

The

LEHIGH

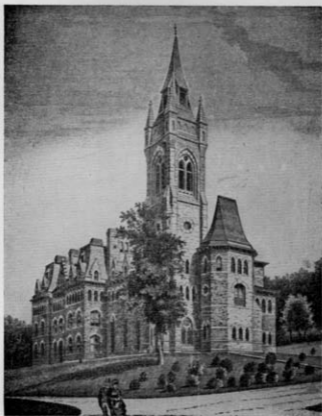
. . . Story



by

BILLY CORNELIUS '89

*To Dean Palmer
"Billy Cornelius"
"Billy '89."*



Old Packer Hall

DEDICATED
TO
CLASS
OF
'89

FOREWORD

At the time of the celebration of the 75th anniversary of the founding of Lehigh University, on October 3, 4 and 5, 1941, I wrote a story of the 75 years, covering in detail the happenings and accounts of presidents, professors and students while in college and in after-life, including many things long since forgotten. This story took in some three to four hundred pages. The University published this for distribution among the alumni, libraries and sister colleges, but decided that it should not cover more than about fifty pages, so a lot of the most interesting tales were by necessity cut out.

I have now decided to publish the whole story in attractive book form.

Billy Cornelius, '89

510 First Avenue

Bethlehem, Pennsylvania

1870

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...

Lehigh before World War II! Oh, what a difference from now, with the war on. The students are nearly all in uniform cracking their heels together and marching from class room to class room. Lambert Hall is so filled with service men that the instructors and civilian students are turned out to make room for the soldier boys and are getting their meals where they can about town. Fraternity houses on the campus stripped of furniture and filled with double decker cots. Cots everywhere—in the gymnasium and wherever there is floor space. Then all of a sudden the service men are marched out and a mere handful is left. A good many of the faculty taking leaves-of-absences, some going into the service, others transferring to other colleges or getting jobs at the Bethlehem Steel Company and elsewhere. The campus is almost deserted. There were no alumni doings in June; President Williams resigns and the University is being run by the three Deans—Palmer, Carothers and Congdon. No one knows what the next change will be but good old Lehigh keeps on and will be on the job "forever and a day".

Almost forgot this book is about Lehigh before World War II but could not forego the temptation of a picture as it is in 1944.

My personal recollection of Lehigh dates back to 1885 when I entered as a freshman. However, I had some previous knowledge through my older brother, Justice Cox Cornelius, who entered in 1884. He dropped out a year to earn money and we graduated together in '89.

Information previous to 1884 and 1885 I have gathered from statistics of various kinds and different sources. Have checked and rechecked to make information just as accurate as possible.

At the time Lehigh celebrated its 75th anniversary, the University published from my data a very much condensed pamphlet for distri-

bution on which Professor Palmer rendered me no end of help. Much of the data in this book is incorporated from the booklet that was distributed at the time of the Diamond Anniversary and in which booklet President Williams contributed the following fine "Foreword":

"The founding of Lehigh University by Asa Packer in 1865-1866 was an act of rare vision and courageous faith, for there was little in the contemporary circumstances to indicate the need of a university, or even a college, at the location chosen. Three small colleges for men already in this twenty-mile stretch of the Lehigh Valley were struggling for existence, and higher education generally was being pushed from its classical moorings. The few universities extant at the time in America had evolved through the expansion of colleges of liberal arts, while Mr. Packer's brave new plan contemplated a university whose spirit and motif would derive from science and technology rather than from traditional learning. Moreover, his proposal came at a time when science was knocking and being rebuffed at venerable academic doors, when the designation "university" had been adopted by few of our older institutions and when publicists had not generally descried the significance of the meteoric shower of scientific discovery then bursting on the world as marking the advent of an industrial era. Only a mind sensitive to the needs of the morrow would have envisioned in the tumultuous year of 1865 on the wooded slopes of South Mountain "a polytechnic college of the name, style and title of the 'Lehigh University'" as the most serviceable benefit to coming generations to which private wealth could be devoted.

As we review the scene seventy-five years later, two questions arise, "Where did Mr. Packer get the idea of such an institution?" and "Why did he locate his project in Bethlehem?" Although a definitive history of the role of the University in American education may properly await Lehigh's centennial celebration, the answers to these two questions give an approach to the preparation of such a history and a perspective for the chronology and the departmental histories assembled at this seventy-fifth anniversary.

The conception of Lehigh University and the purpose to bulid developed gradually in the Founder's mind as the result of his observation and experience, since he was not college bred. At that time, the nation was emerging from the turmoil of a terrible civil war which had diverted attention from normal developments, although it had revealed in high light the vital importance of the scientific utilization of natural resources and had given an impetus to education in that direction. The adolescent railroad was spreading prodigiously throughout the domain, as typified by the racing Pacific lines and Mr. Packer's bustling Lehigh Valley, and the nascent telegraph was keeping pace. The epochal discoveries of natural gas and petroleum, together with methods of refining to yield gasoline, cast a strange new light around the power horizon. New-found bituminous coal in the Midwest, precious metals in the Far West, iron and copper in the Great Lakes region were demanding improved mining methods. Smelting with anthracite and the Bessemer process were yielding cheap steel. These and other similar events indicated to anyone who could read the signs of the time that technical education would be the "open sesame" of industrial development.

A variety of technical schools had been established in Europe and America in response to the early-century inventions,—the applications of the steam engine, dynamo-electric currents, analysis of stresses in structures, and the new chemistry. The rise of *technische Hochschulen* in Germany in the middle third of the century was notably promoting her industrial success; Rensselaer School had been remodeled (1849) into a "polytechnic institute" at collegiate level; Lawrence and Sheffield scientific schools were taking root (1847-50) at Harvard and Yale respectively. But the pilot educational experiment for most of the new-type institutions was Norwich University, which had grown out of the American Literary Scientific and Military Academy, established (1820) at Norwich, Vt., by Alden Partridge, a graduate of and former teacher at West Point. This college had been moved to Middletown, Conn. (1825), and back to Norwich (1829) at a time to attract the avid attention of one Jonathan B. Turner, then a preparatory and college student

at nearby New Haven. Under the aegis of the "Association for the Promotion of Useful Education," the American Literary, Scientific and Military Academy was transformed into Norwich University (1834) with a curriculum in engineering the year following Turner's graduation at Yale, and moved to Northfield, Vt., the year Lehigh opened its doors (1866). The principles of this Association has been advocated by Benjamin Franklin three quarters of a century earlier in founding the Academy (1749) which later became the University of Pennsylvania, and the Association preceded by a year the "Society for the Diffusion of Useful Knowledge" in London.

The Association for the Promotion of Useful Education, recognizing "that the universities and colleges of the United States were generally modeled after those of Europe," set out to devise a new type of university for a new world to "prepare youth to discharge in the best possible manner the various duties likely to develop upon them in after life." The general principles of education adopted (1831) for this new-type institution included the following items:

1. Reducing the cost of college education as much as compatible with competence of instruction.

2. "Allowing persons desirous of pursuing any branch of science or literature to do so without being obliged to attend to any others."

3. "Permitting each individual to proceed in his studies as rapidly as possible, not being subject to delay by being classed with others of less requirements, talent, or industry."

4. "Affording the most ample means of instruction in the applications of science to the practical purposes of life."

Captain Partridge, President of Norwich and a sponsor of the Association, petitioned Congress (1841) to devote funds from the sale of public lands to establishing similar colleges in the respective states. In 1853, the legislature of Illinois, at the instigation of J. B. Turner, who in the meantime had become a protagonist of "useful education" in the Midwest, petitioned Congress to establish "industrial universities" in the various states. In 1856, Congressman Justin S. Morrill from Vermont, a neighbor and disciple of Partridge, offered a resolution of inquiry and, in 1857, introduced a bill to found a college in each state "to teach such branches of learning as are related to agriculture and mechanic arts . . . in order to promote liberal and practical education of the industrial classes in the several pursuits and professions of life." Asa Packer served as a representative in Congress (1853-7) and listened to the debates on these measures. The Morrill Bill was passed in 1859 but was vetoed by President Buchanan as "extravagant, impolitic, and unconstitutional." (With some modifications, the chief of which was the inclusion of military instruction, the bill was re-enacted and approved by President Lincoln in 1862.) Mr. Packer, an intimate friend of President Buchanan and fellow strict-constructionist, with a strong sense of Yankee frugality and an abhorrence of political control of education, doubtless shared the President's views. Nevertheless, being convinced of the merits of a college devoted to "useful education" as related to industry, he determined to found one under independent auspices.

Mr. Packer consulted Bishop William Bacon Stevens of the Pennsylvania Diocese (1864), a man of broad grasp and sympathies, for advice in rounding out the plan. Bishop Stevens, entering earnestly into the scheme, for Mr. Packer proposed a generous endowment, made extensive inquiries into systems and philosophies of higher education. From that collaboration, the classes and a "School of General Literature" were added to Mr. Packer's original technological concept. Emphasis on fundamental science rather than mechanic arts and the omission of agriculture were the chief variants from the land-grant college type. A strong Yale infusion was transmitted in the persons of the first president and faculty. Mr. Packer's influence continued through the thirteen formative years comprising his membership on the Board of Trustees.

The undergraduate program contemplated two years of general studies to be followed by two years of specialization. The research function, the distinguishing characteristic of a university, was included as well as the teaching and learning functions of a college. Graduate study was outlined at the beginning and provision for the PhD. and Sc.D. degrees was made within the first decade, although the first American doctorate had been conferred only in 1861. A considerable portion of the early faculty had doctoral degrees from European universities. In the schematic organizational diagram, three undesignated brackets were left blank for future expansion. The "School of General Literature" and the studies in "political economy" and "civil polity" were the embryonic "College of Arts and Science" and "College of Business Administration" of a later day. The character and scope of the new institution were presaged in the pregnant words of Francis Bacon, "Man, the minister and interpreter of nature," which (September 4, 1865) were emblazoned on the University seal.

Where was the new institution to be located? Mr. Packer first considered his home town of Mauch Chunk at the upper end of the Valley, and investigated possible sites. Topography, sparse population and

other factors of access and environment seemed unfavorable. He then went to Easton (1864) at the lower end of the Valley and discussed with the president of Lafayette College the possibility of attaching the new venture to that institution. Probably an unwillingness to subordinate his idea of technical science as a fundamental principle of education to a department in a small denominational arts college (Lafayette then numbered 50 students) caused him to decide to start afresh, although tradition ascribes various influences, chiefly personal, as entering into the decision.

He saw at Bethlehem, near the geographical center of the area which he wished to benefit, a favorable social and physical environment. The educational theories of the great Moravian teacher, John Amos Comenius, who had pioneered two centuries previously in founding the *realschule* type in Germany and Sweden, had entered into the joint thinking of Bishop Stevens and Mr. Packer. He saw at Bethlehem, moreover, in the zinc and steel works, clear evidence of a future industrial center. To an alumni committee who expressed in 1878 the belief to Mr. Packer that Bethlehem offered exceptional opportunities for instruction in technology, he replied, "That is what I thought when I first decided to put the University at Bethlehem, and that is why I put it there". He chose the site on the wooded slope of South Mountain, giving a fifty-six acre tract, which he had owned for over a decade. It overlooked the city of Bethlehem, the Lehigh River, the cargo-laden canal, two active zinc plants, the growing Bethlehem Iron Works, four busy new railroads, numerous telegraph lines, and the straggling workers' village of South Bethlehem in the foreground.

Lehigh's birth, therefore, occurred on the eve of an epochal advance in education which resulted in establishing science and technology alongside traditional learning as college curricula and in creating agencies for research in the technical field. Contemporaneously with Lehigh, came Massachusetts Institute, Cornell and the state universities which stemmed from the Morrill Act. Largely as a result of that introduction of technology into education, Lehigh's seventy-five year span has witnessed unprecedented achievements in invention and industry. These include electric lights and machinery, telephone, radio, motion pictures, steam turbine, internal combustion engine, automobile, airplane, typewriter, linotype, aluminum, modern steel and alloys, plastics, rayon, mass production, central heating, tall buildings, long bridges, water purification, sewage treatment, and a thousand other labor and health saving devices. The numerous graduates of Lehigh and similar schools of this group fruitfully cultivated any seed of invention wherever dropped. Technologic development and scientific education have mutually reacted and stimulated each other in this great industrial epoch. In the scientific education, in the technologic achievements, and in the industrial development of this period, Lehigh University, through its faculty and alumni, has had an important part.

In seventy-five years of life, Lehigh has attained a significant role in higher education, not only in rendering a specific service in the professional training of young men but also as an institution of distinctive character in molding the educational ideology of the nation. Realistic in its tradition and associations, it stands for independent and thorough-going scholarship and holds to the freedoms and faiths, the duties and obligations which ennoble the American heritage. On the theory that good citizenship is not a subject of course specialization, the University includes the fundamentals of civic responsibilities and sound social attitudes as ingredients in all phases of its educational program. This is not done by indoctrination but by a way of life on the campus that is a vestibule to the way of life characteristic of the civilization which we call America.

In the founding, Mr. Packer not only gave of his substance, but out of his own rugged life experience as a builder, a judge, a legislator, a churchman, and a public-spirited citizen, he left also a liberal bequest of ideals and vital principles of social philosophy. His conviction that knowledge, truth, and integrity are fundamental prompted his then unprecedented gift to higher education, and his feeling of gratitude for the riches which had come into his hands and his corresponding sense of obligation to return a wise benefit to mankind idealized his benefaction. His loyalty and faith in the destiny of his country, his enterprise and sagacity in its economic development and his devotion in public service, formed an example whose emulation would be a liberal education. His firm belief in a natural unregimented social order and his economic tenets of free enterprise with individual responsibility in proportion to capacity and diligence constitute a legacy of fundamental worth in educational objectives. His testament of initiative and courage with his codicil of self-reliance and perseverance have caused successive generations of students at Lehigh to aspire to the heights which are attainable to those of stout heart. These intangibles are comprised in Mr. Packer's endowment of the *university invisible*, which, because its disciplines pertain to things of the spirit, to character, to attitude and duty, to civic and ethical standards, and to a way of living and meaning of life, is no less important than is physical plant in the whole "education of youth," the avowed intent of the Founder.

CLEMENT C. WILLIAMS.

1864

The honorable Asa Packer of Mauch Chunk called on Rt. Rev. William B. Stevens, D. D., Bishop of Pennsylvania, at his home in Philadelphia and, unsolicited, told the Bishop he wanted to give \$500,000.00 for the purpose of founding an educational institution in the Lehigh Valley, and asked the Bishop's help in devising a plan to carry out his wish.

1865

Judge Packer appointed Bishop Stevens chairman of a board of trustees and selected Robert H. Sayre and Robert A. Packer, who with himself would serve with the Bishop, and on July 27, 1865, this group got together in the old "Sun Inn" in Bethlehem and began to make plans.

On the evening of November 23, 1865, a group of friends of Asa Packer arranged a Testimonial Dinner for him in the Old Sun Inn in Bethlehem. Copies of the menu are preserved. Covering every conceivable dish of game, fish, meat, all kinds of fruit and desserts; wines, whiskeys, brandies and cordials. It must have been some feast.

1866

On the 9th day of February, 1866, the Governor of the Commonwealth of Pennsylvania, the Honorable A. G. Curtin signed an act of assembly "TO ERECT AND ESTABLISH AT OR NEAR THE BOROUGH OF SOUTH BETHLEHEM IN NORTHAMPTON COUNTY A POLYTECHNIC COLLEGE FOR THE EDUCATION OF YOUTH, OF THE NAME, STYLE AND TITLE OF THE LEHIGH UNIVERSITY."

So Lehigh, a UNIVERSITY from the start was born seventy-five years ago (1941).

The trustees decided one of their first duties was to select a President for the University and already on NOVEMBER 4, 1865, had chosen Henry Coppee, L. L. D., as LEHIGH'S first President.

The corner stone of Packer Hall laid July 1st of this year. The stone for the building came by rail, *in the rough*, and a side track was laid from the R. R. in the valley, up what is now Brodhead Avenue, cutting across the campus, and up hill to the site of the building where it was unloaded, shaped and finished for the stonemasons to lay. Careful scrutiny of the ground on the campus still show in places the course the track took through the campus.

The Moravian church was purchased and refitted with lecture and recitation rooms, named Christmas Hall (can find no record of why

named "Christmas Hall" in Moravian or Lehigh records), and on September 1st college was opened with four professors, three instructors, a janitor and twenty-five students.

1867

June 25th first University Day. Another class of nineteen entered with six in the Special School (graduates of other colleges) making a total enrollment of fifty.

