and I am indeed alive and well. The mean streets of Gotham have been known to swallow many a lowly intern whole. However, I can now say with confidence that if you are to ask me in which direction one should walk to the subway from anywhere south of 42nd Street, there is a roughly 80 percent chance I will not steer you wrong. I can also say with assurance that your esteemed 2017 class correspondent will be a loyal and unwavering reporter until my departure in May. So finally, let me introduce to you, a standout

Lehigh senior.

Come on down Cody Kjos, a design major with concentrations in both product and graphic design, and a minor in entrepreneurship. I first met Cody during the beginning of our freshman year at Lehigh, in every first-year's favorite seminar, evoLUtion. Cody immediately stood out to me with his keen profusion of ideas and a flair for creative thought that was indefatigable. He was always full of energy, encountering even the day-to-day challenges presented to our group by the student and faculty facilitators with an inherent curiosity.

With this in mind, it was no surprise when I met Cody again during Lehigh Silicon Valley 2016. He consistently picked the brain of some of the tech world's brightest entrepreneurs and seemed almost at home in an environment that can be intimidating to many people. Perhaps this was due to the near proximity to where he spent his high school days in Palo Alto, but your intrepid class correspondent believes it is probably more a product of his innate entrepreneurial spirit; a spirit that has led Cody to weave these various attributes together and embark on the exciting new journey of starting his own clothing company, Kotae.

Cody describes Kotae as a company "dedicated to infusing the fun, California dreamin', accepting mindset in all aspects of our lives." He is an active member of the long boarding community at Lehigh, and strives to integrate that style and like-mindedness into his clothing company. He wants to express the meaning of Kotae, which translates to "the answer" in Japanese, by creating a company that "is a portal for finding products that make you smile." His inspiration behind Kotae is derived from his omnipresent interest in trendy styles, one that has been diversified through his

travels to Qatar and Iceland.

Cody began planting the seeds for Kotae as early as high school, when he had an idea for futuristic styled sweatshirts. This idea evolved during his time at Lehigh and especially in his Product Design III class, when he was able to create them and gauge consumers' interest. His design was successful, selling 40 percent of his inventory within the first week and then the rest over Christmas at Merc Haus in Easton. Pleased by these rapid sales, Cody opted to continue to come up with new designs for hats and tees.

This summer Cody is working at Urban Outfitters to learn more about the day-to-day operations and challenges of the apparel-retailing world. This opportunity came about from meeting with the founders of Urban Outfitters and receiving positive feedback on Kotae. This experience is a great addition to his experience last summer, in which he interned at a social enterprise retailer in Nashville utilizing InDesign and Illustrator. To complement his learning experience at Urban Outfitters, Cody is also working on sourcing and prototyping for his company, along with developing a website...and of course enjoying those famous sun-soaked California days.

Cody attributes much of his inspiration and persistence to his Lehigh education. "My design and entrepreneurship professors have been incredible inspirations. They are engaging, they make you want to learn more, and they are so supportive of ideas while offering their upgrades and insights." To those first-years who are aspiring to become entrepreneurs, Cody advises, "Absorb with an open mind all that you can from professors, classmates, networking opportunities and the overall Lehigh environment. One never knows where inspiration will come that could be the catalyst

for an evolution of an initial entrepreneurial thought. Even the day Woody's Tees showed up in their old woody sedan selling their graphic tees out of the back was inspiration to me when I was able to talk to the founder about his journey to that point in his business. Definitely do the Lehigh Silicon Valley program it is eye opening at a whole new level. And lastly, take your time fleshing out your ideas. Don't rush to market."

In the spirit of also reflecting upon our ascension into our final year at Lehigh, I wanted to get Cody's insight into his time at Lehigh. I asked him to describe to me his fondest memories, and he responded: "It's probably no surprise that my fondest memories at Lehigh are the social, light-hearted fun times with lots of laughs. And they were and are many, since we at Lehigh work hard, play hard. Hanging on the lawn of the U.C. after exams when the weather finally starts getting good is amazing. Everyone is out and in a great mood, throwing Frisbees or long boarding, and life is good. Laughs over dinner in Antigua during our ServeAbroad trip after we had painted schools all day was like medicine for the soul. Those will

be my fondest memories, the likes of which I would hope to take to my company and to my professional world."

Cody says he will miss everything about Lehigh and his only regrets are not considering starting the West Coast Club (a club he hopes to start this fall with a focus on networking, connections, support, mentorship and camaraderie for Lehigh west coasters) earlier and not going to more social events that would have pushed him even more outside his comfort zone. Upon graduation Cody dreams of "creating and developing products, price them right to be able to sell at a price people will pay, take them to market, see them sell and then adjust and expand upon that." I'm confident this will come into fruition for Cody, and I wish him the best of luck in the future.

This caps my second column. I hope to see you on campus.

> 18 Megan Olivola, mmo218@lehigh. edu

Sabrina Morawej, sem219@lehigh.edu



Congratulations to Megan Hess '08 and Jon Haley '09, who wed on June 18, 2016 at Bedell Cellars in Cutchogue, N.Y. Many Lehigh alumni, pictured here, were guests!

If you'd like to share news of births, gatherings and other celebrations, please send to your class correspondents, and we'll do our best to make room for them.

IN REMEMBRANCE

The alumni and university communities extend their sympathy to the families of the alumni listed. Obituary sources include relatives, alumni and friends. Send details to Advancement Services, 125 Goodman Dr., Bethlehem, PA 18015; 1-866-517-1552; askrecords@lehigh.edu. The following were reported to us as of Aug. 18, 2016:

1930s

Paul M. Brubaker '38,

Chester, Vt., Dec. 17, 2015. Mr. Brubaker was self-employed as an electronics engineer.

Homer T. Mantis '38, Saint Paul, Minn., Jan. 16, 2016. A former soccer player, Dr. Mantis served in the military during World War II as a forecaster at the U.S. Army Air Force weather station in New York. He was an emeritus professor at the University of Minnesota, where he taught meteorological physics.

1940s

James C. Alban Jr. '40, Palm Beach, Fla., March 13, 2016. Mr. Alban served in the OSS during World War II. He worked as president and chairman of the board of Alban Tractor Co. and Alban Engine Co.

Norman L. Morse '40, Houston, Texas, April 13, 2016. As a student, Dr. Morse was a member of Phi Beta Kappa and Tau Beta Pi. He worked as a recruiting manager for Shell Oil Co. He was a member of the Asa Packer Society.

William A. Siegele '41, Easton, Pa., March 31, 2016. Mr. Siegele was an Alpha Tau Omega brother, member of Scabbard and Blade, and president of the rifle club as a student. He served

in both the U.S. Army and Navy during World War II. He made a career of managing explosives plants and later became an investment advisor. He was an active volunteer as an alumnus, serving as class president for over 15 years. He won the Alumni Award for his service in 1991 and the James Ward Packard Award for Distinguished Service in 1996. He was a member of both the Tower and Asa Packer societies. His son, William A. Siegele Jr., is a member of the Class of 1979.

Joseph A. Arnold '42, Sequim, Wash., March 13, 2016. Mr. Arnold participated in both the U.S. Army ROTC and Rifle Club as a student. He went on to work for BP as a technical superintendent. He was a member of the Tower Society and has a scholarship at Lehigh established in his name.

Clarence M. Sanderson Jr. '42, Seneca, S.C., March 13, 2016. Mr. Sanderson was a Sigma Phi Epsilon brother, as well as involved with Eta Kappa Nu, Phi Eta Sigma, and Tau Beta Pi honor societies. He served as a captain in the U.S. Army Signal Corps. He had a 40-year career at PSEG as an electrical engineer. Mr. Sanderson was a member of the Tower Society. His father, Clarence Sr. '18, brother, Donald '50, and son, Clarence III '67, are all Lehigh alumni.

Nicholas T. Scott '42,

Kingston, N.Y., April 21, 2016. Mr. Scott served in the U.S. Army Air Corps during World War II, earning a Purple Heart, a Presidential Citation and four Air Medals. He owned a general legal practice.

Ray E. Brawn '43, Wayne, Pa., Feb. 2, 2016. A Sigma Phi Epsilon brother, Mr. Brawn was also involved in the Marching 97. He worked for Worthington Pump Corp., as a payroll manager.

Hugh W. Richards '43, Webster, N.Y., March 29, 2016. Mr. Richards was a member of Tau Beta Pi honor society while a student. After graduation, he served in the U.S. Navy during World War II. He had a 40-year career with Eastman Kodak.

Oscar E. Fox '44, Elizabethtown, Pa., May 2, 2016. Mr. Fox was a brother at Phi Delta Theta and a member of the Pi Tau Sigma honor society. He ran cross-country for Lehigh and would go on to run a marathon on every continent. He served as a U.S. Army officer during both World War II and the Korean War. He retired from Pennsylvania State University. He was a member of the Tower Society.

Myron A. Lerner '44, Jupiter, Fla., March 22, 2016. Mr. Lerner worked at Lerner's Department Store after graduation until its closing in 1969, when he became the president of Pennsylvania Furnishings.