Under *Expenses* in the Register we see "Rooms in University building (Christmas Hall) are *rent free*. Board in Mess-hall furnished at as low rates as possible. Students may room and board in any part of town by permission of the President." Estimated cost: tuition \$90.00; board (40 weeks at \$4.75) \$190.00; books \$20.00; washing \$25.00; Total \$325.00.

George Naugh McMullen entered Lehigh September, 1867. Oldest living Lehigh man (1941). Living at 15 Delaware Avenue, Pittston, Penna. Attended Lehigh dinner in Hazelton April 29, 1940. Had sick spell or would have been the guest of honor at Alumni Dinner June 1940.

When Lehigh University started to do business in old Christmas Hall on September 1st, 1866, they had no city water supply. The Bethlehem South Gas and Water Company had been organized (1864) and later the Mountain Water Company in 1894. Both purchased in 1903 by the Bethlehem City Water Company. Although the Bethlehem South Gas and Water Company had been started there were no pipe lines near the campus so the trustees looked to the mountain creek coming down the valley for a water supply and made small dams across the stream to conserve the water and afterward built a reservoir at about an elevation of 500 and laid a 3" cast iron pipe to Christmas Hall and a branch off to Packer Hall. Extending this pipe line to buildings as they were erected, making connection later at Packer Avenue and Birch Street with the city water system. Much of the old piping is still in the ground and as excavations are made from time to time, it is found. The last instance being when excavating was being made for Drinker House when quite a section of the 3" line was discovered.

When the President's house was built in 1868 search was made for a water supply on west side of the ridge and a spring located and a reservoir built almost directly south of the President's House on the hillside at about 425 elevation and used as a water supply for west side of campus taking care of President's house, Professor Merriman's house, etc., connection being made later at Packer Hall with the other water system mentioned above coming from the mountain stream. Another spring was located about 100 feet west of the spring supplying the President's house and at about the same elevation and water from this was piped

down to the stable located on Saucon Avenue (upper end of Brodhead Avenue) and was also used as water supply for President's vegetable garden. Just about this spot was the President's large green-house and flower garden and in the early days plants were raised in the green-house and the campus was dotted all over with large and beautiful flower beds. This green-house and President's flower garden got the water through a 2" pipe from this spring. There were no storm sewers on the campus and all water was carried off in beautiful grass gutters wide and shallow so they could be mowed along with the lawn and grass kept cut. There were several 6" tile sewers for waste leading to an 8" main on Packer Avenue, one cutting across the campus right to Professor Merriman's house. Being head of the Civil Engineering Department he evidently saw to it that he had a good sewer connection. It is an interesting fact that today there are two places on the campus that have connection with the mountain spring water. Its source now being the old spring formerly used by the brewery. All our steam is generated from mountain spring water and Williams Hall has the other connection used for the aquarium and places where the use of the treated city water is not so good.

On file in Litzenberger's office is a contour map, *tracing* made in 1898, showing buildings, roads, etc. with steam ducts, gas lines, water pipes, sewers. Location of gas lamps, hydrants and water connections for washing pavements.

Professor Mansfield Merriman who came in 1878 was much interested in hydrostatic experiments, and recognized the value of the mountain stream, which at that time was an open stream running diagonally northeast through the campus down to Packer Avenue. Later he built a Hydrostatic Laboratory on the hillside.

There was recently held a formal dedication of a native stone monument on the sight of the Hydrostatic Laboratory. Bears the inscription:

On this sight
First Hydraulics Laboratory
under college auspices
in America
was built in 1887
Here
Professor Mansfield Merriman
conducted
important pioneer research

1868

House on campus for President being built. Coppee, President. Four professors: Rev. E. N. Potter on Moral and Mental Philosophy and Christian Evidences; C. M. Wetherill, Ph. D., M. D., Prof. of Chem-

istry; E. W. Morgan, Prof. of Mathematics and Mechanics; A. M. Mayer, Ph. D., Prof. of Physics and Astronomy; and William T. Roepper, Esq., Prof. of Mineralogy and Geology. Along with three instructors. The University was really at work. Attention in Register is called to the proximity of coal mines, etc. and steel plants "where students will be taken to observe and make notes." Latin and Greek, as well as French and German, were taught. Officers of the University consisted of president, professors, instructors, registrar, librarian and janitor—note in Register "The Janitor is an *officer of the University* specially placed by the President in charge of Buildings and Grounds. He is delegated with authority to direct *disorder to cease* and report damages and breaches of order to the *President*."

University sermon was preached in Church of the Nativity on June 23rd by Rt. Rev. William B. Stevens, D. D., Bishop of the Diocese of Pennsylvania.

Seal of the University adopted. Oval in form, on upper part is a Sun; just below an open Bible; on the bible is a Heart. Thus are represented the three Persons of the "Ever Blessed Trinity." Around the upper margin are the words of Bacon "Homo Minister et Interpres Naturae." Around the lower margin are the words "Lehigh University" and just below the Bible "Founded by Asa Packer 1865." However it did not get the charter till 1866, hence we are celebrating the 75th anniversary of founding in 1941.

Register states: "Every student shall upon admission write his name and shall subscribe to the following 'I promise to obey faithfully the laws and regulations of the Lehigh University, and to give full, prompt and cheerful obedience to all its officers.'"

1869

University motto first appeared on the cover of the Register "Homo Minister et Interpres Naturae."

Astronomical Observatory erected on University grounds. Equipped with an Equatorial six inches aperture and eight feet focus; a Zenith Sector; an Astronomical Clock; a Meridian Circle; and Prismatic Sextant, all the gift of Robert H. Saqre, Esq., one of the University trustees.

The University sermon was preached June 21st in the Church of Nativity by Rt. Rev. T. M. Clark, D. D., L. L. D., Bishop of Rhode Island.

First class graduated in Chapel of Packer Hall, June 24th, 1869. Class: J. Haynes, H. Corbin, Charles E. Ronaldson, Miles Rock, Charles W. Roepper and Clarence A. Wolle. Historical Discourse by Bishop Stevens, President of the Board of Trustees. The Bishop states "Though few in number, you yet constitute, like the first ripened grain the "Wave Sheaf," which we this day offer to the world as

the type and emblem of the men and the scholars which this University shall make."

Thomas Martin entered Sept. 1869. Alive (1941). Add. Kingston Coal Company, Kingston.

We have no record of any Lehigh men now living who entered in 70, 71.

H. Stanley Goodwin, C. E. came to the University as Demonstrator of Civil Engineering. Afterwards made Trustee of the University from 1871 to 1892, Secretary of Trustees of University 1880-83 and treasurer till 1892. Died Christmas Day, 1892.

1870

Among the rules of the University we see "No student shall have or use firearms or gunpowders on the precincts or carry any weapon about his person. Smoking in halls and on the grounds is strictly prohibited. No student shall play cards or in any way gamble. No student shall become intoxicated. No student shall use profane or indecent language. No student shall leave the town of Bethlehem except by written permission of the President of the University. After ringing of bell for study hours there shall be no noise or disorder whatever in rooms or hall. Loud talking, whistling, loud cries; *use of musical instruments are particular instances of noises to be avoided.*" There was no Dean in those days. It was up to the President to enforce these rules. He must have had some job.

1871

Under Physical Exercises we see a large and complete Gymnasium *will be* provided (students waited many years for this). "An unobstructed stretch of water for several miles above the town of Bethlehem and below affords excellent opportunities for manly and admirable exercise of the oar."

First appearance of Prizes. A gold medal to the best essay in the "Second" Class. (There were by name at that time no "Seniors," "Juniors," "Sophomores," or "Freshmen", but were designated by number 1st class, 2nd class). Subject for essay: "The Lehigh Valley."

A silver medal for the best declamation of a selected piece in the "First" Class.

Gold medal presented by Charles Brodhead, Esq. was awarded to J. P. Stuart Lawrence.

Silver medal presented by Bishop Stevens went to George M. Cummings.

Academic Year 1871-1872

First Literary Society "Lehigh JUNTO". Board of Trustees and Faculty honorary members. Meetings weekly. Students admitted by election.

Board of Trustees largely increased: H. S. Goodwin, Esq., South Bethlehem; Eckley B. Coxe, Esq., Drifton; Charles Brodhead, Esq., South Bethlehem; E. P. Wilbur, Esq., South Bethlehem; Harry Ingersoll, Esq., Philadelphia; George W. Childs, Philadelphia; Rev. Leighton Coleman, Mauch Chunk; Rev. Cortlandt Whitehead, South Bethlehem; Franklin B. Gowen, Esq., Pottsville; Robert A. Lamberton, Esq., Harrisburg (afterwards President of University), son, Robert A. Lamberton, now (1941) Mayor of Philadelphia; W. L. Conygham, Esq., Wilkes-Barre; Charles O. Skeer, Esq., Mauch Chunk; and James I. Blakeslee, Esq., Mauch Chunk.

William H. Chandler became Professor of Chemistry and Benjamin W. Frazier, A. M., Professor of Mining and Metallurgy, and S. Ringer, instructor in French and German. (Many are alive today who remember these men). Wish there were more space to tell more of the most interesting arrival on the campus loved by all and known as "Dutchey Ringer".

In July 1871 through the generosity of the founder a resolution was passed by the Board of Trustees declaring *tuition to be FREE in all branches and classes.*

University Sermon preached in Church of the Nativity by Rev. Henry C. Potter, D. D., New York City.

Preparatory class started. "Students at least 15 years of age are received and fitted for entrance next regular entering class." This swelled the University by 49 students, making the enrollment up to 121.

H. S. Drinker graduated class of '71 (later to become Lehigh's President).

W. P. Rice entered Sept. 1872 as freshman. Alive, retired, residence at Bolton Square Hotel, Cleveland, Ohio.

Academic Year 1872-1873

Rt. Rev. M. A. DeW. Howe, D. D., L. L. D., Bishop of Central Penna., became President of the Board of Trustees.

H. W. Harding, M. A., arrived from Philadelphia as Professor of Physics and Mechanics. Later procured some early electrical devices and taught Electrical Engineering. He was quite deaf and many recall side remarks made not always complimentary and not heard by the teacher. Register states the Chemical Laboratories and Lecture Rooms of Lehigh University are not surpassed in excellence by any similar establishment in the United States.

There is a note—"students are charged for chemicals and apparatus used, if moderately careful that should not exceed \$50.00 per year."

The *Chemical Society* was organized in fall of '71 but did not appear in register till '72.

Lectures were given by President Copee, Professor C. F. Chandler of Columbia, Professor G. F. Barker of Yale, Professor Chandler, Lehigh, and Professor Benjamin Silliman of Yale.

Wilbur Scholarship (value \$200.00) first appears and was awarded to William D. Hartshorne.

University Sermon was preached in the Church of Nativity by Rt. Rev. M. A. DeW. Howe, D. D., Bishop of Central Pennsylvania.

A note appears in register for first time "It is to be noted that while the University is by action of the Founder and Board of Trustees placed under the auspices of the Protestant Episcopal Church no undue influence is brought to bear upon students contrary to their own religious predilections or the expressed wishes of their parents."

For the first time subject of theses of graduation class is published in the Register.

The following, alive in 1941, entered as freshmen:

H. S. Jacoby entered September 1873. Add: 3000 Tilden St., N. W., Washington, D. C.

D. N. McBrier entered September 1873. Retired. Add: 306 West 6th St., Erie, Pa.

James F. Marsteller entered September 1873. Retired. Living in Friedensville, Pa.

C. R. Rauch entered September 1873. Retired. Add: 427 Second Ave., Bethlehem, Pa.

Academic Year 1873-1874

Saucon Hall built.

Michael Schall, Esq., of York, was elected to Board of Trustees in place of Joseph Harrison, Jr., Esq., of Philadelphia, who retired.

Professor James P. Kimball, Ph. D., F. G. S., came to take full charge of Department of Geology.

The Engineering Society appears. Organized in February 1873 for students especially in Civil, Mechanical and Mining Engineering. Lectures given by Prof. A. M. Mayer, Ph. D., of Stevens Institute and Professor E. L. Youmans and Prof. E. J. Houston.

University Sermon was preached by Rev. C. George Currie, St. Luke's Church, Phila., Pa.

Large entering class coming from many different states.

Julian Petee of Bethlehem entered as Freshman, September 1873.

Not heard from for many years, turned up in Bethlehem in June, 1940, and gathered into the "50 Year Plus Club", attended reunion dinner of Club and Alumni dinner. Remarkable *young* old man. Present add.: Hopewell Junction, N. Y.

Academic Year 1874-1875

First year for Register to bear on its face "*Tuition Free*" although it was made "Free" in 1871.

Three additional Members of Board of Trustees: The Rev. Marcus A. Tolman, Mauch Chunk; Maj. Robert Klotz, Mauch Chunk, and Henry Green, Esq., of Easton.

Professor C. L. Doolittle, C. E., came on the campus to be with us so many years as Prof. of Mathematics and Astronomy, and *Arthur E. Meaker* whose first duty was Secretary to the President.

Underheading "Facilities and Communication" in the Register we find "The health of Bethlehem is proverbial. The air pure and extremely invigorating. The water is excellent and free from limestone. The swift flowing Lehigh does not produce those ailments which are found on the banks of longer and more sluggish streams."

Charles L. Taylor won the *Wilbur Scholarship* prize of \$200.00. Must have invested it well for he is the one who gave us the Taylor Gymnasium. Taylor Hall is named for him by Andrew Carnegie who gave the money on condition it be named after his good friend Charley Taylor.

S. George W. Wickersham's name appears second time in Register. Frist time as Samuel S. Wickersham as he was baptized, but he changed his name to S. George Wickersham, the George W. being after his grandfather, George Wendal Woodward, and later dropped the S. and as Attorney General of the U. S. was known as George W. Wickersham.

Academic Year 1875-1876

Rev. John M. Leavitt, D. D., becomes President of the University. Registered issued under name "Catalogue" this one year for unknown reason.

Frank C. Angle becomes Secretary to the President.

The Chemical Society changed name to "the Chemical and Natural History Society of the Lehigh University."

Lectures by Prof. Benjamin Silliman of New Haven, Conn., Prof. Geo. F. Barker of Philadelphia, Edward S. Morse of Philadelphia, Prof. William H. Chandler and Prof. J. P. Kimball of Lehigh. The Engineering Society continued to meet twice a month.

Wilbur Scholarship Prize went to Henry S. Jacoby at this writing (1941) much alive, Professor Emeritus of Cornell University and living in Washington, D. C.

University Sermon preached in the Church of Nativity, June 7th, by Rev. Marcus A. Tolman of Mauch Chunk.

First appearance of listing, as Freshman, Sophomors, Juniors and Seniors.

Large number of gifts of articles received for Museum, Library, Geology Dept, etc.

First suggestion of formation of eating clubs that later became very popular.

R. H. Tucker only man who entered in Sept. 1875 we have record of now living (1941). Retired. Living at 1525 Waverly St., Palo Alto, Calif. Given Honorary Degree by Lehigh of ScD. in 1922.

First Epitome appears edited by class of 1878.

Academic Year 1876-1877

John T. Stockett, Esq., Mauch Chunk, added to Board of Trustees and two graduates of class of '69 added to list representing Lehigh Alumni, Miles Rock, C. E., Washington, D. C., Chas. E. Ronaldson, M. E., Philadelphia.

Lewis T. Wolle becomes Secretary to the President of the University.

A Classical Professorship established by the Hon. Asa Packer.

Arrangements made by which a graduate may remain an extra year and obtain another degree. For instance a C. E. graduate may remain an extra year taking prescribed subjects and receive a degree E. M. in addition.

Record made of the Gold Medal award essay on "Lehigh Valley" went to Thos. G. Buddington, Brooklyn, N. Y., and in '76 to H. F. J. Porter of Morristown, N. J.

Only two who entered as freshmen in September '76 we have record of still living: (1941) E. E. Boyer working as Electrical Engineer, Gen. Electric Co., Lynn, Mass., and R. B. Wetherill, M. D., practicing surgeon, 525 Columbia St., Lafayette, Ind.

University Day Sermon was preached by President Rev. John M. Leavitt, D. D., in the University Chapel Packer Hall for first time instead of in the Church of Nativity.

Academic Year 1877-1878

Two more Lehigh graduates added to members of the Board of Trustees to represent the Alumni: Henry B. Reed, B. A. '70 and M. D., Philadelphia, and Henry S. Drinker, E. M. '71.

W. A. Lamberton, A. M., comes as Professor of Greek and Latin and much loved. A. E. Meaker, C. E., made instructor in mathematics.

Postgraduate Degree announced. M. A., Master of Arts, Ph. D., Doctor of Philosophy, D. Sc., Doctor of Science. After two years of extra work for the degree.

Wilbur Scholarship prize awarded to R. H. Tucker, Jr.

University Sermon preached in University Chapel Packer Hall by Rev. William F. Morgan, D. D., St. Thomas' Church, New York.

B. F. Haldeman only one entering as freshman September 1877. We have record of now alive (1941) and Dist. Agent for Penn Mutual Life Insurance Co., Johnstown, Pa.

In 78 Asa Packer and wife celebrated their "Golden Wedding" at their home in Mauch Chunk. Memorable occasion. Lots of records of the event in existence with photographs taken and on file in the University Library.

Academic Year 1878-1879

Rock '69 and Ronaldson '69 dropped from Board of Trustees on rotation plan and R. . Yates, C. E., Rochester, N. Y., '70, and F. L. Clerc, C. E., Bethlehem, '71 added to represent the Alumni

Asa Packer dies May 17th, 1879. "Puck" publishes, for them, a most unusual editorial praising him as a man. "Oh! How sweet and pleasant a thing (they say) it is to do reverence to a noble life, which rounded its grand career in a beautiful death." Buried in family lot in Mauch Chunk.

Mansfield Merriman, C. E., Ph. D., joined the faculty, a wonderful man, as Professor of Civil and Mechanical Engineering.

PROFESSOR MERRIMAN'S HYDRAULICS LABORATORY

Professor Mansfield Merriman who came to Lehigh in 1878 from Yale to become Professor of Civil and Mechanical Engineering saw at once the value of the stream coming down the mountain through the campus, for experiments in hydraulics, and put a small dam across the stream, a bit above where Drinker House now stands.

George F. Pettinos, class of 87, gives us the following information. A small building was put up at the south east corner of where Williams Hall now stands not more than twelve to fifteen feet square, painted with red-oxide paint. Pettinos and Mason Delano Pratt, '87, helped Merriman build a wier about six feet wide, piped the water from the dam into the wier making an arrangement by which the opening from the wier could be very accurately regulated, and the water going through carefully caught and weighed and checked by the drop of the water in the wier. Pettinos says that Professor Merriman, he and Pratt spent hours in the afternoons conducting these experiments tabulating

them and helping Professor Merriman, under his direction, in making the necessary calculations. Pettinos says everything was very crude, but the results they were able to get were really wonderful. He speaks of Professor Merriman telling them one day of his trip to Pittsburgh where he saw some wonderful things relating various items, winding up by saying he saw a frog four feet long, and about eighteen inches across. This was pretty hard to believe till the professor said, of course this was a *railroad frog* at a switch.

Pettinos says, "We learned more from Professor Merriman about Hydraulics in that crude built laboratory on the hill than could possibly be gotten from books."

Lehigh still has that stream as a wonderful asset for the erection some day of one of the finest Hydraulics Laboratory on any college campus in the country and some alumnus might well wish to provide as a gift to Lehigh the money required for such a plant in memory of Old Professor Merriman.

Trustees decided on courses of Law Lectures. Such men as Gen. W. E. Doster; Robert E. Wright, Sr., Esq.; Hon. Henry Green; Matthew Hale Jones, Esq.; Hon. Edward L. Dana and the Hon. Ulysses Mercur of the Supreme Court of Pennsylvania took part at various meetings. Very successful but short lived.

Wilbur Scholarship Prize to Murray M. Duncan.

University Sermon in Chapel Packer Hall by Rev. John H. Hopkins, D. D.

On Wednesday evening, June 19, 1878, Eckley B. Coxe gave an address before the alumni.

First record in the Register of "The Association of the Alumni of the Lehigh University." Charles E. Ronaldson, M. E., Philadelphia, President; Charles L. Taylor, Johnstown, Pa., Corresponding Secretary and Treasurer; and Arthur E. Meaker, Recording Secretary.

University Library built. Erected by founder in memory of his daughter, Mrs. Lucy Packer Linderman, a gem in architecture. One of the most beautiful buildings on any campus in the country. Since materially enlarged.

Academic Year 1879-1880

Robert A. Lamberton, A. M., becomes President of University on resignation of Rev. John M. Leavitt.

Reed, '70, and Drinker, '71, retired by rotation. William R. Butler, M. E. '70, Mauch Chunk, and W. A. Lathrop, C. E. '75, added to Board of Trustees to represent the Alumni.

S. Ringer, U. J. D. advanced from instructor in French and German to professor.

A. E. Forstall, '83, at this writing (1941) most active and living at Montclair, N. J. Entered as freshman. A "Loyal son of Lehigh" all these years.

Garrett Linderman Hopes of old Eagle hotel entered as a freshman. Many remember him as a royal host to Lehigh men.

Preston A. Lambert long to be remembered as a professor entered as a freshman.

First Chinese to enter Lehigh Chung Liang Wong.

Academic Year 1880-1881

Yates, '70, and Clerc, '71, retire by rotation. L. E. Klotz, C. E., '72, Mauch Chunk, and W. H. Baker, '73, M. D. were added to Board of Trustees to represent the Alumni.

The Board of Trustees appointed an executive committee with certain powers to carry on between meetings, G. B. Linderman, M. D., Chairman Rt. Rev. M. A. DeWolfe Howe, D. D., LL. D., Robert A. Packer, Esq., Harry E. Packer, Esq., Robert H Sayre, Esq., E. P. Wilbur, Esq., John Frits, Esq., James I. Blakeslee, Esq., and H. S. Goodwin, secretary and treasurer.

Two new professors added to faculty, Henry C. Johnson, A. M., LL. B., Professor of Latin Language and Literature and the Rev. Frederic M. Bird, A. M., Chaplain and Professor of Psychology Christian Evidences and Rhetoric, and Traill Green, M. D., LL. D., to lecture on Physiology and Hygiene.

Harrison Link Auchmuty, '85, entered as freshman. Never misses Pittsburgh Lehigh Club meetings and interested to this day (1941) in Lehigh affairs.

First meeting of Library Committee, November 22nd, 1880. W. H. Chandler, director.

D. G. Kerr '84 entered as freshman. Living in Pittsburgh. At one time an active Vice-President of United States Steel Co. One of the best informed men in the country on blast furnace practice. "*Loyal son of Lehigh.*"

James Ward Packard, '84, who died March 20th, 1928, and whose remarkable life and his wonderful gift to Lehigh in the magnificent Packard Laboratory we all know. Entered this year as a freshman from Warren, Ohio.

Item appears in Register: "Special Students may enter, selecting studies as they please upon a satisfactory examination with sanction of the Faculty."

Wilbur prize to Charles Comstock Hopkins, Woodhull, N. Y.

Rev. Cyrus F. Knight, D. D., preached University Sermon in Chapel Packer Hall.

Founder's Day observed on Thursday, October 14, 1880, second Founder's Day, celebration was held in Packer Hall. Address by Hon. Thos. F. Bayard of Delaware. Sports on athletic field in the afternoon and fireworks in the evening.

Academic Year 1881-1882

Charles Hartshorne, Esq., Philadelphia, and W. D. Hartshorne, C. E. '74, added to Board of Trustees.

First copy of "Burr" appears.

Edward H. Williams, Jr., E. M., a graduate of Yale came to Lehigh as Professor of Mining and Geology. Small in stature, but a *big-man* providing funds for building of Williams Hall, named after him. Provided money for many prizes awarded to this day.

J. F. Klein, D. E., father of our present Professor Klein, came as Professor of Mechanical Engineering. Lovingly called "Pop Klein."

Mark Antony deWolfe Howe, Jr., entered as freshman, now (1941) living and active.

Founder's Day, Thursday, October 13 (second Thursday in October). Address by Hon. Samuel J. Randall of Pennsylvania. Sports in afternoon and fireworks in evening.

Washington's Birthday, February 22, 1881. Exercises in Packer Hall. Washington's Farewell address read by John Dougherty Ruff.

University Sermon preached by Rev. George Leeds, D. D. in Chapel Packer Hall.

Address to alumni in Packer Hall eve of Washington's Birthday 1881 by Hon. A. K. McClure.

Charles L. Taylor elected President of Alumni Association. W. D. Hartshorne and H. F. J. Porter, ice-Presidents, A. E. Meaker, Secretary and Treasurer.

Wilbur scholarship to Preston Albert Lambert.

Academic Year 1882-1883

Richard Harding Davis, nephew of Professor Harding, entered as freshman.

Paul Douglas Millholland, now living (1941) in Philadelphia, entered as freshman.

E. S. Stackhouse entered as freshman, active and living at 111 Park Avenue, Greenwich, Connecticut.

E. P. VanKirk entered as freshman, now living, (1941) retired. Add.: Water Street Elizabeth, Pa.

Also following who entered this year and still living are: (1941) L. J. H. Grossart, of Allentown, S. J. Harwi, New York City, M. A. D. Howe, Boston, and J. . Simon, Jr., New York City.

Curtis Hussey Veeder entered as freshman. Now a director of the University. A remarkable man. Likely the holder of more patents than any Lehigh graduate and the father of all kinds of mechanical counters following in the wake of the Veeder Cyclometer. A most loyal son of Lehigh. Living (1941) in his fine home in Hartford, Connecticut, and President Emeritus of the Lehigh Southern New England Club. Died 1944.

Picture of Packer Hall and Library in Register.

New gymnasium erected (now Coppee Hall) to be ready March 1883.

R. W. Mahon, '76, elected President of Alumni Association, H. F. J. Porter, '78, and Abraham Bruner, '80, Vice-presidents, H. S. House-keeper, '72, Secretary and Treasurer. Baker '73 and Taylor '76 new Alumni Trustees.

New set up of Board of Trustees. Bishop Howe, President, and nine members: J. W. Maynard; Robert Sayre; William Sayre; Robert Packer; Dr. Linderman; John Fritz; Harry Packer; Eckley B. Coxé and E. P. Wilbur.

Honorary Trustees

Bishop Stevens Bishop Whitehead of Pittsburgh; H. S. Goodwin; Charles Brodhead; Harry Ingersoll; George W. Childs; Rev. Leighton Coleman; Franklin Gowen; W. L. Conyngham; Charles O. Skeer; James Blakeslee; Michael Schall; Rev. Marcus Tolman; Hon. Robert Klotz; Hon. Henry Green; and Charles Hartshorne.

Honorary Alumni Trustees

W. D. Hartshorne '74, William R. Butler '70, W. H. Baker '73, and C. L. Taylor '76.

University Sermon by Rt. Rev. Henry Champlin Lay, D. D., Bishop of Easton, Maryland, M. D. June 18, 1882.

Wilbur Scholarship to Lewis Buckley Semple.

Academic Year 1883-1884

Calendar (for year 1884) appears for first time in front of Register.

Only one Honorary Alumnus Trustee elected. Butler, '70, Baker, '73, and Taylor, '76, remain on. Richard Brodhead, '70, is added and W. D. Hartshorne, '74, drops out and becomes Secretary and Treasurer of the Alumni Association.

W. L. Estes, M. D., becomes Lecturer on Physiology and Hygiene. Loved by all. Died Oct. 21, 1940.

Albert L. Colby, Ph. B., becomes instructor in Quantitative Analysis and William H. Herrick, B. A., Director of Gymnasium.

Frank R. Dravo and Frank Williams enter as freshmen. "Loyal sons of Lehigh" and who made their mark in the world.

The following, alive and active, (1941) entered as freshmen:

Robert W. Lee. Add.: Washington, D. C.

William Wirt Mills. Ad.: New York City.

George F. Pettinos. Add.: Philadelphia, Penna.

TAU BETA PI ESTABLISHED AT LEHIGH

Edwin S. Stackhouse, 1886

The genesis of Tau Beta Pi goes back to the early 1880's when the first thought came to Edward H. Williams, Jr., Professor of Mining and Geology at Lehigh, of securing for Lehigh a chapter of Phi Beta Kappa. The ambition of Dr. Williams was to establish at Lehigh an honorary fraternity which "Was based upon an honorary reward for high scholarship which should be open to every student in every department."

When it became clear that this could not be accomplished through Phi Beta Kappa, "He determined to furnish the students in those (the engineering) schools with something of a similar nature." This was during the winter of 1884-1885. Dr. Williams was a clever and resourceful man with foresight, energy, and experience in such matters, and began at once to put his plan into being.

Acting quickly, and alone, Dr. Williams planned a skeleton organization, designed the emblem, worked out conditions and limitations for membership, provided a diploma and other needed forms, selected for their oddity the oldest forms of the Greek letters as the symbol and then enlisted the support and interest of the alumni by selecting them according to rank and notifying them of their election. All this was completed by June 12th, 1885.

Mr. Irving A. Heikes, Valedictorian of 1885 was made the first student member, and the second was John H. Spengler, 1886, who was made Secretary. Dr. Williams, with these men, selected the men from 1886, who were notified by Spengler, as Secretary, on September 19th, 1885, and called the first meeting for September 30th.

The active members were Dr. Williams, Heikes, 1885, and Dean, Grosart, Harwi, Hazelton, Reist, Spengler, Stackhouse and Surls of 1886, and beginning with September 30th, 1885, the organization was effected, officers elected, committees set to work, constitution and by-laws adopted and plans made for future development and work. The first elected officers were, President, George A. Jenkins, '70; Vice-President, Arthur E. Meaker, '75; Corresponding Secretary, Edward H. Williams, Jr., '75; Secretary, John H. Spengler, '86; Treasurer, Simeon C. Hazelton, '86.

The society underwent a needed period of trial and development for over seven years at Lehigh. On November 2nd, 1892, Professor Lester P. Breckinridge, honorary member at Lehigh, founded the second chapter at Michigan State College, while Professor John J. Flather, honorary member at Lehigh, founded the third chapter on April 10th, 1893, at Purdue University.

The *first Convention* was held at Cleveland, Ohio, on May 28th, 1895. Out of this grew the *Executive Council*, the national governing body, whose first officers were, President, H. B. Evans, Penna. Alpha; Secretary, E. J. Fermier, Indiana Alpha; Treasurer, C. C. Pashby, Michigan Alpha. The first *Catalogue* was issued February 1898 at South Bethlehem under direction of Professor Robert C. H. Heck, Penna. Alpha. The *BENT of Tau Beta Pi*, the fraternity magazine, was first issued April 1906 under the direction of Lehigh men, with Harry R. Lee as first Editor. Other movements which have advanced the society are the *Fellowship Plan* and the *Student Loan Plan*.

The service of Dr. Williams to the engineering schools of the country, to the engineering profession in general and those thousands of young men, past and present, who hold up their hands for a clasp of encouragement, can never be evaluated, and Lehigh University should always be happy that the glory of this achievement is reflected upon her also, who inspired and fostered it.

All credit belongs to Dr. Williams, as a founder of the society and for his inspiration and devoted guidance until his retirement from Lehigh in 1902, and in fact his interest and advice continued until his death in 1933. The society dedicated a memorial to Dr. Williams at their 29th convention in Bethlehem on October 10th, 1930, which stands in front of Williams Hall on the Lehigh campus. The society has at the present time approximately 75 chapters and 33,000 members.

New Chemical Laboratory being built, 219 feet long, 44 in width. 95 ft. by 50 ft. wing added later and devoted to the Department of Metallurgy.

Advanced Course in Electricity started. One year course, under Professor Harding.

Founder's Day, October 11th, held in Opera House. Address by Hon. Eckley B. Coxe.

Washington's Birthday. Washington's farewell address was read by Mr. Hofford and orations by students.

University Sermon, June 17th, 1883, by the Rev. C. C. Tiffany, D. D., of New York.

Address before Alumni, June 2th, 1883, by Dr. Thomas M. Drown, of Easton, Pa.

Wilbur Scholarship prize awarded to William H. Cooke.

Alumni prizes: first prize of \$30.00 awarded to Augustus P. Smith,

and second prize of \$20.00 awarded to Harry Hurd Hillegass.

Alumni President H. F. J. Porter; secretary and treasurer, H. S. Houskeeper.

In the fall of 1884 Lehigh inaugurated Intercollegiate Competition in football with Lafayette, Rutgers and Haverford. Two games with Lafayette and one with each of the other colleges. Badly beaten in all games. Lehigh scored in second game against Lafayette. Touch-down by Richard Harding Davis. Frank Smith captained the team.

Academic Year 1884-1885

Calendar, 2nd half of 1884, all of 1885, and first half of 1886 appears in Register.

Board of Trustees appoint a Library Committee composed of President of the Board of Trustees, President of the University, Dr. Linderman, and E. P. Wilbur.

Building Committee: E. P. Wilbur, chairman; Robert H. Sayre and Dr. Linderman.

Thomas M. Eynon, Lehigh M. E. '81, instructor in Mechanical Engineering.