Paul L. Reiber Jr. '44, Wexford, Pa., April 7, 2016. While at Lehigh, Mr. Reiber was a member of the football, lacrosse and soccer teams, sang in the choir and was president of Beta Theta Pi. He worked for the Department of Defense on a research project during World War II, before joining US Steel and Union Carbide. His son, Thomas Reiber, is a member of the Class of 1976.

Robert L. Smith '44, Lexington, Mass., Oct. 17, 2015. Mr. Smith was an active student, participating in football, soccer, tennis and wrestling, as well as being a Sigma Chi brother and belonging to Omicron Delta Kappa and Tau Beta Pi honor societies. Professionally, he worked as an engineer and leader of construction companies. He helped to build and landed the first airplane at Yeager Airport in Charleston, S.C.

Eugene S. Stowers Jr. '44, Knoxville, Tenn., July 7, 2016. A Phi Delta Theta brother, Mr. Stowers also was a member of the Scabbard and Blade and Pi Tau Sigma honor society as a student. During World War II, Mr. Stowers served as a U.S. Marine combat engineer during the Battle of Iwo Jima and as a member of the occupational forces in Japan and China. He retired as a captain. He was a member of the Tower Society, and his brother, Harry '52, and son, Eugene III '69, are members of the Lehigh family.

John A. Davis '45, Indiana, Pa., March 8, 2016. Prof. Davis was a Beta Theta Pi brother as an undergraduate. He served in the U.S. Army during both World War II and the Korean War. He spent his career in the Indiana University of Pennsylvania English department, where he is credited with teaching the first course on adolescent literature for English education majors.

Edward W. Shipley '45, Gainesville, Ga., Dec. 13, 2015. Mr. Shipley was a member of the football team and Chi Psi fraternity. He served as his class's president as an alumnus and was a member of the Tower Society.

Ralph S. Graber '46, M.A. '48, Allentown, Pa., July 3, 2016. Dr. Graber was an active student, participating with the Marching 97, The Brown and White and Sigma Phi Epsilon. As an alumnus, he held multiple class leadership positions, including serving as the class correspondent for this Bulletin and the class agent for more than 20 years. He was awarded the Alumni Award in 1981 for his dedication. He taught English and American Studies at Muhlenberg College for 36 years and held multiple leadership roles in those departments. He was a member of the Tower Society, and his brother, Dallas '51, and son, Eric '78, are also Lehigh alumni.

J. Harry Brindle Sr. '47, Southern Pines, N.C., Dec. 3, 2015. Mr. Brindle was a U.S. Navy ensign during World War II. He served as president of the sophomore class while at Lehigh and was a Phi Gamma Delta brother. He worked in metallurgy and retired from Salem Engineering. He came from a Lehigh family—his brother, Edward '40, father-in-law, John Ross '24, and sons, John '70 and Jeffrey '73—are all members of the Lehigh family.

Robert F. Bitler '48, North East, Md., July 9, 2016. Mr. Bitler served as a captain in the U.S. Army Air Force in the South Pacific during World War II. He retired from Rohm and Haas as a tech coordinator.

Floyd C. Eiseman '48, Latrobe, Pa., June 30, 2016. Mr. Eiseman served in the U.S. Army during the Korean War. He retired from Rechtien International Truck Corp. as a heavy-duty truck sales manager.

Alvin G. Farans '48, Westport, Conn., April 6, 2016. Mr. Farans was the editor of The Brown and White as well as president of Pi Lambda Phi during his time on campus. He served in the U.S. Navy during the Korean War. Upon returning to the States, he joined the family business, Pennsylvania Petroleum Co.

William A. Shaffer '48, Timonium, Md., April 26, 2016. Mr. Shaffer was a Chi Psi brother.

Walter R. West '48, Lower Gwynedd, Pa., March 13, 2016. Mr. West served in the U.S. Army Air Force during World War II, where he was stationed in Walrus Bay, Greenland. Because of the ice pack in 1945, Mr. West was one of the last men to be discharged from active service. He set up a fund at Lehigh to support ROTC students. As an alumnus, he was very actively involved with his class, holding every leadership position. He earned the Alumni Award in 2008 for his service. He was a member of the Tower and Asa Packer societies. He retired from Bell of Pennsylvania as a district manager.

Biddle A. Whigham '48, Lancaster, Pa., July 3, 2016. Before enrolling at Lehigh, Mr. Whigham enlisted in the U.S. Navy. He served during World War II and the Korean War. He also wrote a book about his military experience. At Lehigh, he joined Phi Gamma Delta. Mr. Whigham was very involved with class leadership, fundraising and reunion planning as an alumnus. He was a member of the Tower and Asa Packer societies. For his dedication, he was awarded the Alumni, Eugene G. Grace, and James Ward Packard awards. He had a long career with Armstrong Cork Co., traveling the world and retiring as general manager of engineering design.

C. Robert Carlson '49. Lewisburg, Pa., April 28, 2016. Mr. Carlson served in the European Theater during World War II. He was taken as a prisoner of war during the Battle of the Bulge and upon his liberation helped 500 other prisoners escape. He was awarded the Bronze Star, Purple Heart and Presidential Unit Citation. Mr. Carlson was a Pi Kappa Alpha brother. He retired as the manager of underwriting from the Insurance Company of North America.

Richard C. Davis '49, Oklahoma City, Okla., April 2, 2016. Mr. Davis served as a fire control officer during World War II. He was a member of the Marching 97. He worked in management at Worthington Pump.

Robert C. Hicks '49, Middlebury, Vt., May 2, 2016. Mr. Hicks served in the U.S. Navy during World War II. At Lehigh, he was a member of Phi Eta Sigma and Tau Beta Pi honor societies. He ran cross-country and track as well. As an alumnus, he served as class correspondent for 60 years. He was also a member of the Tower Society. He received the Alumni Award for his dedication in 1974. He worked for the Atlantic Refining Co. for 30 years.

George B. Horneck '49, Milton, Del., July 19, 2016. Mr. Horneck enlisted in the U.S. Navy during World War II. As a student, he was involved with the Marching 97 and choir, as well as Omicron Delta Kappa honor society. After Lehigh, he went on to teach aviation and sciences at the high school level. He then moved into the agency that would become the National Security Agency, and he retired after working on the space program.

Archie L. Lerch '49, Webster, N.Y., March 22, 2016. During World War II, Mr. Lerch served as a B-24 pilot in the European Theater. While at Lehigh, he joined Phi Gamma Delta. He worked for 42 years at Eastman Kodak in film emulsion.

1950s

David L. Berry '50, Allentown, Pa., May 26, 2016. Mr. Berry was a Phi Delta Theta brother. After Lehigh, he served in the U.S. Air Force during the Korean War. He was a "jack-of-all-trades," working mostly in the sales and transportation industries.

George J. Englesson '50, Aberdeen, Md., April 19, 2016. Mr. Englesson served in the U.S. Army during World War II. He would go on to own the New Ideal Diner in Aberdeen, where he was also very politically active in local government. His son, John '75, and daughter, Constance Weil '89, are both Lehigh alumni.

John D. Gold '50, Palm City, Fla., April 14, 2016. Mr. Gold worked as a securities analyst on Wall Street.

Ray H. Hartman '50, West Lebanon, N.H., March 10, 2016. While at Lehigh, Mr. Hartman was a member of the American Chemical Society, Christian Fellowship and the Debating Club. After graduation, he switched careers and went into the Lutheran Seminary. His work included helping build life care communities. He was a member of the Asa Packer Society and his brother, George, was a member of the Class of 1951.

Owen J. Jones Jr. '50, Feasterville, Pa., Nov. 28, 2015. A U.S. Navy veteran of World War II, Mr. Jones spent his career with 3M as a chemical engineer. On campus, he was involved with Sigma Chi, as well as the basketball, tennis and football teams. He also sang in the choir. His son, Owen '71, is a Lehigh alumnus.

Eugene G. Williams '50, State College, Pa., March 28, 2016. Dr. Williams served in the U.S. Army during World War II as part of the 414th Infantry Regiment, 104th Division. He was a professor of geology at Pennsylvania State University.

John L. Beam '51, Reisterstown, Md., April 2, 2016. Mr. Beam was a U.S. Air Force veteran who worked for the Department of the Navy as a contract administrator.

L. W. Burkholder Jr. '51, Carlisle, Pa., June 5, 2016. Mr. Burkholder was a Delta Upsilon brother; he also played baseball, basketball and was the quarterback of the football team. He served in the U.S. Army during the Korean Conflict. Later, he co-owned Early's Furniture Store. He was also a member

REMEMBERING Professor David C. Amidon



A Lehigh Urban Legend

With his students, Dave Amidon mastered the art of the hallway discussion.

DAVID C. AMIDON, WHO INTRODUCED thousands of students to the history of America's cities and its ethnic groups during his 42-year tenure on the Lehigh faculty, died Sept. 23. He was 81.

"BEFORE OUR FIRST CLASS, DAVE

HANDED OUT A OUESTIONNAIRE ASKING

US WHERE WE WERE FROM. A LITTLE

BIT ABOUT OUR FAMILY BACKGROUND ...