Charles F. Seeley becomes Assistant Gymnasium director. Small but perfect example of physical development.

James Ward Packard '84 graduates. Honoray Degree 1928. Awarded "Posthumously." Died March 20, 1928.

Many still alive (1941) who entered September, 1884: C. L. Banks, F. S. Bates, J. J. Clark, G. P. Connard, J. C. Cornelius (out a year graduated with '89), G. H. Davis, F. W. B. Pile and A. G. Rau, C. D. Marshall, Director of University today and Chairman of Buildings and Grounds Committee, a fine and loyal friend to Lehigh; H. H. McClintic, Marshall's partner in old firm of McClintic and Marshall and friend who did so much for Lehigh in many ways during his active life in Pittsburgh. While at Lehigh, McClintic played first base on the ball team and had such a wonderful reach, the fielders said they did not have to throw the ball to him, but just in his direction and he could always reach for it.

Founder's Day, October 9th, 1884. Address by William A. Hammond, New York.

Washington's Birthday. Washington's farewell address read by Mr. Rowley, and orations by students and music by University Glee Club.

University Sermon, June 15th, 1884, by Rev. William A. Snively, D. D., of New York.

Address before Alumni, June 18th, in Opera House by Professor A. J. DuBois, Ph. D., of New Haven, Connecticut.

Wilbur Scholarship to Joseph Kiddoo Surls.

Alumni prizes to: first prize Harry Luther Bowman and second prize to James Hollis Wells.

Officers of Alumni Association: President, Professor E. H. Williams, Jr.; Secretary and Treasurer, Charles Bull. H. F. J. Porter '78, added as Alumnus Trustee in place of Richard Brodhead, '70, retired by rotation.

Lehigh had its first victory in football, fall of 1885—class of '89 team—against Germantown Academy, played on Young America Cricket Club grounds in Germantown near Wayne Junction, and second University team against Rutgers 10-5, and tied Lafayette twice 0-0 and 6-6.

Academic Year 1885-1886

Charles Hartshorne, Esq. and Charles H. Cummings, Esq. took place of Hon. J. W. Maynard and Dr. Linderman on Board of Trustees. Charles Hartshorne, Esq. dropped from Honorary Trustee list (died September 13th, 1930).

J. S. Cunningham, '79, takes place of W. H. Baker, M. D. as Honorary Alumnus Trustee. Baker retired by rotation.

Many men who entered in September 1885 still alive in 1941. Such as:

Samuel E. Berger, liberal giver to Lehigh. Charter member of Philadelphia-Lehigh Club, the oldest club of continuous existence of any of the Lehigh clubs. He is always ready to come back to Lehigh for any and all celebrations; been a teacher all his life, now retired and living in Wissahickon Apts., Germantown, Philadelphia, Pa.

Wm. A. Cornelius, active in Lehigh affairs since graduation. Secretary of Pittsburgh-Lehigh Club, member of Philadelphia-Lehigh Club and served for several years on their Board of Directors. Also a member of the Lehigh Home Club. Secretary of his class since graduation, Secretary of the "Fifty Year Plus Club", Secretary of the 75th Anniversary Celebration, Executive Secretary of the Alumni Association, Lehigh University Archivist, member of the Faculty Club, Class Agent. Never misses a chance to be at a Lehigh gathering wherever held that he can possibly attend. Spent most of his life in the steel business in the Pittsburgh district, now helping out at Bethlehem Steel Company as supervisor of Termination Control Department.

Arch Johnston. President of his class ever since graduation and through his college course. Active in Fifty Year Plus Club and served as its president. Acted as host at his home for many Lehigh gatherings. Always present at all Lehigh gatherings in Bethlehem and much sought after as a speaker. Vice President of Bethlehem Steel Company,

first mayor of the consolidated Bethlehems and active in providing the wonderful Hill-to-Hill bridge. During his service as mayor, he introduced many improvements for Bethlehem. Most active in Moravian Church. Retired and living on his large estate at Camel's Hump.

John L. Lincoln. Been with Pocahontas Coal Company at Elkhorn, West Virginia, almost since graduation. President of the company for many years. Recently made president of the board of directors. Suffered a slight stroke and now (1945) mostly confined to the house. Lost only son in War II. Edited, published and distributed to the class at his own expense a most attractive and complete history of the Class of '89, covering fifty years since graduation.

S. E. Lambert. In the law business in Pasadena, California, almost since graduation. He and his wife never miss a chance to get back to Bethlehem at all alumni and class doings. Made the address at time of Bethlehem Steel Company launching the "Lehigh" at their shipyard on the Pacific coast.

Psi Upsilon fraternity held its annual convention with the Eta Chapter in Bethlehem.

Memorial Chapel being built.

Founder's Day, October 8th, 1885, laying the Corner-stone of the Memorial Chapel, gift of Mrs. Mary Packer Cummings. Addresses by Bishop of Pittsburgh, the Assistant Bishop of Central Pennsylvania, and the Bishop of Central Pennsylvania.

Courses in Photographic Chemistry established.

University Sermon, June 14th, 1885, by Rt. Rev. Nelson S. Rulison, D. D., Assistant Bishop of Central Pennsylvania.

Address before Alumni, June 17th, 1885, by Professor Doolittle.

Wilbur Scholarship to Harvey S. Fisher.

Alumni prizes: first to Charles A. Luckenbach and second to William P. Taylor.

Mustard and Cheese

Richard Harding Davis, class of '86, nephew of Professor Harding and Mr. Harding at that time owner of the old Philadelphia Inquirer, was a student at Lehigh and had more spending money than the average Lehigh student and spent a lot of his time at noon and in the evenings at "Old Charley Renigs", located on New Street above 4th, with his friends and fostered the idea in 1883 and 1884 of a Dramatic Club and called it the "Mustard and Cheese" which prospered and alive today under its old name and under the fine guidance of Professor A. A. Rights.

A. B. Wadleigh '89 Writes

During the winter of 1885, a few congenial souls, who were in the habit of meeting in Charlie Renig's back room, decided that Lehigh needed a dramatic club. As a result, one was formed. The leaders in the movement were Jake Robeson, Mark Howe and the well-known Davis brothers, Richard Harding and Charles Belmont. As I recollect, the other original members were Ed Stetson, Milt Morgan, Al Reeves, W. H. Cooke, C. E. Clapp, H. S. Haines and A. B. Wadleigh.

When we finally decided on what we would produce, rehearsals were held at Charlie's, that being the place where the proper encouragement could be obtained. After considerable discussion as to a name, Mustard and Cheese was decided as most appropriate as we consumed innumerable cheese sandwiches during the meetings.

Our first performance was held April 10, 1885 in Bethlehem in the Hall at the Sun Inn in conjunction with the Glee Club and the L. U. Orchestra. Our first performance was considerable of a success so we at once started to get better organized. Several other members were taken in. The next fall we gave two performances, one in Bethlehem and the other in Reading, where we were well entertained by the people there.

The first play was entitled "Love and Money":

Mary	H. S. Haines
William	J. S. Robeson
Sir Chauncey Dale	R. H. Davis

The same night they put on a second play "Sir Dagobert and the Dragon." Those taking part were: W. H. Cooke, A. S. Reeves, C. B. Davis, E. M. Morgan, E. E. Stetson, R. H. Davis and A. B. Wadleigh. Clapp was Manager of the "Mustard and Cheese", Haines Musical Director, and C. B. Davis was Stage Manager.

December 11th of the same year (1885) they gave another performance in the Sun Inn entitled "A Silent Protector." Those taking part were Lloyd, R. H. Davis, Wadleigh, Neilson and K. Frazier.

Academic Year 1886-1887

Allen A. Herr, '74, becomes an Honorary Alumnus Trustee to represent the Alumni in place of C. L. Taylor retired by rotation.

The Rev. Frederic M. Bird resigns as Chaplain. Died April 2, 1908.

Henry S. Jacoby, C. E., becomes instructor in Civil Engineering.

Herrick retires as Gymnasium Director and Fremont Swain, M. D. takes his place.

Albert H. Bates enters as freshman September 1886 completing his

course in three years and graduated with class of '89 as a Mechanical Engineer. Youngest member of the class.

The Agora, a Literary Society starts to which students of General Literature are eligible.

Sophomore Literary Society called "The Athenaeum" is started.

Founder's Day, October 14, 1886. Address by Hon. Richard Vaux of Philadelphia.

Washington's Birthday. Address read by Mr. Bonnot and orations by students.

University Sermon, June 20, by Rt. Rev. Cortlandt Whitehead, D. D., Bishop of Pittsburgh.

Address before Alumni, June 22, by Samuel P. Sadtler, Ph. D., F. C. S., of the University of Pennsylvania.

Wilbur Prize established by E. P. Wilbur. A fund yielding \$100.00 per year.

Alumni Prizes: 1st to George Thomas Richards

2nd to Harvey Sheafe Fisher

W. M. Scudder, '73, Newark, N. J., elected President of the Alumni Association.

Professor E. H. Williams publishes his book "The Twenty-Year Book of Lehigh University," a register of the officers and students 1866—1886, giving account of the organizations and customs of the University.

Lehigh starts football competition with Princeton—beaten 80-0, the biggest score ever made against Lehigh in any football game. Lehigh scores first victory over Lafayette 10-4. Lost second game 0-6.

Bradford, Palmer and Troop were disabled and we had three substitutes in the 10-4 game. Made a touch-down against Lafayette in the first nine minutes and then forced Lafayette to a safety and soon after made another touch down. Lafayette got the ball and in only five runs ran the ball down the field and made their touch down. Then they worked the ball up to our two yard line where we held for four downs, got the ball and kicked out of danger and the first half was over. No scores in the second half but just as the game was called we had the ball close to Lafayette's goal line. Great celebration in Bethlehem that night. Band and good parade.

Academic Year 1887-1888

C. L. Taylor, '76, comes back as Honorary Alumnus Trustee in place of Wm. Butler retired by rotation.

Joseph W. Richards, M. A., A. C., known as "Plug Richards" leading authority in the country on aluminum becomes instructor in Metal-

lurgy and Blowpiping.

Sunday morning. Services start in Memorial Chapel. The Rt. Rev. Nelson S. Rulison, D. D., Rector of the University; Rev. Albert W. Snyder, B. D., Chaplain; and J. Fred Wolle, of "Bach Festival" fame, Organist.

Swain retires as director and Charles F. Seeley, his assistant, runs the athletic programme.

The Mining Club first mentioned in the Register organized in 1883. Post Seniors, Seniors and Juniors only eligible.

Electrical Engineering Society organized in 1887 by students in Advanced Course in Electricity.

Founder's Day. Memorial Church. Consecrated by Bishop of Central Pennsylvania, October 13, 1887.

Washington's Birthday address by Professor William A. Lamberton and orations by students.

University Day, June 19th. Sermon by The Rt. Rev. Nelson S. Rulison, D. D., Assistant Bishop of Central Pennsylvania.

Award of Wilbur Scholarship to John Lockett, and honorable mention to Samuel Erwin Berger who was awarded the Wilbur Prize of \$100.00.

Alumni Prizes: 1st to Albert G. Rau, 2nd to George R. Baldwin, and third given for the first time to Edward B. Wiseman.

W. M. Scudder continues as President of the Alumni Association.

W. M. Scudder, '73, becomes Honorary Alumnus Trustee. H. F. J. Porter, '78, retiring by rotation.

First Intercollegiate Lacrosse game 1888.

Frank Anderson Merrick, now an Alumnus Trustee, entered as a freshman September 1888.

"The University Guild" Society for the promotion of the religious, mental, moral and social life of the students formed to meet fortnightly at the residence of the Chaplain.

Washington's Birthday. Orations by students. No address.

University Sermon, June 17th, by Rev. Samuel D. McConnell, D. D.

Wilbur Scholarship to Aaron Howell Van Cleve.

Wilbur Prizes to George Edward Wendle of the Sophomore Class, Walter Forstall, Domingo Anthony Usina, and Robert Schmitz of the Freshman Class, Mathematics, and Benjamin William Homans, John Zollinger Miller, Free Hand Drawing.

Alumni Prizes to : 1st William Dolloway Farwell

2nd Pearce Atkinson

3rd John Thomas Morrow

Alumni President Charles Bull of New York, N. Y.; secretary and treasurer Henry S. Jacoby.

L. F. Chapman, of the Class of '89, records as one of the few Lehigh men who knew Asa Packer as a lad. He remembers back in 1870 having his father introduce him and having Packer ask him "when you grow up are you going to Lehigh and become an Engineer like your father." (Father and uncle built the section of L. V. R. R. from Allentown to Mauch Chunk.

Lehigh wallops Penn State in the fall of 1889 in football 106-0. Biggest score made by Lehigh against any team in its history.

The eating place in Christmas Hall having been abandoned and the Commons not yet established, eating Clubs sprang up all over town. Psi Upsilon the first of the fraternities to have an eating club met at old Eagle Hotel under the name of the "AETOS" Club. There was the "Pawnee Eating Club," "The Calumet Club," the "Tooth Pick Club," "The Wish Bone Club," "The Late and Early Club," etc., etc. They had their own yells, officers and were quite a factor in University life. Also many of the members of the several societies met together for meals, "The Arcadia," "The Sword and Crescent," "The Eighteen Club," "The Louit Club," "Delta Phi Chess Club," etc., etc.

Academic Year 1889-1890

Charles H. Cummings, Esq., resigns as member of Board of Trustees.

Henry S. Drinker '71, becomes Honorary Alumnus Trustee in place of J. S. Cunningham, '79, retired by rotation.

William Corbin, B. S. '89, graduates. Died May 15, 1917. Son of James H. H. Corbin, '69, died 1892. "Bill" was first son of an alumnus to graduate at Lehigh.

Ralph Dravo. He and his brother from the class of '87 organized the Dravo Corporation, a contracting business. Soon after Ralph's graduation they started out building dams and locks on the Monongahela and Ohio rivers. Later, in addition to general contracting business, the Corporation at the Neville Island plant built tow boats and barges and crafts for War II.

Ralph never got over his brother Frank's tragic death in a railroad accident and died soon afterwards.

Justice C., Billy Cornelius get their degrees. Billy sent three of his four sons to Lehigh, George E. W., '24, Robert C., '29, and John deB., '35, and "Billy's" daughter married A. W. Gee, Lehigh '28.

Edmund Morris Hyde, Ph. D., becomes Professor of Latin Language and Literature.

H. H. Stoek, '87, Honorary degree 1922, comes as Instructor in Mining and Geology. Served till 1893. Died in 1923.

Courses in *Architecture* first appears in Register.

The Classical Club organized for students of Classical and Latin-Scientific Courses.

Natural Science Club organized for those interested in Natural History.

Founder's Day, October 10th. Address by Professor Henry Coppee, LL. D.

Washington's Birthday. Oration by students.

University Sermon, June 16th, 1889, by Rev. Eliphalet Nott Potter, D. D., LL. D., President of Hobart College.

Wilbur Scholarship to Walton Forstall.

Wilbur Prizes to Charles M. Case, Charles O. Woods, John Young Bassel, Jr., Alfred Emory Lister and Robert Jones Snyder.

Alumni Prizes: 1st Howard A. Foering

2nd Robert E. Neumeyer

3rd Edwin J. Prindle

Charles Bull continues as President of the Alumni Association and Henry S. Jacoby as secretary and treasurer.

Academic Year 1890-1891

Rt. Rev. N. S. Rulison, D. D., becomes President of the Board of Trustees.

Augustus P. Smith, '84, becomes Honorary Alumnus Trustee in place of A. A. Herr retired by rotation.

The Rev. Elwood Worcester, A. M., Ph. D., becomes Professor of Mental and Moral Philosophy.

Number of new instructors engaged.

The Rev. Elwood Worcester in addition to his duties as Professor becomes Chaplain of the University.

For the first time list of freshmen shows those entered but with conditions to be passed off after entrance.

Aubrey Weymouth entered as freshman Sept. 1890. Active in University history and New York Lehigh Club. Director of the University. Died July 27, 1939.

Founder's Day, October 9th. Address by George William Curtis, LL. D., of New York.

University Sermon, June 15th, by Rev. George Williamson Smith, D. D., LL. D., President of Trinity College.

Wilbur Scholarship to Alfred Emory Lister.

Wilbur Prizes to H. B. Evans, W. I. Boyd, N. M. Osborne, C. J. O'Neill, R. C. H. Heck, H. J. Atticks and W. P. Marr.

George A. Jenkins becomes President of the Alumni Association. Henry S. Jacoby continues as secretary and treasurer.

Mrs. Henry S. Haines, of Savannah, Ga., establishes a Memorial Scholarship in memory of her husband, value \$200.00 per year. Mrs. Haines to make selection during her life-time of the recipient in the School of Mechanical Engineering.

Academic Year 1891-1892

C. L. Taylor, '76, retired as Alumnus Trustee, but was elected again for term from 1891 to 1895.

George Beggs, Jr. entered as a freshman.

Howard Eckfeldt entered as a freshman. Now Professor Eckfeldt.

Walter Okeson entered as a freshman. Name and work woven into Lehigh's history through all these years and active today (1941) as Vice-President, Secretary and Treasurer. Died 1944.

Robert S. Taylor entered as a freshman. Treasurer of the Alumni Association for these many years; and many others alive today making up the fine class of '95.

Lehigh no longer *Free*. Tuition of \$100.00 per year starts.

Lehigh University Christian Association started, united with the Intercollegiate Y. M. C. A.

Bible Class started. Meeting Sunday afternoon under the direction of the Chaplain.

Founder's Day, October 8, 1891. Address by Hon. Charles E. Fitch, of Rochester, N. Y.

University Sermon, June 14, 1891, Rev. E. Winchester Donald, Church of the Ascension, New York City.

F. A. Merrick, our Alumnus Trustee, now President, (1941) Westinghouse Electric and Mfg. Company. Started in early in his chosen profession, writing as his thesis "Design for an Electric-Light Plant for Lambertville, N. J." You will have to ask him if it was ever built.

University Day, June 17, 1891. Orations by students and degrees conferred.

Walton Forstall valedictory address.

Wilbur Scholarship to Henry Brown Evans. Honorable mention Robert C. H. Heck.

Wilbur prizes to M. H. Holz, T. F. Carroll, William McC. Hall, B. H. Jones, Aubrey Weymouth, Walter C. Swartz, and William C. Anderson.

Robert P. Linderman President of Alumni Association. Harry H. Stoek becomes secretary and treasurer.

Academic Year 1892-1893

Only three Honorary Alumni Trustees. Henry S. Drinker, '71, term expires in 1893, A. P. Smith, '84, term expires in 1894, and C. L. Taylor, '76, term expires in 1895.

Many new instructors added to faculty.

Samuel E. Berger, '89, H. A. Foering, '90, and C. A. P. Turner, '90, get their Master's degrees.

Moriz Bernstein entered as a freshman. Secretary of Philadelphia Lehigh Club for 40 years. Died 1944.

William C. Dickerman entered as a freshman. Received Dr.'s degree and made trustee of University. President of American Locomotive Company.

Robert E. Laramy entered as a freshman. Asst. Director of Admissions. Active in teaching all his life. Bethlehem School Director

New Physical Laboratory being erected.

Summer School of Surveying started.

University Sermon preached June 12, 1892, by Rev. Otis A. Glazebrook, D. D., of Elizabeth, N. J.

Alumni Prizes: 1st to Schuyler Brush Knox.

2nd to Joseph Clinton Ballou

3rd to Edwin Clark Reynolds

Washington Hopkins Baer elected President of the Alumni Association.

Wilbur Scholarship to Julius L. Neufeld.

Wilbur Prizes to Harry Wilber Beach, Walter Ferris, John E. Shero, William Reinecke, John E. Stocker, Charles H. Vansant, and Warren B. Keim.

Academic Year 1893-1894

President Robert Lamberton died September 1, 1893. Professor Henry Copee, LL. D., Acting President of the University.

Henry S. Drinker elected to Board of Trustees in place of H. Stanley Goodwin who died Christmas Day, 1892.

John Ruddle, '83, term expires in '96, and W. H. Baker, '73, term expires in '97, were both elected as Honorary Alumni Trustees. Drinker becoming a corporate trustee.

Professor Joseph Barrell, '92, comes as Instructor in Mining and Metallurgy. Died May 4, 1919.

Michael Schal of York no longer Honorary Trustee.

C. W. Smith takes Seeley's place as Assistant Director of Gymnasium. (No director).

Frank B. Bell enters as a freshman. Active in Lehigh affairs. Alumni Trustee and later University Trustee. President, Edgewater Steel Co.

Alumni prizes: 1st to William Conklin Anderson

2nd to Ruel C. Warriner

3rd to Robert Ferriday

E. H. Williams, Jr. elected President of the Alumni Association.

Valedictorian Robert C. H. Heck.

Wilbur Scholarship to Warren B. Keim.

Wilbur prizes to W. J. Bieber, M. J. Bucher, E. C. Thurston, S. M. Dessauer, W. S. Ayars, J. W. Thurston, D. W. Wilson and James G. Beach.

Academic Year 1894-1895

George W. Childs, Philadelphia, resigns as Honorary Trustee.

Thomas M. Eynon, '81, elected as Honorary Alumnus Trustee.

Committee on College Administration started. Eckley B. Cox, chairman, with Henry S. Drinker and W. H. Sayre as members.

The Rev. Taliaferro F. Caskey, A. B., becomes Professor of Mental and Moral Philosophy and Chaplain in place of Rev. Elwood Worcester, A. M., Ph. D., absent for a year by permission.

Harry M. Ullmann, A. B., Ph. D., comes from Johns Hopkins to become Instructor in Quantitative Analysis. Now Professor Emeritus of Chemistry and Chemical Engineering. Retired but given room and equipment to continue his experiments.

William Gummere entered as a freshman.

George Craig Leidy entered as a freshman.

Benjamin DeWitt Riegel entered as a freshman.

Henry Harger Scovil "Hank" entered as a freshman. Active in raising the money for Memorial Building.

Architectural Club formed.

Founder's Day, October 12, 1894. Address by La Rue Munson, Esq., of Williamsport, Penna.

University Sermon by Rt. Rev. Hugh Miller Thompson, S. T. D., LL. D., Bishop of Mississippi, June 17, 1894.

James L. Burley gets his C. E. Degree.

Alumni Prizes: 1st to William Warr.

2nd to Arthur S. Clift

3rd to F. A. McKenzie

Wilbur Scholarship to Warren J. Bieber.

Wilbur prizes to A. E. Yohn, G. C. White, W. E. Brown, C. P. Nachod, T. H. Bissell, R. C. Noerr, E. R. Hannum and O. G. MacKnight.

Alumni Association for the first time listed not by classes but alphabetically in the Register.

Frank P. Howe elected President of the Alumni Association.

Alumni Scholarship prize established, value of \$250.00:

- (1) Awarded only to a student in need of it.
- (2) To be offered second year. First year student must go through on his own and must enter second year free from all conditions.
- (3) Not to be continued to a student who shall at any time during his course carry any condition over eight weeks after date of examination in which he failed.

Fund to be in the hands of the President of the University.

On January 16th, 1894, first copy of the Brown and White appeared on the campus, 11" x 15" in size. Under heading "Greetings" it says, "In response to a general feeling that has existed for some time that Lehigh could support and really should have a publication appearing at least twice a week, if not daily, *The Brown and White* in its initial number now greets you," and 40 years after, January 16th, 1934, the Brown and White came out with a twenty-four page copy, reproducing the front page of the 1894 issue which at that time was set up by hand in a little print shop in Bethlehem. The Board consisted of R. E. Laramey, J. W. Thurston, C. F. Muarice, A. B. Jessup, W. S. Ayars, M. W. Pool, J. L. Burley, W. S. Merrill, W. Warr, F. A. McKenzie, A. L. Ware, E. A. Grissinger, Business Manager, W. C. Anderson, Editor, and T. P. Elmore.

Academic Year 1895-1896

Two vacancies on Board of Trustees. - Rt. Rev. M. A. DeWolfe Howe, D. D., LL. D., died July 2st, 1895, and Eckley B. Coxe, died May 13th, 1895. Robert P. Linderman elected member of Board of Trustees.

The Hon. Robert Klotz of Mauch Chunk resigned as Honorary Trustee.

Charles L. Taylor retired by rotation as Honorary Alumnus Trustee and Henry R. Price, '70, is elected. Term to expire in 1899.

Thomas Messinger Drown, LL. D., becomes President of the University.

Charles L. Thornburg, C. E., Ph. D., comes from Vanderbilt University to become Professor of Mathematics and Astronomy. Now Professor Emeritus of Mathematics and Astronomy. Died 1946.

Story on *Eckley B. Coxe*. Dean Palmer gives us this as a true story.

Recently he dropped in on his old friend in Boston where he purchased books while a student at Harvard. His friend said, "Where are you now?" To which the Dean replied, "At Lehigh University in Bethlehem." "That's near the coal region. Did you know a man Eckley B. Coxe?" To which the Dean replied, "Yes, he was a trustee at Lehigh. You know he willed a wonderful collection of books to Lehigh." "Yes, I know, and I'll tell you a story," said the book seller. "Just as I was closing up one night, years ago, a man dropped in and said 'You do not know me. I am Eckley B. Coxe. Have been spending the summer in Maine and on my way home have run short of money. Banks are closed. No one knows me here. Could you loan me fifty dollars and I'll return it when I get home.' He looked honest and I gave him five ten dollar bills and got from him his address and a signed I. O.U. After he had gone I said to myself, you're a fool, you'll never see that fifty again, but in a few days back came a check for the amount and a small order for some books. Palmer, do you know how many books I sold Eckley B. Coxe before he died. *Over one hundred thousand dollars worth*, so I have always thought that fifty dollars was a pretty good investment after all."

Alexander MacFarlane, M. A., D. Sc., LL. D., becomes Lecturer in Electrical Engineering.

Professor John Hutcheson Ogburn comes from Vanderbilt University as Instructor in Mathematics and Astronomy. Now Professor Emeritus of Mathematics and Astronomy.

The Mathematical Club started for Juniors and Seniors for the study of higher mathematics.

University Sermon, June 16, 1895, by Rt. Rev. C. K. Nelson, D. D., Bishop of Georgia.

Robert S. Taylor graduates. Thesis "History of the Trial by Jury." Still active in 1944 as Treasurer of the University and Acting Secretary in Okeson's place.

Morris Llewellyn Cooke graduates. Far afield now from his thesis "Modern Practice in the Use of Single and Multiple Screw Propellers."

Howard Eckfeldt graduates. Thesis on "Refining of Lead." Had not gotten interested in coal then.

Valedictorian, Walter Ferris.

Wilbur Scholarship to Walter Everette Brown.

Wilbur Prizes to H. S. Zimmerman, Wm. A. Dehm, P. L. Reed, H. J. Horn, William Gratz, L. C. Starkey, H. C. Paddock and H. T. Borhek.

Professor William H. Chandler acted for the President of the University in conferring the degrees as President Drown had not as yet taken office.

Robert Farnham entered as a freshman.

Eugene Gifford Grace and his brother John Wesley Grace entered as freshmen. Eugene Grace, most honored "loyal son of Lehigh". It would take a book to write all he has done for Lehigh. Always a liberal giver; gave money for "Grace Hall". Holds Dr.'s degree from Lehigh, and has been president of the Board of Trustees these many years.

Henry B. Reed, M. D., elected as President of the Alumni Association.

Academic Year 1896-1897

Two vacancies continue on Board of Trustees.

John Ruddle, '83, retired by rotation and W. Arthur Lathrop, '75, elected as Honorary Alumnus Trustee, term expires in 1900.

Natt M. Emery, B. A., becomes Assistant in English.

Professor Barry H. Jones, '95, comes as Instructor in Mechanical Engineering. Died April 3, 1919.

G. S. Smith given title of Instructor in place of Assistant Director of Gymnasium.

Changes in Admission Rules:

Examination in Geography no longer required for admission in any course.

Plane Geometry required for admission to the Classical Course as well as in Engineering, and one year's work in German or French is required before admission in Latin-Scientific Course in Science and Letters, and Technical Courses.

University Sermon, June 15, 1896, by Rev. William B. Bodine, D. D., of Philadelphia.

Professor Howard Eckfeldt got this B. S. degree. Thesis on "A Method of Working Marbles." Perhaps some of the boy marble experts would be interested.

Joseph W. Thurston gets his B. A. degree. Thesis all about his friend "Tiberius."

Robert E. Laramy gets his B. A. degree. In his thesis he tells all about "Municipalities."

Although Walter R. Okeson affiliated with '95 but got his diploma this year. Thesis "A Sanitary Survey of the Lehigh Valley" and has been at the job of "cleaning up" ever since.

William C. Dickerman got his diploma. Thesis "The Modern Freight Car." As President of the American Locomotive Works he is more interested in pulling them now.

University Day, June 17, 1896.

Valedictory Oration, Warren Joshua Bieber.

Wilbur Scholarship to Harold John Horn.

Wilbur Prizes: John Wesley Grace, Jr., Eugene Gifford Grace, G. Fred Allen, A. W. Klein, M. C. Benedict, C. F. Carman, Russell Kimball, George R. Jackson.

Professor Howard Eckfeldt, B. S., gets his E. M. degree.

The Fred Mercur Memorial Scholarship, established by friends of the late Frederick Mercur, sufficient in amount (register says) to insure several scholarships for free tuition in the University.

Morrow Chamberlain entered as a freshman.

Alan Craig Dodson entered as a freshman. Always a "Loyal son of Lehigh". Alumni Trustee and University Trustee. Pres. Dodson Coal Company.

William Paul Starkey entered as a freshman.

Louis O. Emmerich elected President of Alumni Association.

Register went back to listing alumni by classes rather than alphabetically.

Academic Year 1897-1898

Henry R. Price retired by rotation and Frank P. Howe, '78, elected as Honorary Alumnus Trustee term expires in 1901. William Henry Gummere elected as Assistant Treasurer of Board of Trustees.

William S. Franklin, B. S., M. S., Sc. D., comes as Professor of Physics and Electrical Engineering. Died 1936.

Barry Holme Jones, B. S., E. M., becomes Instructor in Mechanical Engineering.

John L. Stewart, A. B., Ph. B., becomes Lecturer on History and Economics. "Baldy" Stewart. Died April 11, 1927.

Winter Lincoln Wilson, '88, becomes Instructor in Civil Engineering. Long service. Made professor Emeritus in 1935. Died.

The Rev. Langdon C. Stewardson, M. A., becomes Chaplain.

The Agora extended to admit all students, not only of General Literature courses; and the "Forum" was organized.

Founder's Day, October 14, 1897. Address by President James M. Taylor, D. D., LL. D., of Vassar College.

University Sermon by the Rev. Thomas B. Angell, D. D., of Harrisburg.

Award of Wilbur Scholarship to Eugene G. Grace. Honorable mention Arthur Warner Klein and John Wesley Grace, Jr.

Wilbur Prizes: Albert W. Bayard, Louis Ortner, John F. Benson, John N. Reese, Joseph W. Burke, John W. Fletcher, Thomas F. Bell, T. W. Lukens.

The Eckley B. Coxe Memorial Funds of \$70,100.00 established by Mrs. Coxe in memory of her husband, under direction of Trustees, the interest of which is to be used to assist students who without such aid would be unable to meet living costs as students at the University. Gifts for endowments up to 1940 are as follows:

LEHIGH UNIVERSITY — GIFTS FOR ENDOWMENT

1866	Asa Packer General Fund	\$2,269,403.70
1866	Asa Packer Library Fund	233,866.42
1897	Eckley B. Coxe Memorial Funds	70,100.00
1900	Frank Williams Loan Fund	205,478.71
1907	Alumni Fund	113,034.30
1908	The E. H. Williams, Jr., Prize Fund	35,000.00
1912	Eckley B. Coxe Mining Laboratory Fund	100,000.00
1913	John Fritz Engineering Laboratory Fund	151,430.53
1922	The Charles L. Taylor Gymnasium Fund	25,000.00
1923	Greater Lehigh Fund	1,950,193.65
	Carnegie Foundation	250,000.00
	Rockefeller Foundation	250,000.00
	Alumni & Friends	1,450,193.65
1925	The Sayre Park Fund	45,818.50
1925	The Joseph T. Stuart Professorship Fund	67,333.34
1926	Henry M. Byllesby Reserach Fund	39,330.55
1927	Chemistry Students Foundation Research Fund	21,000.00
1928	The James Ward Packard Mechanical & Electrical Engineering Laboratory	1,200,000.00
1930	The Clara H. Stewardson Professorship Fund	100,000.00
1932	Albert N. Cleaver Memorial Fund	5,000.00
1935	The E. F. Johnson Funds	269,000.00
1937	The Luther Rees Zollinger Memorial Fund	65,000.00
1937	Scranton Public High Schools Scholarship Fund	50,000.00
1937	The Charles W. Masfarlane Professorship Fund	180,000.00
1937	William C. Gotshall Scholarship Fund	149,357.71
1937	Roy R. Hornor Research Fund	25,000.00
1938	The Lehigh University Brodhead Fund	704,000.00
1940	Katherine Comstock Thorne Fund	25,000.00

Price Prize for English Composition established by Dr. Henry R. Price, '70, of \$25.00 to be awarded in June to member of Sophomore Class who will write best essay on topic in English Literature.