OF ALL MY PROFESSORS, DAVE WAS THE

ONLY ONE WHO ACTUALLY READ EVERY

SINGLE ONE OF THOSE FORMS.

-JARRED MCBRIDE '05

Amidon, a professor in the department of political science,

was the director and sole faculty member in Lehigh's Urban Studies Program. He was well-known for teaching courses like "Americans from Italy" and "American Jews: Politics and Culture," for leading field trips to Philadelphia's ethnic neighborhoods, and for the interest he took in his students' backgrounds and their families.

The office that Amidon kept in an out-of-the-way corner of Chandler-Ullmann

overflowed with books and often with students who came to arrange files or to ask advice on school, career and life.

The bulletin boards outside the office were filled with photographs of former students and their families, with the names of alumni, spouses and children noted in Amidon's handwriting. Amidon joined the Lehigh faculty in 1965, taking a position in the history department. He taught four courses a semester, assigned ambitious reading lists and regaled students with anecdotes from the lives of people like industrialist Andrew Carnegie and urban planner Robert Moses.

In 1977, Amidon received Lehigh's Stabler Award for excellence in teaching. In 1983, the 10-year alumni class honored him with the university's first W. Deming Lewis Award.

In 2007, 150 former and current students threw Amidon a farewell dinner party in Lamberton Hall. Students from all five decades of his Lehigh tenure—the 1960s, '70s, '80s, '90s and '00s—returned to campus to remember his dedication, to marvel at his breadth of knowledge and to roast him for his quirks. With help from the Lehigh University Alumni Association, the self-described "Amidonians" raised \$100,000 to endow a Lehigh scholarship in Amidon's name.

Several alumni who attended the party said they had first met Amidon when they filled out a mandatory survey required for class or for a work-study job. Amidon seldom missed a detail in a form, they said, and he delighted in connecting the spelling of a last name with a country of origin, a region of a country, a pattern of migration, or a thread of urban history.

"Before our first class, Dave handed out a questionnaire asking us where we were from, a little bit about our family background," said Jarred McBride '05. "Of all my professors, Dave was the only one who actually read every single one of those forms. If he saw something interesting, he made a point of asking you about it. He got to know you, inside and outside the classroom."

"Dave Amidon," said Michael Smerconish'84, "could tell you more than you yourself knew about your hometown, even your own family history."

Several dozen Amidonians pooled their talents to produce a film about Amidon's life and times. The DVD was written by Don Miles '71 and narrated by Smerconish.

"Classes with Dave Amidon often began late," said the film, "as Dave was held up in his office next door talking to a student or two. But they took off fast. When the bell sounded, Dave, having provoked discussion and dialogue, was not one to rush out of the classroom, and instead often lingered with a small group of students

wanting to continue the debate."

Amidon earned his bachelor's degree from Juniata College and his master's from Penn State before teaching at the university's Hazelton campus.

He is survived by his wife, Ann, and by four children and nine grandchildren.

At his farewell party, he marveled that all of his grandchildren lived within a 10-minute drive from his house.

"When I first came to Lehigh," he said. "I didn't think of family as

being so important. I rejoice now that I've lived long enough to find out otherwise.

"I give my wife credit for that...My family and my students have given me so much more than I could ever hope to thank you for." *—Kurt Pfitzer*

FALL/WINTER 2016 | 79

of the Tower and Asa Packer societies.

Kenneth J. Busch '51, Whiting, N.J., April 26, 2016. As a student, Mr. Busch earned membership in the Tau Beta Pi honor society. He worked as an electrical engineer and department head for Bell Laboratories

for 42 years.

Elliott W. Cheney Jr. '51, Austin, Texas, July 13, 2016. As a student, Prof. Cheney was a member of the Marching 97 and concert band. He started his career working on the mathematics for the computerized guidance system for the Atlas rocket. He would go on to join the faculty at the University of Texas at Austin, where he retired as professor emeritus. He was considered a pioneer of approximation theory and numerical analysis.

Francis M. Donlon Jr. '51, Brick, N.J., April 13, 2016. Mr. Donlon participated in the glee club on campus. He went on to serve in the U.S. Marine Corps during the Korean War. He had a 30-year career with communications companies.

William F. Heim '51, Nashville, Tenn., May 28, 2016. On campus, Mr. Heim was a member of the Marching 97 and concert band, where he played the drums. He served in the U.S. Navy during the Korean Conflict. He spent his career with Sears Roebuck & Co. His brother, Robert, was a member of the Class of 1952.

James N. Kennedy Jr. '51, Little Rock, Ark., May 29, 2016. Before enrolling at Lehigh, Mr. Kennedy was offered a chance to play minor league baseball for the Pittsburgh Pirates organization. He also served in the U.S. Army. As a student, Mr. Kennedy played baseball and basketball. He was a Theta Delta Chi brother and a member of the Omicron Delta Kappa honor society. After graduation, he worked as an FBI special agent before beginning a career in banking. His father, James Sr., was a member of the Class of 1919.

Leopold A. Kissling '51, Clarksburg, N.J., May 24, 2016. Mr. Kissling was a peacetime veteran of the U.S. Navy. He worked as a restaurateur.

Alfred L. Kratzer '51, Indian Trail, N.C., July 27, 2016. Mr. Kratzer served in the U.S. Navy during World War II. He worked for James River Paper, where he patented several processes for Polaroid instant photography.

Herbert E. Martenson '51, Bradenton, Fla., March 7, 2016. Mr. Martenson was a veteran of the South Pacific Theater of World War II. He retired from Southern Airlines.

Francis N. McLaughlin Sr. '51, Monmouth Beach, N.J., June 18, 2016. Mr. McLaughlin served with the U.S. Navy during World War II. A brother of Phi Sigma Kappa, he was a federal investigator with the Civil Service Commission.

Peter G. Murphy '51, Lakewood, N.J., March 25, 2016. A Phi Sigma Kappa brother, Mr. Murphy also ran and wrestled for the university. As an alumnus, he stayed involved with the Wrestling Club. He served with the U.S. Air Force after graduation.

Emmett W. Poindexter Jr. '51, Houston, Texas, March 21, 2016. Mr. Poindexter was a Delta Upsilon brother, as well as a member of the soccer and tennis teams. He served in the U.S. Army Chemical Corps during the Korean War. He retired from Tenneco as their general credit manager.

Richard T. Price '51, M.S. '52, Telford, Pa., April 30, 2016. Dr. Price was a member of the glee club as a student. He would serve as a U.S. Air Force flight surgeon in Alaska. He worked as a doctor in the Lehigh Valley for over 40 years. His brother, Donald '52, was also a Lehigh alumnus.

William E. Rusling '51,

Bethlehem, Pa., July 6, 2016. Mr. Rusling was a member of Kappa Sigma and the Marching 97 as a student. He served in the U.S. Army during the Korean War. He worked his way up through Hercules Cement Co., retiring as president. His wife, Ruth, earned her Ed.D. from Lehigh in 1979. He was a member of the Tower Society.

Thomas F. Shirk '51, Lancaster, Pa., May 16, 2016. Mr. Shirk served in the U.S. Navy during World War II before attending Lehigh. He was a Delta Sigma Phi brother. He retired as county engineer for the County of Lancaster.

John L. Bachofer Jr. '52, East Stroudsburg, Pa., July 6, 2016. Mr. Bachofer retired as vice president of Metropolitan Edison Co. He was a member of the Tower Society. His brother, Bruce, was a member of the Class of 1955.

Bruce U. Hill Jr. '52, Pittsburgh, Pa., June 21, 2016. Mr. Hill was a member of The Brown and White and a brother at Phi Gamma Delta as a student. Professionally, he was the chairman of Realty Growth Corp., a merger of the three oldest real-estate companies in Pittsburgh.

Robert M. McCann '52, Bethlehem, Pa., May 1, 2016, As a student, Mr. McCann played basketball, was a Chi Psi brother and a member of the Mustard and Cheese Society and Newman Association. Following graduation, he joined Bethlehem Steel as a member of the Loop Management program; he retired from the company as vice president of mining. Mr. McCann also served as the director of the Donald B. and Dorothy L. Stabler Foundation. He also served eight years in the U.S. Air Force Reserve. A very active alumnus, Mr. McCann served as class president for 20 years and sat at the Visitor's Desk in Alumni Memorial welcoming people to campus. He earned the Alumni

Award in 2007 for his dedicated service. He was also a member of both the Tower and Asa Packer societies. He comes from an enthusiastic Lehigh family—two of his children, William '81 and Amy Lee McCann Marker '93, as well as three grandchildren and three nephews—attended Lehigh.

Donald M. Moodie '52,

Concord, N.H., April 29, 2016. Mr. Moodie was a Delta Upsilon brother, who also played lacrosse and skied on the university teams. He served during the Korean Conflict in the U.S. Army Counter Intelligence Corps. Mr. Moodie retired from the Greenerd Press and Machine Co., as chairman. His brother, William '50, nephews, Clifford '77 and Wayne '79, and great-nephew, Andrew '14, are all Lehigh alumni.