Alumni Prizes: 1st to Lewis C. Starkey
 2nd to B. G. Kodjbanoff
 3rd to David H. Childs

R. P. Linderman elected President of the Alumni Association.
 Cadwallader Evans, Jr., and H. D. Wilson entered as freshmen.

Samuel T. Harleman entered as a freshman. All active members of the June Class of '01.

Thomas Mercer Girdler entered as a freshman. Most active member class of '01. Always back for reunions. Pres. Republic Steel Corp.

Due to Lehigh's money being invested largely with the Lehigh Valley Railroad, in accordance with Packer's wish, and as the Railroad had passed their dividend Lehigh found itself in a bad financial position and through the efforts of Drinker, '71, then trustee, and by the work of Major Webster C. Weiss, a member of the Pennsylvania Legislature of Northampton County, an early friend of Asa Packer's, succeeded in getting Lehigh an appropriation of \$150,000 state aid which with the gifts of a number of the alumni saved Lehigh from closing its doors.

Academic Year 1898-1899

The Rt. Rev. Ethelbert albot, D. D., LL. D., elected member of Board of Trustees. Still one vacancy.

Charles O. Skeer, of Mauch Chunk, retired as Honorary Trustee.

Thomas M. Eynon, '81, retired by rotation but re-elected Honorary Alumnus Trustee. Term expires 1902.

John L. Stewart made Professor of History and Economics.

Founder's Day, October 13, 1898. Address by Professor L. C. Stewardson, Chaplain of the University.

University Sermon, June 12, 1898, by Rt. Rev. Ethelbert Talbot, D. D., LL. D.

The Old Brewery. Some are alive today who remember when "The Old Brewery," just off the campus was in regular operation. It went out of business, but about this time the rumor spread that it was to be put again into operation. Rober H. Sayre, at that time President of the Board of Trustees, thought it a bad influence on the student body to have a brewery in full swing just off the campus and the trustees decided to purchase the property, which they did August 11, 1898. The building was remodeled and turned into a dormitory. For many years known as "Die alte Brauerei," afterward named Price Hall, after Trustee Henry Reese Price, L. U. '70, who died April 17th, 1924.

On University Day.

Valedictorian, Harold J. Horn.

Wilbur Scholarship to Albert W. Bayard, Honorable mention Louis Ortner.

Price Prize: Albert W. Bayard. Honorable mention George W. Barager and Joseph S. Schultz.

Wilbur Prizes to: Thomas Mercer Girdler, Henry J. Moore, John W. Sheaffer, Ernesto Franco, Edwin B. Wilkinson, Lewis A. Freudenberger, John J. Nolan, Newton Wayne Buch.

Alumni Prize: 1st to Henry A. Wilcox

2nd to George L. Robinson

3rd to William L. Meaker

Floyd W. Parsons entered as a freshman was active as Pres. of the Alumni Association and in starting the student grants fund.

William Frank Roberts entered as a freshman.

Alphabetical alumni list appears again in directory by classes but no addresses.

H. F. J. Porter, '78, elected President of the Alumni Association.

Academic Year 1899-1900

Garrett B. Linderman retired by rotation as Honorary Alumnus Trustee but is re-elected. Term expires 1903.

For the first time in Register under "List of Studies" the professor's name is given that teaches the subject.

Arthur E. Meaker and Preston A. Lambert become Assistant Professors of Mathematics, and J. W. Richards Assistant Professor of Metallurgy, Mineralogy and Blowpiping.

Professor Robert W. Blake comes as Professor of Latin. Died January 27, 1921.

Economic Society is formed for upper classmen, meets under the direction of the Professor of Economics.

Founder's Day, October 12, 1899. Address by Robert Ellis Thompson, S. T. D., President of the Boys' Central High School, Philadelphia.

University Sermon June 11, 1899, by Rev. Elwood Worcester, Ph. D., D. D., Rector, St. Stephen's Church, Philadelphia, Pa.

Under "Postponement of Payment" applicant is told that with satisfactory evidence of the impossibility to pay tuition he may enter by signing a note showing he intends to pay should he ever be able.

Natt M. Emery, B. A., and Robert E. Laramy, B. A., get their Master of Arts degree.

E. G. Grace graduates and he with his brother J. W. Grace, Jr., also graduating, write a thesis on "Efficiency Tests of Gravity Cells."

William Gummere graduates and writes a thesis on raising Sugar Beets in Saucon Valley.

University Day. Valedictory Oration by E. G. Grace. Address by Bishop Talbot.

Wilbur Scholarship to E. B. Wilkinson.

Price Prize to E. B. Wilkinson. Honorable mention P. L. Anderson and L. A. Freundberger.

Graduate Prize Thesis established. Giver desired to have his name unknown. Amounting \$350.00 annually. Distributed under quite an elaborate system. Published in full in 1899-1900 register.

Samuel P. Felix entered as a freshman.

Arthur Frick entered as a freshman.

N. H. Heck entered as a freshman.

P. P. Reese entered as a freshman.

William R. Butler, '70, elected President of the Alumni Association.

Academic Year 1900-1901

Hon. Henry Green, Easton, Honorary Trustee, died August 16, 1900.

Joseph Barrell, M. S., E. H., Ph. D., becomes Assistant Professor of Geology.

Howard Eckfeldt, B. S., E. M., becomes Instructor in Mining Engineering.

Tuition increased to \$125.00 per year from \$100.00.

Founder's Day, October 11, 1900. Address by Simon J. McPherson, D. D., Head Master of the Lawrenceville School.

University Sermon, June 17, preached by Rev. Floyd W. Tomkins, D. D., rector of the Church of the Holy Trinity, Philadelphia.

A. C. Dodson gets his Bachelor's degree.

Valedictory address, Louis Ortner.

Wilbur Scholarship to W. F. Roberts.

Price Prize to Robert W. Thoroughgood.

English and Oration Prizes to Foster Hewett, William F. Roberts, Felix Golian and Floyd W. Parsons.

Wilbur Prizes to William H. Myers, B. B. VanSickle, William S. Sutton, J. F. Pelly, C. C. Hewitt, William L. Bruner, H. W. Eisenhart, L. W. Evans, George F. Goodwin and Honorable mention C. F. Carrier.

Frank Williams, '87, who died in 1900 bequeathed to the University the greater part of his estate to found a Fund, the income of which is to be loaned to students. To be available in 1905.

- Herbert J. Hartzog entered as a freshman.
 R. P. Hutchinson entered as a freshman.
 Frank J. McDevitt entered as a freshman.
 E. McC. Mack entered as a freshman.
 Francis P. Sinn entered as a freshman.
 Archibald Johnston elected as President of the Alumni Association.
 W. Arthur Latrop retired by rotation and Rufus K. Polk, '87, is elected Honorary Alumni Trustee, term expires in 1904.

Academic Year 1901-1902

Secretary and Treasurer work of Board of Trustees separated. E. P. Wilbur elected as Secretary and R. Morris Gummere becomes Treasurer and H. S. Kitchel becomes Assistant Professor of Electrical Engineering.

J. W. H. Pollard, B. L., M. D. becomes Director of Gymnasium, and Frederick R. Ashbaugh becomes Secretary to the President.

Tuition in Engineering Departments announced. Increased to \$150.00 per year starting 1903.

Steam Engineering Laboratory building newly erected, in use.

Founder's Day, October 10, 1901. Address by Austin Scott, Ph. D., LL. D., President of Rutgers College. At the exercises presentation of portrait of Robert Alexander Lamberton, President of the University from 1880-1893, was made.

University Sermon preached by Rev. George R. Van de Water, D. D., rector of St. Andrew's Church, New York City, June 16, 1901.

Too many prominent fellows graduated this year for us to attempt to list them all.

Tuck Ching Srong Yen graduated. Thesis "Design of Steel Bell Tower to Replace the Wooden one in Shanghai China."

Timothy Burns graduated. Died

Cadwallader Evans, Tom Girdler, Samuel Harleman, Fred. Roebing, Dal Wilson graduated and many more active alumni.

Valedictorian, Lewis Alfred Freudenberger.

Wilbur Scholarship to Paul T. Krause.

Price Prize to Jacob H. Brillhart.

English Composition Prizes to J. J. Cort, N. H. Heck, Vicente Saucedo, Dyer Smith, H. S. Chamberlain, Jr., C. S. Curtis, H. E. Jordan, and George R. Stull.

Wilbur Prizes to J. J. Grabe, O. J. Haller, H. P. Reno, F. G. Burrows, R. L. Talley, H. G. Bayles, Lester Bernstein, E. L. Feick, T. A. Morgan, William R. Johnston and L. G. McCauley

Alumni Scholarship Fund on recommendation of the President of the University changed from a scholarship to prizes for members of the Junior Class. Condition to be on recommendation of the President of the University and the President of the Alumni Association.

Many well known men entered Lehigh as freshmen this year: "Dr. Billy" Estes, Nevin Funk, Dan Berg, Bill Lesser, etc., etc.

John A. Jardine, '84, elected President of the Alumni Association, and P. A. Lambert, '83, Secretary and Treasurer in place of Stock, '87, who had given fine service for many years.

Frank P. Howe retired by rotation but re-elected as Honorary Alumnus Trustee. Term expires in 1905.

Academic Year 1902-1903

Thomas M. Eynon by rotation retires and is re-elected as Honorary Alumnus Trustee. Term expires 1906.

Howard Eckfeldt, B. S., E. M., becomes Assistant Professor on Mining Engineering.

E. H. Williams, B. A., E. M., A. C., F. G. S. A, Lecturer on Mining and Geology.

Philip M. Palmer, B. A., becomes Instructor in Modern Languages.

Alpha A. Diefenderfer becomes Assistant in Chemistry.

Professor Hall (Daddy Hall) comes as Instructor in Zoology and Biology. Still in active service.

Walter S. Landis, Met. E., becomes Assistant in Mineralogy and Metallurgy.

Charles L. Thornburg becomes Secretary of the Faculty.

Natt M. Emery, Registrar.

Walter W. Davis, B. S., A. B., Ph. D., becomes Director of Gymnasium.

Williams Hall ready for occupancy September 1903. Named for Professor E. H. Williams, Jr.

Founder's Day, October 9, 1902. Address by Hon. James M. Beck, Assistant Attorney General of the United States.

University Sermon, June 15, 1902, preached by Rev. William S. Rainsford, D. D., rector of the St. George's Church, New York City.

Albert G. Rau got his B. S. degree.

Many well known alumni graduate, William F. Roberts, Walter S. Landis, Floyd W. Parsons, A. A. Diefenderfer, etc., etc. A

University Day. Address by A. Parker Smith '84, M. E., LL. B., and Professor E. H. Williams.

Valedictorian, Maximilian S. Hachita.

Wilbur Scholarship to Oliver Jacob Haller.

Price Prize to G. H. Shenberger.

Williams Prizes for Excellence in English Composition to Lester Bernstein, Jacob H. Brillhart, H. M. P. Murphy, R. L. Talley, F. G. Burrows, H. L. Jackson, H. P. Reno and A. J. Weston.

Wilbur Prizes to F. H. Browning, Earley McIlhenny Johnson, John A. Dent, E. V. Phelps, R. G. Kirk, William Homer Hendricks, L. F. Blume and E. L. Rich and A. F. Murray

Prizes for Excellence in Declamation to E. H. Clarke, A. W. Zahner and Dean Corsa.

Honor list (1902) published for the first time in the Register by classes.

Oratorical Contest for Alumni Prizes held on Washington's Birthday, 1902. First prize awarded to H. A. Firpo; second to G. K. Goodwin and the third to G. R. Stull. Judges were Hoyman, '83, H. A. Foering, '90, and Rev. S. U. Mitman of South Bethlehem.

Notice appears in the Register of Prize of the Pennsylvania Society of New York to seniors of Pennsylvania colleges (\$100.00) for essay on subject connected with the history of Pennsylvania.

Entered as freshmen, David H. Brillhart, Stewart J. Cort.

H. A. Porterfield elected as President of the Alumni Association.

Academic Year 1903-1904

Garret B. Linderman by rotation retired but is re-elected Honorary Alumnus Trustee. Term expires 1907

Professor Harding becomes Emeritus Professor of Physics. Had gotten very deaf.

Professors Richards and Esty are made full professors and Lightner Witmer, h. D., is added to faculty as Professor of Psychology.

Number of additional instructors added to faculty.

Large Freshman class. Entered: George Washington LeRoy Travis. Sent two sons to Lehigh. And Fred J. Wilson who also sent two sons to Lehigh.

H. A. Foering elected President of the Alumni Association.

University Day. Addresses by William R. Butler, '70, and Rev. Lyman Abbott

Valedictory Oration, J. J. Cort.

Wilbur Scholarship to Samuel H. Fleming.

Williams Graduate Prize (\$125.00) to George R. Stull.

Williams Gold Medal (\$100.00 value) to H. E. Jordan.

Alumni Prizes: Lester Bernstein (\$25.00)

H. M. P. Murphy (\$25.00)

Price Prize to Christian S. Stouffer.

Williams Prizes: G. P. Enke, R. C. Kautz, E. V. Phelps, E. L. Rich, C. E. Aldinger, F. A. Henry, A. F. Murray, P. R. Thomas.

Wilbur Prizes: E. L. Rich, Paul Cloke, G. S. Mervine, E. McI. Johnson, H. S. Sepit, C. A. Shaffer, S. J. Cort, Christian Stouffer, F. A. Vockrodt, Morris deB. Evans, N. G. Smith, A. W. Zahniser, Dean Corsa, R. A. Harrower, L. G. Meyer, B. M. Johns.

Herb Hartzog, S. S. Seyfert and Jacob Lynford Beaver's names appear on the Junior Honor Roll, and S. J. Cort on Freshman Honor Roll. Professor Beaver does not like to be called Jacob, but that is his name.

Academic Year 1904-1905

President Drown died November 16, 1904, and Henry S. Drinker, Lehigh '71, is elected President of Lehigh University.

John A. Jardine retired by rotation but is re-elected Honorary Alumnus Trustee. Term expires 1907.

Field house built with lockers, showers and a cage for indoor sports. Also all athletic sports put under committee composed of member of faculty, alumni and student body.

Professor Beck comes as Assistant in Chemistry.

Combined academic and engineering course provided. Bachelor degree at end of four years and an engineering degree at end of two more years making a 6 year course.

Founder's Day, October 13, 1904. Address by Professor Joseph F. Johnson, Dean of the School of Commerce, New York University.

University Sermon, June 12, 1904, preached by Rt. Rev. Frederick Burgess, Bishop of Long Island.

Many well known Lehigh men graduated this year, among the number: Hartzog, Dr. Luders, J. H. Brillhart, Clauder. N. H. Heck got a C. E. degree in addition to his B. A. degree in 1903. Ed Mack, Frank McDevitt, Bob Hutchinson, Frank Sinn, Professor Beaver, the late Professor Seyfert, etc., etc.

University Day. Addresses by Robert G. Cooke, '84, and Joseph Wharton, Sc. D., LL. D., of Philadelphia.

Valedictory address: H. M. P. Murphy.

Wilbur Scholarship to S. J. Cort.

Williams Graduate Prize to A. J. Weston.

Williams Gold Medal to R. L. Talley.

Alumni Prizes to: S. H. Fleming and E. McI. Johnson.

Price Prize to R. W. Kinsey.

Williams Prizes to : D. K. Jean, J. H. C. Gregg, K. Mills, A. W. Moore, S. J. Cort, J. H. Farrell, H. R. Stocker, and F. A. Vockrodt.

Wilbur Prizes to: K. Mills, J. H. C. Gregg, W. W. Crawford, M. deB. Evans, N. G. Smith, A. L. Broomall, R. L. Charles, M. J. Greenough, G. K. Herzog, M. T. Saldana, H. F. Anders, R. B. Woodring, C. M. Daniels, and E. C. Parkhurst.

Under *Honors* of 1904, we see Herb Hartzog again as Senior Honor, and also the late Professor S. S. Seyfert. Under Junior, Norman Merriman and "Dr. Billy Estes. Under Sophomore, S. J. Cortt and others.

Bayless brothers James and William enter as freshmen. Paul H. Bishop, line of wrestlers, enters as freshman. George R. Brothers enters as a freshman. A. N. Van Kleck enters as a freshman.

R. G. Cooke elected President of the Alumni Association.

Academic Year 1905-1906

Charles L. Taylor, '76, elected member of the Board of Trustees.

Frank P. Howe is elected Honorary Alumni Trustee.