John J. Moran '52, Dennis, Mass., July 22, 2016. A Phi Delta Theta brother, Mr. Moran enlisted in the U.S. Army during World War II. He had a 45-year career with Anaconda Metal Hose. He was a member of the Tower Society.

Sami Atallah '53, M.S. '54, Beverly Hills, Fla., July 6, 2016. Mr. Atallah was president and technical manager of Risk and Industrial Safety Consultants Inc. (RISC), which he established in 1983. He held several other consulting positions, as well as served as associate professor of chemical engineering at Tufts University. He was published and spoke around the world on fire and explosion technology and risk management.

William C. Dengler '53, Pittsboro, Pa., June 2, 2016. Mr. Dengler was a member of Delta Tau Delta fraternity and played with the tennis team. After graduation he served three years of active duty in the Naval Reserve Bureau of Aeronautics. He retired after a career with Garlock Bearings Inc., as president.

James W. Gill '53, Staunton,

Va., April 23, 2016. Mr. Gill worked for Sigma-Aldrich Chemical Co. as a biochemist. He was an avid Bonsai enthusiast.

William S. Hunter '53, Star Lake, N.Y., April 4, 2016. As a student, Mr. Hunter was involved with the concert band and Marching 97, and he belonged to the ASME and the Lutheran Campus Ministry. He retired as the vice president of engineering at the Newton Falls Paper Mill. His grandson entered Lehigh in the fall of 2016.

Thomas E. Schaefer '53, Scottsdale, Ariz., May 31, 2016. Col. Schaefer was a brother of Beta Theta Pi and a member of the swim team and glee club as a student. After graduation, he joined the U.S. Air Force, where he became a B-47 and B-52 pilot in the Strategic Air Command. He made his career in the military and eventually became a vice wing commander. He earned the Legion of Merit, Defense Superior Service Medal. Bronze Star and Air Medal. Col. Schaefer was one of the American hostages held in Iran for 444 days. He would go on to speak frequently about his experience and how to deal with adversity.

Harley G. Selkregg Jr. '53, Allentown, Pa., Aug. 13, 2016. Mr. Selkregg worked for General Electric his entire career.

John A. Miers '53, Allentown, Pa., April 29, 2016. Mr. Miers served in the U.S. Army. He was a Sigma Phi Epsilon brother. He joined the family business, Miers Insurance Agency, and worked there until his retirement. His son, Jeffrey, is a member of the Class of 1977.

Harvey Taffet '53, Satellite Beach, Fla., March 3, 2016. Col. Taffet was a Tau Delta Phi brother. He spent his career with the U.S. Air Force. He served in Vietnam and earned the Distinguished Flying Cross, 10 Air Medals, the Meritorious Service Medal and the Air Force Commendation Medal. After his retirement from the military, he worked in the private sector on projects that supported the space shuttle.

Joseph C. Borichewski '54, M.S. '55, Redmond, Wash., March 21, 2016. As a student, Mr. Borichewski was a member of the Tau Beta Pi honor society. He served in the U.S. Army Corps of Engineers as a first lieutenant. He made his career at Boeing as an aerospace project manager.

Robert K. Curlee '54, Lubbock, Texas, March 6, 2016. As a student, Mr. Curlee joined Alpha Tau Omega fraternity. He served in the U.S. Army during the Korean War as a member of the Counterintelligence Corps. He worked for Texas Instruments throughout his career, retiring as a supervisor in the purchasing department.

David H. Evans '54, Lake Mary, Fla., May 14, 2016. After graduation, Mr. Evans took a job with Westinghouse Electric's Steam Turbine division. He spent his entire career there. He served in the U.S. Army Ordnance Corps as a first lieutenant. He was a pioneer in steam turbine flow analysis and taught thermodynamics at Widener University. His brother, Edward '42, and son, David '79, are also Lehigh alumni.

Robert M. Frappier '54, Newtown, Pa., May 4, 2016. While on campus, Mr. Frappier joined Phi Kappa Theta fraternity. He was a veteran of the U.S. Army and worked for Bell Atlantic for 35 years.

Gordon Kemp '54, Mystic, Conn., June 14, 2016. Dr. Kemp was a member of the Mustard and Cheese Society on campus. He went on to serve as a colonel in the U.S. Army Reserves and was a veteran of the Korean War. He retired from Pfizer as the director of science policy affairs and helped to establish international standards for safety in animal antibiotics. He was a member of the Tower Society. Dr. Kemp's father, Theodore '27, brothers Bruce '59 and Thomas '66, and grandson Ryan Mooney '10, are also members of the Lehigh family.

Robert C. Bradshaw '55, Rochester, N.Y., March 11, 2016. Mr. Bradshaw spent most of his career with Xerox Corp., retiring as an engineering manager.

Ralph J. Frey Jr. '55, Vestal, N.Y., April 25, 2016. Mr. Frey was a Delta Upsilon brother. He retired from Burton Markoff Construction Co.

Albert N. Gardner '55, Atlantic City, N.J., July 19, 2016. Mr. Gardner was involved with The Brown and White and Hillel while a student. He owned a CPA firm and many local businesses in Atlantic City.

Alan E. Greener '55, Erie, Pa., April 21, 2016. As an undergraduate, Mr. Greener was a member of Tau Beta Pi honor society. As an alumnus, he volunteered with the Alumni Admissions Outreach program. Mr. Greener retired from Pennsylvania Electric. He was a member of the Tower and Asa Packer societies.

James M. Ross '55, Tucson, Ariz., June 9, 2016. Mr. Ross served in World War II with the U.S. Army. He began his career in the insurance industry and went on to found Air Staples and Nails Inc., a contractor supply business.

Rudolph J. Scavuzzo Jr. '55, Akron, Ohio, April 24, 2016. Dr. Scavuzzo was a Phi Gamma Delta brother, as well as a member of the Tau Beta Pi honor society. He served in the U.S. Army after graduation. He taught at several colleges before becoming the department head of mechanical engineering and associate dean of the College of Polymer Science and Polymer Engineering at the University of Akron until he retired. He was a fellow of the American Society of Mechanical Engineers and received its Dedicated Service Award in 2014.

John C. Utzig Jr. '55, Wanaque, N.J., March 5, 2016. Mr. Utzig worked as a plastics engineer during the early days of development for use in new fields.

Richard V. Concilio '56, Marietta, Ga., July 29, 2016. Mr. Concilio was a Phi Kappa Theta brother. He served the U.S. as an Army officer. After a long career with IBM that took him around the world, he changed paths and served as a dean at Edison College and taught in the MBA program at the University of South Florida. He was a member of the Tower Society.

Peter W. Crawford '56, '57, Naples, Fla., Aug. 4, 2016. A brother of Phi Gamma Delta, Mr. Crawford was also involved with the baseball, wrestling and soccer programs at Lehigh.

Julian W. Erde '56, Guilford, Conn., March 12, 2016. Mr. Erde was a U.S. Army veteran who retired from RR Donnelley as division controller.

Joseph W. Gardiner III '56, Ashburn, Va., March 9, 2016. A Delta Phi brother and soccer player as an undergraduate, Mr. Gardiner was also an active alumnus, helping to raise money for the university and as a member of the Wrestling Club. He was a U.S. Air Force veteran and had a long career with Mobil Oil before moving to commercial industrial realty. His father, Joseph Jr. '19, was also a Lehigh alumnus.

Peter B. Cooper '57, M.S. '60, Ph.D. '65, Manhattan, Kans., May 12, 2016. Dr. Cooper was a brother of Alpha Sigma Phi and sang with the choir as an undergraduate. He retired from Kansas State University as a professor in the department of civil engineering. His brother, David '62, is a Lehigh alumnus as well.

Robert J. Ellis Jr. '57, Northfield, N.J., May 5, 2016. Mr. Ellis was a Chi Psi brother. He also played basketball during his undergraduate days. He served in the U.S. Navy. He spent his career with Cigna. His father, Robert '29, was also a Lehigh alumnus.

Michael S. Gilbert '57,

Sarasota, Fla., April 6, 2016. Mr. Gilbert worked as the director of distribution for M&M Mars before starting his own financial planning firm.

Richard A. Siergiej '57, Mountain Brook, Ala., Feb. 9, 2016. Mr. Siergiej served in the U.S. Navy during the Korean Conflict. He had a long career with General Electric before moving to Empire Coke and Coal. His son, Richard, earned his master's and doctorate from Lehigh.

Jack L. Stolz '57, Allentown, Pa., March 26, 2016. Before enrolling at Lehigh, Mr. Stolz served in the U.S. Air Force during the Korean War. After graduation, he went to work for Air Products, where he spent 35 years. He was passionate about Lehigh wrestling.

William S. Toomey '57, Aurora, Ohio, March 15, 2016. Mr. Toomey was a member of the Mustard and Cheese Society. He retired as the new product development manager from American Spring Wire.

Paul W. Wagner '57, Moorestown, N.C., July 16, 2016. Mr. Wagner served in the U.S. Army during the Korean War before coming to Lehigh. As a student, he was a Theta Xi brother. He was a very active alumnus, serving in multiple capacities across the Alumni Association, including class leadership, regional club leadership, sitting on the LUAA board of directors and raising funds for the university. The long-time resident of Bethlehem, Pa., also greeted visitors to campus for over two decades. For his service, he was awarded the Alumni Award in 1982 and the Eugene G. Grace Award in 2002. Mr. Wagner worked at Bethlehem Steel for many years before becoming a development officer at Lehigh. He was a member of the Tower Society. Two of his children—Kenneth '86 and Nancy Hannon '81—are also members of the Lehigh family.

Douglas L. Woodward '57, Exton, Pa., May 8, 2016. A U.S. Air Force veteran, Mr. Woodward retired from Bell Atlantic.

Henry F. Bauer '58, Haddonfield, N.J., July 19, 2016. Mr. Bauer was a Sigma Chi brother. He served in the U.S. Army and was the missile control officer responsible for Nike Zeus surface-to-air missiles in White Sands, N.M. He worked for 33 years for Bell Atlantic as an electrical engineer.

Ralph K. Elliott '58, Whitehall, Pa., July 21, 2016. A member of the Marching 97 as a student, Mr. Elliott had a lifelong love of music. He served as a fighter pilot in the U.S. Air Force during the Korean Conflict. He worked as the president and management consultant for Summit Management Systems Inc.

William A. Sassman '58, Citrus Heights, Calif., March 25, 2016. Father Sassman was an Alpha Tau Omega brother. He would go on to serve as a priest in both the U.S. Air Force and U.S. Navy. He retired as a lieutenant colonel.

Stanley Wilker '58, New York, N.Y., July 17, 2016. Mr. Wilker was a Tau Delta Phi brother. He retired from the Walton T. Davis Co. His grandchildren, Shayna '17 and Devin Love '19, are members of the Lehigh family.

John R. Winchester '58,

Bethlehem, Pa., May 5, 2016. Mr. Winchester was a Beta Theta Pi brother, and played on both the track and football teams. He served in the U.S. Army Chemical Corps, then went on to work for several chemical companies before transitioning to teaching at Notre Dame High School in Easton, where he taught chemistry and physics and coached the tennis team for 25 years. His grandson, Logan '11, is also a Lehigh alumnus. Peter D. Bethke '59, Millbrook, N.Y., June 25, 2016. A Theta Chi brother, Mr. Bethke co-founded Terraquip Inc., which he led as the executive vice president of sales for more than 40 years.

Nelson R. Hartranft '59, West Palm Beach, Fla., June 24, 2016. Mr. Hartranft left Lehigh midway through his degree to serve in the U.S. Marine Corps. He finished his degree and became the owner and administrator of Harston Hall Nursing Home. He was a Delta Phi brother.

Leslie M. Rodenbaugh '59, Lower Gwynedd, Pa., July 28, 2016.

1960s

Michael B. Rodin '60, Las Vegas, Nev., Dec. 13, 2015.

Bruce D. Schafebook '60, Bethlehem, Pa., May 25, 2016. As a student, Mr. Schafebook ran track. After graduating, he joined the Loop Program at Bethlehem Steel and worked there for nearly 40 years, before retiring from Lehigh Heavy Forge.

H. Peter Wimmer '60, Shoreham, Vt., Feb. 28, 2016. While at Lehigh, Prof. Wimmer competed with the fencing, track and rifle teams. He was also a Gryphon. He went on to get his Ph.D. in zoology and taught lab instruction for nearly 30 years at Middlebury College in the department of biology, specializing in aquatic entomology. He was a member of the Tower Society.

Landis G. Kroh '61, Carbondale, Colo., May 7, 2016. Mr. Kroh served two years in the middle of his Lehigh education with the U.S. Army. He was an Alpha Tau Omega brother. He retired from the Dresser-Rand organization as the vice president of marketing.

Neil E. Paulsen '61,

Manasquan, N.J., July 19, 2016. Mr. Paulsen was a brother of Theta Xi and a member of the Mustard and Cheese Society and Beta Alpha Psi honor society. He worked as a CPA for PriceWaterhouse before taking several CFO positions at local companies.

William K. Peck '61, Athens, Ga., March 10, 2016. Mr. Peck was an Alpha Sigma Phi brother. He was also active in the choir and intramural sports. After graduation, he served in the Peace Corps in the Philippines. Upon his return, he held several social work positions, including executive director of Independence House for formerly incarcerated youth.

Peter Bleyer '62, Suffern, N.Y., March 25, 2016. Mr. Bleyer played with the concert band and Marching 97. He was a Tau Delta Phi brother and worked on the Epitome. He worked as the director of purchasing for Micasa Trading Co.

Wendel R. Cassel '62, Newark, Del., March 11, 2016. A Theta Xi brother, Mr. Cassel was also a member of the Tau Beta Pi honor society. He had a 35-year career with DuPont, during which he earned many awards, including the DuPont Flagship Award in 1988 for his work in CFC alternatives.

Raymond E. Noonan '62, M.S. '64, Miami, Fla., May 24, 2016. Both a golfer and a Chi Phi brother, Mr. Noonan was also a U.S. Air Force veteran. He worked for Arthur Andersen and Ernst & Young before co-founding Beach Health Plan and Independent Living Systems. He was a member of the Asa Packer Society, and his daughter, Susan, is a member of the Class of 1993.

J. Patrick Clark '63, York, Pa., May 18, 2016. A very active student, Mr. Clark played football and ran track, was a member of the Gryphon Society and Cyanide, as well as Phi Beta Kappa, Omicron Delta Kappa, and Beta Alpha Psi honor societies. He served as his class president as an alumnus. He worked for CGA law firm as a partner. He was also a member of the Tower Society. Mr. Clark's

REMEMBERING Professor Jerry T. Bidlack

daughter, Elizabeth Ann, is a member of the Class of 1999.

James P. Hanlon Jr. '63, Sanibel, Fla., March 17, 2016. Mr. Hanlon was a Phi Delta Theta brother, as well as active with the Marching 97. He began his career with Haskins & Sells (now Deloitte) and worked there for 40 years, making his way from a CPA to management to senior partner. Mr. Hanlon's father, James '26, brother, George '69, and son, James III '89, are also members of the Lehigh family.

Gary K. Kohler '63, M.S. '65, Ph.D. '67, Newtown, Pa., July 14, 2016. Dr. Kohler was a member of Tau Beta Pi while at Lehigh. He spent 32 years with Exxon. He served his class as an alumnus volunteer. His three daughters—Kristin '89, Gretchen '90, and Ingrid Kozemchak '92—all attended Lehigh.

Richard S. Maceyko '63, Atlanta, Ga., June 10, 2016. Mr. Maceyko was a Delta Tau Delta brother. After graduation, he served in the U.S. Army as a first lieutenant. He spent his career with IBM Corp.

John H. Rosenberger Jr. '63, Wayzata, Minn., May 12, 2015. Mr. Rosenberger was a Delta Chi brother. As an alumnus, he was involved in the Wall Street Council and a member of the Asa Packer Society. He worked for Conwed Plastics as a chemical engineer and then president.

Derek A. White '63, Yardley, Pa., Dec. 14, 2015. Mr. White was a Sigma Phi Epsilon brother. He was self-employed and worked as a consultant. He was a member of the Tower Society. His wife, Martha '64G, and father, Paul '38, are also members of the Lehigh family.

Edward R. Geiger '64, Vancouver, Wash., June 22, 2016. Mr. Geiger was a Theta Chi brother and member of Beta Alpha Psi honor society. After graduation, he served in the U.S. Navy Supply Corps as an officer. He worked for Pacific Telecom before starting his own consulting business, The Experience Network.

K. Edward Jacobi '64, Little Silver, N.J., March 16, 2016. Mr. Jacobi was a lawyer. He retired from Zager, Fuches, Ambrose, & Krantz. He was active in the local government of his town, serving for 41 years on the Little Silver Planning Board and as chairman for the last 24 years. His daughter, Ellen Peifer '90, is a Lehigh alumna. Mr. Jacobi was a member of both the Tower and Asa Packer societies.

D. Eugene Kiehl '64, Hoboken, N.J., March 25, 2016. A Delta Chi brother, Mr. Kiehl served in the U.S. Army as a lieutenant before he began his 33-year career at IBM.

Kenneth M. Kucharz '64, Parlin, N.J., Aug. 7, 2016. Capt. Kucharz served in the U.S. Navy during the Vietnam War and had a 31-year career in the military. He earned the Combat Action Ribbon. Navv Commendation Medal, National Defense Service Medal and several others. Dr. Kucharz owned and managed a dental practice. His daughter, Dayna Kucharz, is a member of the Class of 1999. He was a Theta Chi brother and participated in the Marching 97 and concert band. As an alumnus, he served with his class and participated in phonathons.