F. R. Dravo elected President of the Alumni Association.

William A. Lathrop becomes President of Board of Trustees in place of Robert Sayre.

Howard Eckfeldt promoted from Assistant Professor to Professor of Mining Engineering, and Philip M. Palmer promoted to Assistant Professor of Modern Languages and Literatures. Professor Babasian comes as Instructor in Chemistry. S. S. Seyfert, E. E., becomes instructor in Electrical Engineering. Arthur W. Klein, M. E., becomes Instructor in Mechanical Engineering, and Norman N. Merriman, B. A., Assistant in Hygiene.

Committee on Admission appointed. Headed by Professor Thornburg.

Rev. Stewart U. Mitman, Ph. D., becomes Chaplain and T. Edgar Shields, Organist, in place of Professor Wolle.

Course in Electrometallurgy established.

Arts and Science Club formed.

Circulo Ibero-Americano de la Universidad de Lehigh formed for Spanish-American students.

Founder's Day, October 12, 1905. Inauguration of President Drinker. Addresses by Robert H. Sayre, Frank P. Howe, '78, and Hon. H. L. Carson, Attorney General of Pennsylvania.

Ground broken for Drown Hall.

University Sermon, June 11, 1905, by Rt. Rev. James Henry Darlington, Bishop of Harrisburg.

William Henry Larkin, Jr. graduated as M. E. "Dr. Billy" Estes, Norman Merriman, William C. Kline, J. D. Berg, Bill Lesser, Nevin E. Funk and many other prominent Lehigh men got their diplomas.

University Day addresses by H. S. Miner, '89, and Bishop Talbot.

Valedictory address S. H. Fleming.

Wilbur Scholarship to R. L. Charles.

Williams Graduate Prizes to R. L. Talley.

Williams Gold Medal to M. H. Kuryla.

Alumni Prizes to R. J. van Reenen and S. H. Salisbury.

Price Prize to W. G. Cunningham.

Williams Prizes to R. W. Kinsey, W. R. Meyers, E. Schweitzer, R. W. Walters, I. J. Freedman, A. W. Hesse, J. B. Reynolds and G. L. Spratley.

Wilbur rizes to J. B. Reynolds, S. R. Morris, L. E. Ritter, T. A. Snyder, E. H. Finnie, A. A. Goytisoló, and William M. Donaldson.

On the Honor Roll in various classes we see Bill Lesser, Dave Brillhart, S. J. Cort and Raymond W. Walters.

"The Burr Memorial Fund" for assistance of indigent students from surplus income from the sale of the Burr, a college publication started in 1881.

"Frazier and Ringer Memorial Fund" established for medical and surgical care of students, provided by gift of \$13,000.00 from Robert H. Sayre as memorial to Professor Frazier and Dr. Ringer.

Among others receiving graduate degrees are A. A. Diefendefor for M. S. and Walter S. Landis, M. S.

Dean A. C. Callen enters as a freshman. Osbourne brothers, A. S. and R. B., enter as freshmen. L. C. Zollinger entres as a freshman, son of L. R. '88.

Howard Eckfeldt, Archivist, of the Alumni Association.

Academic Year 1906-1907

First Honorary Degree given by the University to R. W. Raymond, LL. D.

Thomas M. Eynon retires by rotation, and Garret B. Linderman, '87, is elected Honorary Alumnus Trustee.

Robert H. Sayre, Trustee, died January 4, 1907, vacancy not filled till 1908.

H. Shindle Wingert, M. D., becomes Director of Physical Education.

Paul B. deSchweinitz, M. E., becomes Professor of Machine Design. Taylor dormitory being built. Gift of Andrew Carnegie who gave the money required, *on condition it be named after "Charley Taylor."* Drown Hall under construction. What is now Armory being built for College Commons, now going back to its own.

Professor S. A. Becker comes as Instructor in Civil Engineering.

Founder's Day, October 11, 1906. Address by Dr. John A. Brash-ear, of Pittsburgh.

University Sermon preached by Rt. Rev. Leighton Coleman, S. T. D., LL. D., Bishop of Delaware.

Walter S. Landis gets his M. S. degree.

Dave Brillhart, E. T. Gott, "Tom" Luders, S. J. Cort graduate.

University Day, June 13, 1906. Addresses by Samuel D. Warriner, '90, B. A., B. S., E. M., and Rossiter W. Raymond, Ph. D.

Wilbur Scholarship to J. H. Clewell.

Williams Graduate Prize to P. R. VanDuyne.

Alumni Prizes to S. R. Morris and L. D. Moore.

Price Prize to Lloyd McEntire.

Williams Prizes to Harvey Bassler, N. G. Cunningham, R. F. Mc-Elfresh, S. G. Stem, William M. Donaldson, E. H. Finnie, R. H. Shimer, William H. Walters.

Wilbur Prizes to Harvey Bassler, A. Guerber, A. A. Goytisoló, H. H. Thompson, J. L. Dynan, J. L. Kuschke, L. C. D. Greenough, and S. R. Schealer.

S. J. Cort again appears on Honor list at graduation.

R. B. Swope enters as a freshman following his brother, '07, to be followed by his son R. L. in the class of '35.

H. H. Stoek elected President of the Alumni Association.

Academic Year 1907-1908

Honorary degrees conferred on A. A. Hamerschlag, Sc. D., and L. B. Stillwell, Lehigh '85, M. S.

Joseph F. Klein is made Dean of Faculty.

Robert E. Wright, of Allentown, retires as Trustee. A. N. Cleaver of (S) Bethlehem and John Fritz made Trustees. Only one Honorary Trustee remaining, Rev. Marcus A. Tolman.

Garrett B. Linderman retires by rotation as Honorary Alumnus Trustee, but is re-elected. Term expires 1911.

Committee on Finance and Investments established in Board of Trustees and Charles L. Taylor is made chairman.

Benjamin LeRoy Miller, Ph. D., comes as Professor of Geology.

Percy Hughes, A. B., A. M., Ph. D., becomes Assistant Professor of Philosophy, Psychology and Education.

Professor Reynolds comes as Instructor in Mathematics and Astronomy.

Engineering Laboratory and Power House much enlarged.

Drown Hall, in memory of the late President Thomas M. Drown, completed and in use, for student body social activities.

Founder's Day, October 10, 1907. Address by Dr. William H. Nichols, of New York City.

University Sermon by Rt. Rev. Cortlandt Whitehead, D. D., S. T. D., Bishop of Pittsburgh, June 9, 1907.

Raymond W. Walters gets his B. A. degree.

Coxey Johnson gets his C. E. degree.

John Carlock gets his degree. George Washington Travis gets his diploma.

University Day, June 12, 1907. Address by Charles L. Taylor, '76.

Valedictory address by William L. DeBaufre.

Wilbur Scholarship to R. P. Heller.

Williams Gold Medal to Raymond Walters.

Williams Senior Premium to T. G. Schnabel.

Williams Graduate Prize to R. B. Woodring.

Alumni Prizes to W. H. Geiger and J. H. Clewell, Jr.

Price Prize to E. C. Smith.

Myrl Jacobs enters as a freshman, from India. Cliff Lincoln enters as a freshman.

H. S. Miner elected President of the Alumni Association.

Academic Year 1908-1909

Honorary degree of M. S. conferred on Horace Field Parshall, Lehigh '87.

J. A. Jardine retires by rotation and F. R. Dravo is elected Honorary Alumnus Trustee. Term expires 1912.

Professor R. W. Hall advances from Assistant to Professor of Biology.

Professor Toohy comes as Assistant in German.

Conference Department started, consisting of Professor Lambert as Chairman.

Founder's Day, October 8, 1908. Address by Richard W. Gilder of New York City.

University Sermon preached by Rev. Walter R. Breed, D. D.

A. A. Diefenderfer gets his M. S. degree.

University Day, June 10, 1908. Address by R. B. Honeyman, '88.

Williams Graduate Prize to R. F. McElfresh.

Valedictorian J. W. Dorsey.

Wilbur Scholarship to R. P. More.

Williams Gold Medal to N. G. Cunningham.

Williams Senior Premium to Thomas King.

Alumni Prize to Willima H. Ellis.

Price Prize to Arthur Wells.

Williams Prizes to C. H. Bechhoefer, R. V. Eder, E. M. Killough, C. H. Rhodes, G. F. R. Bahnson, C. A. Gosztonyi, R. P. More and William J. Robbins.

Wilbur Prizes to J. H. Baughman, R. V. Eder, William J. Robbins, William C. Peterman, Wm. H. Mohr, C. H. Kocher, G. S. Rinehart, C. W. Hasek.

Natt M. Emery is made Assistant to the President and F. R. Ashbaugh, Bursar.

Preston A. Lambert, Jr., enters as a freshman.

L. R. Zollinger, '88, elected as President of the Alumni Association.

Academic Year 1909-1910

Honorary degrees: E. E. Sparks, LL. D. and George W. Wickersham, Lehigh '77, also given LL. D.

William H. Sayre no longer a Trustee. Died 1909. Charles M. Schwab takes his place on Board.

F. P. Howe retires by rotation and A. E. Forstall, '83, is elected Honorary Alumnus Trustee. Term expires 1913.

Flag pole erected on campus, presented by Class of '78. Inscription on base of the flag pole reads: "Given the Students of Lehigh University by the Class of 1878." *Brown and White*, Sub-Freshman Day, 1941, gives quite a history on hauling pole to Bethlehem by mule team and its erection on the campus.

Percy Hughes, A. B., A. M., Ph. D., advanced to Professor of Philosophy and Education.

Professor Gruber comes as Instructor in Electrical Engineering.

Tract of six acres added to Sayre Park as an *Aboretum*. President Drinker much interested in planting every kind of the important North American trees.

Chinese Club of Lehigh established.

Founder's Day, October 14, 1909. Address by Hon. Joseph Buffington, of Pittsburgh, Judge of the U. S. Circuit Court.

University Sermon by Rt. Rev. N. S. Thomas, Bishop of Wyoming.

Professor S. S. Seyfert gets his M. S. degree.

James S. Bayless graduates.

Dean A. C. Callen graduates, Engineer of Mines degree.

University Day, June 8, 1909. Address by Hon. George W. Wickersham, A. M., LL. D., Lehigh '77.

Wilbur Scholarship to P. McL. Ginder.

Williams Gold Medal to Lloyd F. Hess.

Williams Senior Premiums to C. B. Sauber and S. R. Young.

Alumni Prizes to J. C. Archibald, R. E. Brown.

Price Prize to H. J. Williams.

Williams Prizes to P. McL. Ginder, C. W. Hasek, Arthur Wells, R. F. Wood, C. H. Chapin, D. M. Flick, William C. Peterman and P. R. Snyder.

Wilbur Prizes to William C. Peterman, C. W. Hasek, C. H. Chapin, J. W. Milnor, J. F. Herr, A. F. Wotring, H. F. Perry and C. A. Gauss.

Professor A. C. Callen on Senior Honor list

C. L. T. Edwards (named after Charles L. Taylor) enters as a freshman.

E. G. Grace elected President of the Alumni Association.

Academic Year 1910-1911

C. S. Fox advanced from Assistant Professor to Professor of Romance Languages.

Instructor in Quantitative Analysis. Large number of new instructors taken on.

Children of Robert H. Sayre donated in memory of their father the sum of \$100,000.00 for development of mountain side to be known as Sayre Park.

Change in Board of Trustees. E. P. Wilbur, Trustee, died June 14, 1910. David J. Pearsall of Mauch Chunk takes his place.

Thomas M. Eynon retires by rotation but is re-elected as Honorary Alumnus Trustee. Term expires 1914.

Clause in Register under "Tuition and Other Fees" giving full instruction as to amounts and how paid, evidently gotten up by Ashbaugh, the Bursar.

Founder's Day, October 13, 1910. Number of addresses, one by President Drinker, C. M. Schwab, John L. Stewart and D. J. Lowry, President of the senior class.

University Sermon preached by Rev. A. B. Kinsolving, Rector of St. Paul's Church, Baltimore, Md.

Professor R. P. More gets his B. A. degree, and becomes Assistant in German.

Caleb Kenney graduates.

William B. Davies graduates.

A. S. Osbourne graduates.

R. B. Swope graduates.

University Day, June 14, 1910. Address by Henry R. Price, C. E., M. D., Lehigh 1870.

Wilbur Scholarship to John F. Herr.

Williams Gold Medal to William J. Robbins.

J. B. Carson Prize (given for first time for the best thesis in Civil Engineering to J. H. Baughman.

Alumni Prizes to P. McL. Ginder and C. H. Chapin.

Price Prize to S. D. Williams.

Williams Prizes to C. A. Gauss, A. V. Laub, G. J. Shurts, H. J. Williams, R. W. Catanach, V. B. Edwards, B. M. Thompson and A. F. Wotring.

Wilbur Prizes to J. W. Milnor, C. A. Gauss, J. H. Williams, G. D. Herr, A. B. Gorman, J. F. Beers, A. S. Horcasitas, and J. H. Sheppard.

On Honor list we see Prof. R. P. More.

W. A. Schrepel enters as a freshman.

Morton Sultzter enters as a freshman.

Teachers' Courses established for teachers in local high schools. Not matriculated students. About eighteen taking course. Examinations at end of course and certificates issued.

R. E. Laramy elected President of the Alumni Association.

Fritz Engineering Laboratory. Gift of John Fritz known as "Father of the Steel Industry in the United States" and a member of the Board of Trustees of the University, dating from time of founding. Planned and built under direction of Mr. Fritz.

Academic Year 1911-1912

Garret B. Linderman, '87, retires by rotation and H. S. Miner, '88, is elected Alumnus Trustee. Term expires 1915.

Beloved "Bosey" (H. A.) Reiter, M. A., arrives as Professor of Physical Education, and "Billy" Sheridan as Wrestling Coach. Raymond W. Walters, '07, becomes Instructor in English.

Founder's Day, October 7, 1911. Address by James McCrea, Esq., of Philadelphia.

University Sermon by Rt. Rev. Charles D. Williams, D. D., LL. D., Bishop of Michigan.

Honor System established by unanimous action of student-body.

Dean A. C. Callen gets his Master of Science degree.

Cliff Lincoln gets his diploma. Father of "Student Grants" plan.

University Day, June 13, 1911. Address by James E. Talmage, A. C. '91.

Wilbur Scholarship to Chimin Chu-Fuh of China.

Williams Graduate Prize to C. H. Rhodes.

J. B. Carson Prize to O. H. Schroedl.

Alumni Prizes to P. A. Lambert, Jr., and E. E. Yake.

Price Prize to Brice Bowman.

Williams Prizes to E. A. Aurand, R. N. Kocher, T. J. Quinn, H. S. Rowland, T. L. Dunn, W. C. Fry, Jr., B. S. Shafer S. D. Williams.

Wilbur Prizes to J. L. Conner, J. H. Shephard, J. P. Stokes, G. P. Nachman, Lewis Thornburg, W. C. Owen, George Forster, and William F. Bailey.

A. V. Bodine enters as a freshman. President Alumni Association and Alumni Trustee.

V. J. Pazzetti Jr, enters as a freshman. Leading football player and active in Lehigh affairs. Supt. Saucon Division, Beth. Steel Co.

Last of graduates of the class of 1869, C. E. Ronaldson, dies.

Samuel D. Warriner, '90, elected as President of the Alumni Association.

Last time Alumni list is bound with Register. December 1912 a separate directory was issued by the Alumni Association, financed by the University entitled "Alumni and Students" of Lehigh University.

Academic Year 1912-1913

Honorary degrees, C. L. Doolittle, C. E., Sc. D., Doctor of Law; James E. Talmage A. C. '91, Ph. D., Doctor of Science, and James Gayley M. E., Doctor of Science.

William A. Lathrop Trustee, died April 12, 1912.

Henry R Price becomes President of the Board of Trustees and Samuel D. Warriner to take Lathrop's place on the Board.

Professor Butterfield comes as Instructor in Mechanical Engineering. Professor Fuller comes as Instructor in Civil Engineering.

F. R. Dravo retires by rotation and E. G. Grace is elected as Honorary Alumnus Trustee. Term expires 1916.

Dr. Stanley J. Thomas, B. S. comes as Assistant in Biology.

Harry M. Ullman advanced to Professor of Quantitative and Industrial Analysis.

Fred V. Larkin, B. S., comes as Instructor in Mechanical Engineering and Morton Sultzter as Instructor in Electrical Engineering.

List of Administrative Officers increases:

Raymond W. Walters, Registrar.

J. C. Cramer, Supt. of Buildings and Grounds.

John D. Hartigan, Master Mechanic.