Willis H. Mitchell '64, Canandaigua, N.Y., Aug. 4, 2016. As an undergraduate, Mr. Mitchell played soccer and was a Sigma Chi brother. He worked at his own financial management and employee benefits firm, Mitchell-Nagel and Associates.

Frederick N. Heidorn Jr. '65, Cypress, Calif., May 10, 2016. Mr. Heidorn was a U.S. Navy officer during the Vietnam War. He worked as an actuary with the same core group through various acquisitions and mergers at KPMG, ASA, and



A Youthful Legacy

Jerry Bidlack made music "a part of their lives."

JERRY BIDLACK, PROFESSOR EMERITUS of music, orchestral and choral conductor, cellist, organist and lifelong champion of young musicians, died Sept. 21. He was 85.

Bidlack joined the music department faculty in 1973 and retired in 1995. During that time, he founded and directed the Lehigh University Philharmonic Orchestra, taught music theory, directed the women's choir and served as university organist. He also served as music department chair from 1980 to 1986.

In 1976, Bidlack and his wife, Nancy, founded the Young People's Philharmonic for middle school and high school students and the Junior String Philharmonic for fifth- through eighth-graders. Nancy Bidlack passed away in 2012.

Bidlack conducted the Junior String Philharmonic until 2010 and the Young People's Philharmonic until last December. The two orchestras draw students from the Lehigh Valley, Stroudsburg, Kutztown, Quakertown and western New Jersey. More than 1,300 musicians have played in the groups since their inception.

Last March, Bidlack was honored at a gala concert by the Young People's Philharmonic at Moravian College.

The idea for founding the two youth orchestras, he told The Morning Call before the gala, was to "give kids who are in schools without an orchestra a chance to play, and for kids who are in a school with an orchestra, an opportunity to play music that's more challenging.

"The important thing is for music to become a part of their lives." "Jerry Bidlack's enthusiasm and love for music was infectious," said Nadine Sine, chair of the music department. "He was loved throughout the Lehigh Valley for founding, with his wife, Nancy, the Young People's Philharmonic. We will miss his presence at concerts and especially at Christmas Vespers."—*Kurt Pfitzer* Aon Hewitt. He was a member of the Asa Packer Society.

Kenneth F. Darrow '66, Miami, Fla., April 18, 2016. Mr. Darrow was a Sigma Alpha Mu brother, as well as a member of Beta Alpha Psi honor society, the Accounting Club and Class Cabinet. He practiced franchise law in Florida for 40 years.

Richard H. Morath '66, Columbia, S.C., May 12, 2016. Mr. Morath was active in the Newman Association as a student. He worked for Tower Consultants Inc.

Robert O. Crawford '67, Glen Falls, N.Y., May 14, 2016. Mr. Crawford left Lehigh to enlist in the U.S. Navy during the Vietnam War. He would have a full military career, leaving the service as a lieutenant. He was a member of Tau Beta Pi and Pi Tau Sigma. After the military, he worked in the paper-making industry, specializing in developing earthquake-resistant machinery.

Erwin D. Knauer '67, Old Tappan, N.J., May 19, 2016. Mr. Knauer was a Kappa Sigma brother. He was a member of the U.S. Army and served in Vietnam. He worked as president of the Greater Community Bank in Totowa, N.J.

Richard B. Haslett '68, Cary, N.C., Nov. 13, 2015. A Pi Kappa Alpha brother, Mr. Haslett made his career in accounting and finance, working across the United States.

Jay G. Baumer '69, Scotts, Mich., May 20, 2016. Mr. Baumer was a Beta Theta Pi brother, where he was known as the resident mechanic and tool man. He worked for General Motors, retiring as senior engineer.

George F. Mirkovich '69, Toano, Va., June 25, 2016. Mr. Mirkovich was a Sigma Nu brother and involved with the Newman Association. He worked for New York Telephone and then AT&T in strategic planning, customer equipment and data networking.

1970s

Guy R. Eberwein '70, Seaford, Del., April 10, 2016. Mr. Eberwein worked at Duquesne Light before moving to Delaware, where he eventually retired from Delmarva Power. While in Pittsburgh, he received the Pittsburgh Magician of the Year award.

Dale R. Heffelfinger '70, Whitehall, Pa., July 9, 2016. Mr. Heffelfinger worked as a coordinating engineer in nuclear quality assurance for PP&L Berwick until retiring.

Gary P. Lukas '71, Silver Spring, Md., March 26, 2016. Mr. Lukas served in the U.S. Navy during the Vietnam War before attending Lehigh. He was president of Lambda Chi Alpha fraternity. He retired from Siemens Building Technologies.

Joseph S. Zinkavich '71, Kingston, Pa., May 20, 2016. Mr. Zinkavich was involved with the soccer team and Newman Association while on campus. He worked as a salesman for the building supply industry for many years.

Stephen J. Zsolcsak Jr. '72, Latrobe, Pa., April 12, 2015. Mr. Zsolcsak was a Delta Chi brother and involved with the Newman Association as a student. He worked for the Elliott Company as a senior project engineer.

T. Scott Kitson '73, Renton, Wash., May 15, 2016. A Sigma Phi brother, Mr. Kitson worked for the Boeing Company in cost management. His father, Harold Jr. '50, and brother, Geoffrey '73, are both members of the Lehigh family.

Robert J. Brunner '74, Allentown, Pa., Aug. 6, 2015. Mr. Brunner served in the U.S. Navy during the Vietnam War. He worked as an electrical engineer for PPL for many years before retirement.

Jerry L. Schrepple '74, Hamburg, Pa., March 15, 2016. Mr. Schrepple retired from the U.S. Department of Labor as an attorney. He loved music and nature.

Mark H. Bracaglia '75, Rockaway Township, N.J., May 19, 2016. Mr. Bracaglia was a Chi Phi brother and also involved with the Newman Association. He worked as the director of rehabilitation at the Greystone Park Psychiatric Hospital for nearly 20 years.

Dennis R. Mertz '75, M.S. '77, Ph.D. '84, Newark, Del., Aug. 12, 2016. Prof. Mertz taught civil engineering at the University of Delaware.

Robert R. Von Bergen '75, Manhattan Beach, Calif., May 3, 2016. Mr. Von Bergen was a Lehigh football player and Beta Theta Pi brother. He retired from the Hershey Co. as a division sales director.

Grover P. Bishop '76, Rock Hill, S.C., July 21, 2016.

Neil A. Cowley '76, Bethlehem, Pa., March 24, 2016. Mr. Cowley was a Pi Lambda Phi brother. He worked as an analytical chemist for Johnson & Johnson until his retirement.

Gregory J. Yencho '76, Bethlehem, Pa., June 22, 2016. As a student, Mr. Yencho was active with the Newman Association.

Thomas E. Deutsch '79, Gibsonia, Pa., May 9, 2016. While an undergraduate, Mr. Deutsch joined Alpha Tau Omega and the L.U. Forum. As an alumnus, he was a member of the Asa Packer Society. He had a long career with PPG Industries before becoming the vice president of supply chain operations for Axiall Corp. His brother, James, is a member of the Class of 1977.

1980s

K. Kirk Gehman '80, Arlington, Texas, March 30, 2016. Mr. Gehman volunteered for his class as an alumnus. He had a long career with Dun & Bradstreet and most recently worked as a substitute teacher. Richard J. Sullivan '80, M.S. '81, Big Sky, Mont., June 30, 2016. Mr. Sullivan was a member of the Tau Beta Pi honor society. He made his career at Bell Labs and AT&T, retiring as the assistant vice president of network operations planning.

Daniel T. Renshaw '81, Havertown, Pa., May 8, 2016. Mr. Renshaw was a member of the Tau Beta Pi honor society and active in the intramural program as an undergraduate. He was president of Sea Breeze Energy, developing wind farms.

Kenneth K. Malkemes Jr. '83, Mountain Top, Pa., April 14, 2016. Mr. Malkemes was a Delta Tau Delta brother; he was also a member of Phi Beta, Tau Beta Pi, Chi Epsilon and Phi Beta Sigma honor societies. He worked for Midlantic Engineering Inc.

Gerald J. Salinard '83, Mertztown, Pa., April 1, 2016. Mr. Salinard was active in the Newman Association as a student. He worked for C.L. Adams.

Charles R. Euston '85, Hamburg, Pa., June 3, 2016. While an undergraduate, Mr. Euston was involved with the intramural program. He worked for 30 years as the director of pyroprocessing for F.L. Smidth Co., where he was named Engineer of the Year in the late 1990s.

Ray A. Popovich '85, Scott Township, Pa., March 8, 2016. Mr. Popovich owned Montdale Dairy, which was started by his father.

Kirsten B. (Myrhe) Conniff '86, Cannonsburg, Pa., March 14, 2016. Mrs. Conniff was an Alpha Phi sister. She also ran track and played field hockey. She owned and operated Kirsten's Landscaping.

John P. Heist '88, Jersey City, N.J., March 10, 2016. Mr. Heist was a Phi Kappa Theta brother and sang with the choir. He worked as the vice president of planning for Collection18. His father, Harry, was a member of the Class of 1960.

REMEMBERING Professor Alexis Ostapenko

1990s

John A. Ward IV '90, Barrington, Ill., April 10, 2016. Mr. Ward played football as an undergraduate and he served as a regional club president as an alumnus. He worked for United Airlines.

David M. Bourquin '94, Nashville, Tenn., Dec. 17, 2015. Mr. Bourquin was a Phi Sigma Kappa brother.

Kurt A. Miller '97, Bethlehem, Pa., April 4, 2016. Mr. Miller worked for Lutron for nearly 20 years. His father, John, earned his graduate degree at Lehigh in 1976. the Class of 1977.

2000s

Jonathan V. Hock '03, Towson, Md., May 8, 2016. Mr. Hock was a Theta Chi and Theta Delta Chi brother. He worked for Medifast.

David R. Catchpole '08, Gloucester, United Kingdom, March 6, 2016. Mr. Catchpole was a Phi Kappa Theta brother. His brother, Michael, is a member of the Class of 2011.

2010s

Andrew M. Rinaldi '15,

Greenwich, Conn., June 12, 2016. Mr. Rinaldi worked as a cyber security associate for PKF O'Connor Davis. His father, Marc, is a member of the Class of 1976.

GRADUATE

Paul C. Dunkelberger M.A. '48, Reading, Pa., July 1, 2016. Dr. Dunkelberger was the superintendent of schools for Kutztown, Owen J. Roberts, and Lebanon high schools.

William F. Reed M.A. '50, Allentown, Pa., May I, 2016. Mr. Reed served in the U.S. Navy during World War II. He taught and served as a guidance counselor for the Allentown School District. Samuel J. Nelson Jr. Ph.D.

'51, Williamsport, Md., July 5, 2016. Dr. Nelson worked for Uniroyal developing synthetic rubber. He then went into consulting in the same field.

Shirley B. Reeve M.S. '51, McAllen, Texas, April 8, 2016. Dr. Reeve taught at Pan American University. Her husband, Robert, received a graduate degree from Lehigh in 1951 as well.

Paul E. Miller M.A. '54, Fountain Hill, Pa., March 25, 2016. Mr. Miller taught sciences and coached basketball at Fountain Hill High School before he went into administration for the district.

Charles G. Schilling M.S. '54, Murrysville, Pa., March 23, 2016. Mr. Schilling served in the U.S. Army. He went on to work as a structural engineer for U.S. Steel Research Laboratories before becoming an independent consultant.

Joseph M. Clifford M.S. '49, Ph.D. '55, Palo Alto, Calif., April 10, 2016. Dr. Clifford served in the U.S. Army in the Pacific Theater during World War II. He was part of the team that studied the effects of the atomic bomb in Hiroshima. His career started at the Pentagon, and he retired from Aerospace Corp., where he helped to develop the GPS program.

Richard P. Keim M.A. '55, Emmaus, Pa., June 20, 2016. Dr. Keim served as a commander in the U.S. Navy during the Korean War. He worked as an educator for East Penn School District, taught at Kutztown University and retired as a psychologist. He was active in local politics and served as acting mayor of Emmaus.

James P. Sweeney M.A. '55, Fallston, Md., April 1, 2016. Mr. Sweeney served in the U.S. Army. He was a high school science teacher at Franklin High A Joy for Learning

Alex "Dr. O" Ostapenko took the most pride in his students' successes."

Alexis Ostapenko, a professor emeritus of structural engineering whose career at Lehigh spanned four decades, died Sept. 26 at 92.

His colleagues admired Ostapenko—or "Dr. O" as many affectionately called him—for his immense intellect and warm spirit. He joined the department of civil and environmental engineering in 1957, following his dissertation defense at MIT, and retired as an active faculty member in 1994, though he continued mentoring graduate students for several years.

He investigated the stability and strength of plate and box girders on bridges, ships and offshore drilling platforms, and the causes of tanker explosions. He won many awards and was widely published, but said once, "I am most proud of my students' accomplishments

and the way they progressed in their positions and found success in their fields."

One student, Paul Wiedorn '83, '85G. worked with Ostapenko on a project related to the interactive design of steel box girders. Wiedorn says the practice is commonplace now, but was very cutting edge at the time.

"He was a tough adviser in the sense that he expected you to work as hard as he did," Wiedorn says. "But I always had the

sense with Dr. Ostapenko that there was real enjoyment in learning new things, both about people and with technical subjects."

Wiedorn also remembers spending time with Ostapenko in 1984 when they were experimenting with the internet in its earliest form. "At the time, it was mostly connections between a limited number of university networks—well before the World Wide Web," he says. "Everything was text based—there were no Web addresses, just IP addresses—so I did not see any particular importance to the technology. But he did. He was very excited about the possibilities."

John W. Fisher, professor emeritus of structural engineering, remembers his colleague's endearing, one-of-a-kind personality.

"Alex walked everywhere," Fisher says. "Fritz Lab is seven stories tall, but he refused to take the elevator. As a result, he was in the best shape of anyone in the department by a significant margin."

Ostapenko was also prodigious when it came to learning new languages, Fisher remembers. Born in Ukraine, he received his early engineering education in Germany before coming to the United States. He taught himself even more languages as a professor at Lehigh in order to better interact with the civil and environmental engineering department's graduate students from Japan, China and other countries. In all, he spoke seven languages with varying degrees of fluency and dabbled in many others.

Gifts in Ostapenko's memory may be made to the Alexis Ostapenko Endowed Fellowship, Lehigh University, 27 Memorial Dr. West, Bethlehem, PA 18015.—*John Gilpatrick '10*



School in Reisterstown, Md., for 35 years.

Wallace A. Schlegel M.S. '56, Moore Township, Pa., April 3, 2016. Mr. Schlegel served in the U.S. Army during the Korean War. He worked for AT&T for 26 years before retiring. His sister, Lorie Dotter M.Ed. '76, and stepson, Bruce Gray '81, are members of the Lehigh family.

Jean E. McClay '57G, Palmer Township, Pa., June 4, 2016. Ms. McClay taught English in the Easton Area School District for 41 years.

Mark E. Setzer '57G, Stroudsburg, Pa., June 13, 2016. Mr. Setzer taught physics in Moorestown High School.

Thomas C. Mentzer Ph.D. '58, Adrian, Mich., April 12, 2016. Dr. Mentzer taught at Trinity, Dickinson, and Adrian colleges. He also worked for the City of Adrian as an engineer in the utilities department.

Franklin A. Behrens M.A. '59, Keene, N.H., April 2, 2016. Mr. Behrens taught junior high school English and college-level math.

Lloyd E. Foss M.S. '59, Stewartsville, N.J., June 12, 2016. Mr. Foss served in the U.S. Army in World War II; he received the Bronze Star after escaping the German Army and taking strategic plans with him. He also escaped the Soviet Army in Berlin. He worked for Bethlehem Steel before transitioning to the newsprint industry. He retired as the vice president of newsprint purchasing for Hearst Corp.

Irwin M. Marcus Ph.D. '59, Indiana, Pa., March 31, 2016.

Eugene E. Morath Jr. MBA '**59**, Alexandria, Va., May 4, 2016. Mr. Morath served in the U.S. Army during World War II, and he was part of the D-Day invasion. He also served in Korea and Vietnam. He earned the Silver Star, the Legion of Merit, Bronze Star, Purple Heart and many other commendations during his service. He taught and held several government positions, before retiring from FEMA.

George E. Peatick Jr. M.Ed. '59, Bridgewater, N.J., April 12, 2016. Dr. Peatick was the director of special education for Wayne Township for many years.

George E. Schmauch Ph.D. '59, Macungie, Pa., June 11, 2016. Dr. Schmauch served in the U.S. Army and worked for Air Products as the director of engineering safety.

David H. Pai M.S. '60, Davidson, N.C., July 23, 2016. Dr. Pai spent his entire career at Foster Wheeler Corp., and he retired as president and CEO of the Foster Wheeler Development Corp. He was elected to the National Academy of Engineering in 1994.

Elbur A. Techentin M.A. '60, Pottsville, Pa., May 6, 2016. Mr. Techentin served in the U.S. Army during the Korean War. He was the superintendent of Mahanoy Area School District.

Henry M. Pollack M.S. '61, Lower Pottsgrove Township, Pa., April 17, 2016. Mr. Pollack served in the U.S. Navy. He worked for American Machine & Tool Co. Inc., where he designed centrifugal pump lines. He retired as president, CEO and part owner.

Ray K. Schultz M.S. '61, Ph.D. '65, Lower Providence Township, Pa., June 24, 2016. Dr. Schultz was a chemistry professor at Ursinus College for nearly 40 years.

Joseph A. Sgro M.S. '61, Asheville, N.C., July 16, 2016. Dr. Sgro was an industrial psychologist and faculty member at Virginia Tech for 33 years. He most enjoyed serving as an advisor to undergraduate students. He also coached the women's basketball team for several years.

William C. Sherwood Ph.D. '61, Harrisonburg, Va., April 12, 2016. Dr. Sherwood was a U.S. Army veteran. He taught at James Madison University for 42 years. **Karen W. Coleman M.A. '63**, Kennett Square, Pa., April 29, 2016. Dr. Coleman taught composition, literature, reading and art history.

Robert G. Leidich M.Ed. '64, Allentown, Pa., July 19, 2016. Mr. Leidich taught in the Allentown School District before becoming a principal in the East Penn School District.

John H. Waring Jr. M.Ed. '64, Boyertown, Pa., April 7, 2016. Mr. Waring was a guidance counselor in the Boyertown School District.

Henry W. Hitzrot Jr. M.S. '65, Annapolis, Md., May 16, 2016. Mr. Hitzrot was a U.S. Army veteran. He worked for Bethlehem Steel, where he developed a method by which iron scarfings could be recycled and used for blast cleaning. He retired from Chesapeake Specialty Products as vice president.

Gerald B. Manning M.S. '65, Winston-Salem, N.C., June 11, 2016. Mr. Manning retired from AT&T as a department chief.

Patrick J. Duddy M.A. '67, Kutztown, Pa., June 8, 2016. Mr. Duddy taught biology at Kutztown University for 34 years. He was the first recipient of the Arthur and Isabel Wiesenberger Faculty Award for Excellence in Teaching.

Frederick G. Gilmartin Ed.D. '69, Bethlehem, Pa., May 28, 2016. Dr. Gilmartin served in the U.S. Navy during World War II. He was the art coordinator for the Bethlehem Area School District and the senior art teacher at Liberty High School. He made a second career as a watercolor artist.

George W. Gibbs M.Ed. '70, Allentown, Pa., June 19, 2016. Mr. Gibbs was a U.S. Navy veteran. His career began at AT&T before moving into the education sphere. He worked at Muhlenberg College, holding several positions, including dean of admissions and freshmen. He co-founded the Gibbs & Wall educational consultancy.

Austin I. Snyder M.Ed. '70, Horsham, Pa., June 16, 2016. Mr. Snyder spent 30 years as the assistant principal and principal of Wissahickon Middle School. He was most proud that Wissahickon was one of the first winners of the PA Blue Ribbon award for secondary schools.

Robert P. Springer M.Ed. '71, Sinking Spring, Pa., March 19, 2016. Mr. Springer served the Schuykill Valley School District for many years, as a teacher, principal and assistant superintendent.

Dale L. Schaeberle Ed.D. '72, Hanover, Pa., April 14, 2016. Dr. Schaeberle held many positions throughout academia, including teacher, principal and superintendent. He went on to be an adjunct graduate instructor and supervisor of interns in administration for McDaniel College. McDaniel honored him with the Joseph R. Bailer Award in 2011 in recognition of his contributions to education.

Larry S. Cote M.Ed. '75, St. Petersburg, Fla., July 24, 2016. Dr. Cote served in the U.S. Army Corps of Engineers during the Vietnam War and was awarded the Army Commendation Medal for meritorious service. He had a 37-year career in higher education, working his way through Pennsylvania State University and West Virginia University positions focused on connecting the universities to the communities they reside in through service.

Roland H. Holvey Cert. '76, M.Ed. '81, Elysburg, Pa., June 11, 2016. Mr. Holvey was a veteran of World War II, having served in the U.S. Navy. He was the director of Northumberland County Vo-Tech until his retirement.

Isabel G. Heffernan M.Ed. '77, Emmaus, Pa., Jan. 14, 2016. Mrs. Heffernan worked as a public health and school nurse in the Allentown School District.

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Albert F. Buchignani M.Ed. '78, Lehighton, Pa., July 27, 2016. Mr. Buchignani served in the U.S. Air Force during the Vietnam War. He spent his entire career in the Parkland School District.

Dennis C. Hendricks M.Ed. '78, Perkasie, Pa., March 26, 2016. Mr. Hendricks was a Vietnam War veteran, having served in the U.S. Army. He taught elementary school in Pennridge School District at the time of his retirement.

Janice O. Henson M.Ed. '78, Ed.D. '88, East Greenville, Pa., July 16, 2015. Dr. Henson taught exceptional and learning-disabled students in the North Penn School District.

William J. McGarry M.Ed. '78, Pittston, Pa., April 1, 2016. Mr. McGarry had a long career in university administration, working at Lehigh University, Rensselaer Polytechnic Institute and retiring as the vice president for finance and administration and treasurer of the board of control from Michigan Technological University. His daughter, Erin McGarry-Sullivan, is a member of the Class of 1990.

Nancy W. Price M.Ed. '80, M.Ed. '81, Pottstown, Pa., June 9, 2016. Mrs. Price worked as a teacher in the Pottstown School District and a psychologist in the Boyertown Area School District.

Larry J. Yuhas M.S. '81, Pennington, N.J., July 3, 2016. Mr. Yuhas worked for the U.S. Naval Propulsion Test Center, the New Jersey Department of Public Transportation and General Electric.

Patricia A. Hauber M.Ed.

'85, Harleysville, Pa., Aug. 3, 2016. Ms. Hauber worked as the science coordinator and as a science teacher at St. Jude School in Chalfont before retirement. She was named to the 2000 "Who's Who among American Teachers."

David A. Dunbar M.S. '91, Ph.D. '95, Exeter Township, Pa., May 21, 2016. Dr. Dunbar was a professor of biology at Cabrini College.

David J. Wren Ed.D. '93, Scranton, Pa., Aug. 8, 2016. Dr. Wren spent nearly 40 years as a teacher and reading specialist. He retired from the Scranton School District.

Kimberly A. (Damm) Gaughan M. Eng. '03, Upper Pittsgrove Township, Pa., July 24, 2016. Mrs. Gaughan worked as a research and development specialist for Ashland Chemical.

NOSTALGIA: #LehighBeatDuke



THIS COMING MARCH will mark the five-year anniversary of one of the greatest moments, and greatest achievements, in Lehigh sports history. On March 6, 2012, in Greensboro, N.C., C.J. McCollum and the Lehigh men's basketball team knocked off mighty Duke in the first round of the NCAA basketball tournament. In celebration of that momentous occasion, the *Bulletin* is working to publish an "oral history" of that great win—and the great season that preceded it. To do so, however, we need your help! If you have any photos, videos or simply memories from the Duke win, please share with us. Every little anecdote and image we collect will help us tell the full story behind this amazing achievement. Email your contributions to Mary Ellen Alu, managing editor, at *maa614@lehigh.edu*.

A Message from the Planned Giving Office

LEHIGHERING PROFESSOR JOHN C. CHEN

"Lehigh was very much a part of his life," said Katherine L. Chen '80G of her late husband, Dr. John C. Chen, who was a beloved chemical engineering faculty member, department chair, college dean, and ground-breaking researcher during his more than 40 years at Lehigh. He taught courses in chemical and mechanical engineering and directed the Institute of Thermo-Fluid Engineering and Science.

"He had a certain loyalty to Lehigh. People would ask him, 'Where are you going to go after you retire?' Well, his community was here. So, even though he retired in 2005, he would still go to his office, and people would still come to ask him how to do things. In retirement, he was advising a Ph.D. student, completing research, teaching classes, and was very much engaged," said Katherine, a retired senior engineer with Bethlehem Steel who earned a master's degree in chemical engineering from Lehigh and a master's degree and Ph.D. in chemistry from Columbia.

John loved teaching at Lehigh, mentoring students, and being free to complete research to pursue his ideas. His proven work broadly impacted engineering practices in power generation, energy systems, environmental technologies, and chemical processing. The "Chen Method" that he developed has become the global standard for designing vapor-liquid boiling systems used in the chemical, power, refrigeration, petroleum, nuclear, and gas industries.

During his tenure, John received 18 major industry awards, published more than 200 journal articles, and supervised 35 Ph.D. dissertations and 14 master's degree theses.

In her husband's memory, Katherine established the **John C. Chen Endowed Fellowship in Chemical Engineering** to assist Ph.D. candidates in the field of mass transfer, heat transfer, or fluid mechanics — John's specialty areas — to achieve their educational goals.

"I would like for him to be remembered at a place where he spent so much of his working life. He very much enjoyed research. He viewed it as a way to gain a better understanding of the wonderful world that

God has created," she said. "Perhaps in a small way, we could help by providing some of the much needed funding necessary for research."

"In addition to being my advisor, John Chen contributed to my personal and professional development in countless ways. As a mentor, he was invaluable. I wouldn't be the person I am now if not in large part because of Dr. Chen," said Ron Cimini '84G '88G, global process research manager at ExxonMobil Chemical Company, who was advised by John while earning both his Lehigh master's degree and Ph.D. in chemical engineering. For more information on how you can contribute to the Chen Fellowship or make an impact through a planned gift to Lehigh, please contact Lorraine Wiedorn '84G, assistant vice president for planned giving, at (610) 758-4874.

The endowed fellowship is the second Chen legacy that will help Lehigh students. During his lifetime, John established the **John C. Chen Prize** to pay for the membership of undergraduate students majoring in chemical engineering to join the American Institute of Chemical Engineers, an organization that he was deeply involved with and served as president.



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