George D. Matthews, Steward of the College Commons, and good old Jim Myers gets the title of Supervising Janitor.

Charles L. Taylor, Class of '76, announced February 21, 1913, that he proposed to donate to the University the funds required to build a new Gymnasium to be designed by Henry Hornbostel, of New York, assisted by A. W. Leh, of Bethlehem.

New system of compulsory exercises with scholastic credits is put into effect in 1912.

First publication of Alumni Bulletin (comes out as a quarterly).

Founder's Day, October 5, 1912. Address by Prof. Robert W. Blake.

University Sermon by Rt. Rev. Ethelbert Talbot, D. D., LL. D., Bishop of Bethlehem.

University Day. Address by William D. B. Ainey, '87.

Preston A. Lambert, Jr., graduates, one of the earliest sons of an alumnus to graduate.

Wilbur Scholarship to G. P. Nachman.

Williams Gold Medal to H. J. Williams.

John B. Carson Prize to S. C. Peters, Jr. and I. A. St. John.

Alumni Prize to J. L. Conner.

Price Prize to R. A. Rank.

Williams Prizes to J. W. Donaldson, George Forster, R. M. Neff, W. C. Owen, R. A. Gift, G. P. Nachman, C. L. Packard and R. H. Woelfel.

Wilbur Prizes to Lewis Thornburg, W. C. Owen, J. S. Long, R. N. Boyd, O. W. Eshbach, D. E. Roberts, J. DeGroot, E. P. Humphrey.

Paul Ganey enters as a freshman.

A. Austin Tate enters as a freshman.

Academic Year 1913-1914

E. G. Grace, '99, becomes a corporate member of the Board of Trustees in place of John Fritz, who died February 13, 1913.

Honorary degrees given Mansfield Merriman, degree of LL. D., Paul Mayo Paine, class of '91, degree of M. A., and Edward Higginson Williams, Jr., degree of LL. D.

A. E. Forstall, '83, retires by rotation, but is re-elected Honorary Alumnus Trustee, term expires 1917, and Franklin Baker, Jr., '95, takes E. G. Gace's place, term expires 1916.

Fred V. Larkin advanced from Instructor to Assistant Professor Mechanical Engineering.

Rev. M. H. Birkhead, who had taken Rev. S. U. Mitman's place as Chaplain, resigned, and Rev. Brayton Byron, B. D., takes his place as Chaplain of the University.

Stadium erected in Taylor field. Money partly donated by Lehigh Clubs.

Founder's Day. Addresses by President Drinker, H. R. Price, '70, S. D. Warriner, '90, G. P. Flick, '14, and Charles William Macfarlane, '76, Ph. D.

University Sermon, June 8, 1913, by Rt. Rev. J. H. Darlington, Ph. D., D. D., LL. D., Bishop of Harrisburg.

Raymond W. Walters gets his Master of Arts degree.

University Day. Address by W. McI. Scudder, '73.

Wilbur Scholarship to Jarvis DeGrott.

Williams Graduate Prize to C. William Hasek.

Williams Gold Medal to David Davies.

Williams Senior Premium to R. N. Kocher.

John B. Carson Prize to J. I. Lyon.

Alumni Prizes to R. H. Woelfel and Wilfred C. Owen.

Price Prize to J. A. Meredith.

Williams Prizes to Jarvis DeGrott, Cameron Hoffman, T. J. Priestley, William A. Stickel, D. R. Cahill, E. C. Higgins, C. R. Uhl and S. A. Wuchter.

American Forestry Association Prizes of \$10.00. First year given, recipients C. B. Rafter and Edmund Quincy.

Wilbur Prizes to T. J. Priestley, O. W. Eshbach, Cameron Hoffman, Kenneth A. Lambert, A. F. Hess, J. A. Meredith, E. J. Clark and D. T. Wynne

Academic Year 1914-1915

Honorary degrees given to Cyprien Odilon Mailloux, Sc. D., Charles M. Schwab, Eng. D., and Lewis Buckley Stillwell, '85, Sc. D.

Thomas M Eynon retires by rotation and S. B. Knox, '93, takes his place as Honorary Alumnus Trustee.

S. S. Seyfert advanced from Assistant Professor to Associate Professor of Electrical Engineering, and R. J. Fogg to Associate Professor of Civil Engineering.

James S. Long, Ch. E., (Shorty Long) comes as Assistant in Chemistry.

Change in requirements for admission to Engineering Courses. Beginning September 1915. Advanced Algebra no longer required but taken up in Freshman year.

Coppee Hall, formerly the Gymnasium, completely remodeled and given over to the Department of Arts and Science.

Founder's Day October 5 1914. Address by Rev. Paul deSchweinitz, D. D., Bishop of Moravian Church.

University Sermon, June 7, 1914, preached by Rev. J. Howard Melish, Rector of Holy Trinity Church, Brooklyn, N. Y.

T. H. Mueller, A. B., B. D., (Moravian College) gets his Master of Arts degree.

William F. McConnor, son now at Lehigh, (1941) gets his diploma.

"Shorty" Long gets his diploma as a Chemical Engineer.

University Day, June 9, 1914. Address by Archibald Johnston, M. E., '89.

Wilbur Scholarship to A. F. Hess.

J. B. Carson Prize to C. E. Loos and R. H. Woelfel jointly.

Alumni Prize to K H. Read.

Price Prize to F. M. Porter.

Williams Prizes to E. J. Clark, J. K. Lees, J. A. Meredith, R. C. Uhl, W. A. Cannon, A. C. Eberhard, M. W. Kresge and J. A. Wyler.

Wilbur Prizes to C. E. Paules, J. A. Meredith, R. W. Wieseman, D. R. Brobst, G. M. Levy, G. C. Howard, Edward Lewis, L. B. Ryon, Jr., and John Paul.

A. E. Buchanan, Jr. ("Bucky") enters as a freshman.

"Jack" Latimer enters as a freshman.

"Bob" Linderman enters as a freshman.

William D. Maginnes enters as a freshman.

Academic Year 1915-1916

H. S. Miner, '88 retires by rotation and F. R. Dravo, '87, is elected Honorary Alumnus Trustee.

John Henry McCracken given Honorary degree, LL. D.

H. S. Kitchel, Assistant Secretary and Treasurer of Board of Trustees, died October 12, 1915.

Founder's Day, October 2, 1915. Address by Hon. Frank M. Trexler, Judge of the Superior Court of Pennsylvania.

University Sermon, June 6, 1915, by Rev. Floyd W. Tomkins, Rector of Holy Trinity Church, Philadelphia.

Stanley J. Thomas, B. S., gets his Master of Arts degree.

"Shorty" Long get his Master of Science degree.

A. V. Bodine gets his diploma. Two sons at Lehigh and another coming. (1941).

University Day, June 8, 1915. Address by E. H. Williams, A. B., B. S., '75, E. M., '76, Sc. D., LL. D. '13.

Wilbur Scholarship to D. R. Brobst. Honorary mention G. M. Levy.

J. B. Carson Prize to I. W. Pugh

Alumni Prizes to C. E. Paules and J. A. Wyler.

Price Prize to William G. Barthold.

Williams Prizes to D. R. Brobst, J. E. Frobisher, Jr., M. B. Messinger, G. D. Henderson, G. C. Howard

Wilbur Prizes to G. M. Levy, M. B. Messinger, J. E. Frobisher, Jr., W. R. Penman, J. P. Clymer, F. B. Speakman, C. F. Ruff, H. N. Roest, and J. J. Early.

George R. ("Buckey") Macdonald enters as a freshman. President Lehigh Club of New York for number of years.

Rembrandt Peale, Jr., J. J. ("Pop") Shipherd and Ed. Stotz, Jr. enter as freshmen.

Academic Year 1916-1917

Old brewery becomes Price Hall. Fixed up for dormitory for thirty-four students and named for Dr. H. R. Price, '70, President of the Board of Trustees.

Franklin Baker, Jr., retires by rotation and Robert S. Perry, '88, is elected Honorary Alumnus Trustee. Term expires 1920.

C. H. Boehm becomes Assistant Secretary and Treasurer of Board of Trustees in place of H. S. Kitchel who died October 12, 1915.

Professor Butts comes as Assistant in Metallurgy.

Professor Payrow comes as Instructor in Civil Engineering.

"Dr. Billy" Estes takes job of assisting his father as physician and surgeon of Department of Athletics.

Rev. Samuel N. Kent, B. D., of Leonard Hall, becomes Chaplain.

Phi Beta Kappa and Tau Beta Pi become listed in the Register.

Founder's Day, October 7, 1916. Address by Dr. Talcott Williams, Director of the School of Journalism of Columbia University.

University Sermon, June 4, 1916, by Rt. Rev. Charles P. Anderson, Bishop of Chicago.

Paul Ganey gets his diploma.

Lehigh 50 years old. Exercises, June 6, at Flag Pole.

University Day, June 6, 1916. Addresses by President Drinker, C. M. Schwab, etc.

Wilbur Scholarship to W. R. Penman. Honorary mention J. P. Clymer.

J. B. Carson Prize to A. C. Eberhard.

Alumni Prizes not awarded.

Price Prize to P. W. Memmert.

Williams Prizes to William G. Barthold, K. L. Ritter, V. B. Staats, and P. E. Werner.

Wilbur Prizes to J. P. Clymer, William G. Barthold, C. E. Blasius, Hsiung Tsai of China, H. D. W. Smith, R. F. Johnson, H. D. Ginder, and David Dorkin.

Following Honorary degrees conferred:

Mark Anthony DeWolfe Howe, B. A. '86, Doctor of Letters.

Joseph Barrell, B. S. '92, M. S. '97, Doctor of Science.

William D. B. Ainey, '87, Henry R. Price, C. E. '70, M. D., and Fayette Avery McKenzie, Doctors of Law.

James Cullen Ganey enters as a freshman—now Federal Judge.

Mercer B. Tate, Jr. enters as a freshman.

Academic Year 1917-1918

Honorary Trustee list no longer carried. Rev. M. A. Tolman being the last on such a list.

E. G. Grace is added to Committe on Finance and Investments.

A. E. Forstall, '83, retires by rotation and Franklin Baker, Jr., '95, is elected Tonorary Alumnus Trustee. Term expires in 1921.

Much loved and honored Professor Joseph F. Klein died February 11, 1918.

Professor A. A. Diefenderfer, A. C., M. S., advanced from Assistant to Associate Professor of Assaying and Quantitative Analysis.

Long list of Instructors advanced to Assistant Professors. Prof. Fry, Prof. Walters, Prof. Bartlett, Prof. Fuller, Prof. Toohy, Prof. Bowen, Prof. Long and Prof. Beaver.

In the war, and we see "Absent on leave in National Service:" Prof. Butterfield, Prof. Schealer, Prof. More, Prof. Fraim, Prof. Tunstall, Prof. Eshbach, Prof. Rex, Prof. Bender, Prof. Frear, Prof. Hartzell, Prof. Humphrey, etc.

Founder's Day, October 6. Address by William R. Butler, M. E. '70, Mauch Chunk.

University Sermon, June 9, 1917, by Rt. Rev. Charles Fiske, D. D., Bishop Co-adjutor of Central New York.

University Day, June 9, 1917. Presentation of American flag donated by Mr. and Mrs. J. H. Wilhelm in memory of their son Captain William Henry Wilhelm, Lehigh '87, killed in the Philippine War, June 1901. Address by Wallace Carl Riddick, '90, LL. D., '17.

Wilbur Scholarship to Hsiung Tsai of China.

J. B. Carson Prize, not awarded.

Alumni Prizes to David C. McGalliard and J. J. Early.

Price Prize to R. S. Cope.

Wilbur Prizes to R. F. Johnson, J. D. Sourber, H. S. Hiller, Mercer B. Tate, Jr., R. J. Ott, H. G. Sommers, W. R. Heck, J. H. Spalding, and H. S. Bunn.

On Freshman Honor Roll Mercer B. Tate, Jr.

Morton Sultzer, E. E., gets his M. S. degree.

A. A. Tate gets his B. S. degree.

Philip Drinker, B S. of Princeton, gets his Lehigh Chemical Engineering degree.

Honorary degrees of Master of Science given to Taylor Allderdice, '83, and Homer David Williams, '87. Doctor of Laws to Wallace Carl Riddick, C. E., '90.

Alumni Association incorporated in 1917.

Academic Year 1918-1919

S. B. Knox retires by rotation and Henry H. ("Hank") Scovil, 1900, is elected Honorary Alumnus Trustee. Term expires 1922.

Prof. Anderson comes as Instructor in Chemistry.

Prof. T. E. Butterfield, M. E., C. E., advanced from Assistant to Associate Professor of Mechanical Engineering.

More professors "On leave in National Service", Prof. Krumpelmann, and Dr. Billy Estes, etc.

Founder's Day. Because of the influenza quarantine, these exercises were omitted in 1918.

Rev. Arthur Murray, B. A., becomes Chaplain.

University Sermon, April 14, 1918, preached by Rt. Rev. T. F. Gailor, D. D., Bishop of Tennessee.

University Day, April 13, 1918 change of date due to war conditions. Address by A. E. Meaker C. E. '75 M. S., '18.

A. E. ("Bucky") Buchanan, Jr. gets his diploma.

Honorary degree of Master of Science given to Arthur E. Meaker, C. E. '75.

Wilbur Scholarship to W. R. Heck.

J. B. Carson Prize not awarded

Alumni Prizes not awarded.

Price Prize to A. J. Barthold. Honorable mention R. D. Billinger.

Wilbur Prizes to J. H. Spalding, F. G. Macarow, R. J. Ott, C. R. Berner, S. L. Flom, R. D. Billinger, C. R. Wolfe and J. H. Alden.

Lehigh campus looks more like an army camp than a University. "Vocational Courses for Soldiers" started. Regular army officers assigned to the University. The University was charged with providing instruction, board and lodging of the soldiers. Baseball cage remodeled to serve as barracks, athletic field as drill grounds and the Commons as mess hall. Part of the Gymnasium was used for housing soldiers. Instruction was given to 1151 soldiers, and certificates of satisfactory completion of courses were issued under the seal of the University.

Students' Army Training Corps established October 1, 1918.

The duPont Scholarship given June, 1918, by the E. I. duPont Nemours and Company \$350.00 to a senior or graduate student. Awarded to Howard D. Ginder, class of 1919.

"The Joseph Mann Prickett Scholarship" to cover tuition fees and books, established in April, 1919, by Mr. and Mrs. C. H. Prickett, in memory of their son of the class of 1917, who died March 10, 1916. Prefer it to go to boy from Burlington, N. J., High School, where Joseph attended.

Walter R. Okeson, '95, becomes Secretary of the Alumni Association and establishes office in Drown Hall.

Large list of vocational students taking battery mechanics, carpentry, locomotive firing, road construction, railroad track work and telegraphy.

Academic Year 1919-1920

R. M. Dravo retires by rotation and Homer D. Williams, '87, is elected Honorary Alumnus Trustee.

Fred V. Larkin, B. S., M. E., becomes Professor of Mechanical Engineering.

Morris E. Kanaly comes as Assistant in Physical Education.

Founder's Day, October 4, 1919. Address by Dr. Natt M. Emery, Vice-President of the University.

University Sermon, June 29, 1919, by Rt. Rev. Ethelbert Talbot, D. D., LL. D., Bishop of Bethlehem, Pa.

University Day, June 28, 1919. Address by Walter R. Okeson, '95.

Wilbur Scholarship to S. K. Chou of China.

J. B. Carson Prize to R. F. Johnson.

Alumni Prizes to W. R. Heck and Joseph Herman.

Wilbur Prizes to S. L. Flom, C. R. Berner, H. G. Larson, E. L. Reynolds G. F. A. Stutz, E. P. Gangewere, R. L. Lerch and J. W. Horine.

Alumni Bulletin made monthly issue.

The George D. Callender Fellowship. A gift of \$1500.00 for college year 1919-1920 by an anonymous friend of the late George D. Callender who died in Chicago in 1914. Mr. Callender was born in Scotland and graduated from Glasgow University.

Charles D. Marshall, '88, elected President of the Alumni Association.

List of Lehigh Clubs for the first time appears in Register. Twenty in all. One in China and one in Cuba.

Honorary degree of Doctor of Engineering conferred on Charles L. Taylor, '76.

Academic Year 1920-1921

President Drinker resigned December 31, 1920, and Dr. Emery, Vice-President, becomes in executive charge of the University.

Dr. Drinker is made Honorary Trustee.

Professor Robert W. Blake, M. A., Professor of Latin Languages and Literature, died January 27, 1921.

Robert S. Perry, '88, retires by rotation and William C. Dickerman, '96, is elected Honorary Alumnus Trustee.

Professor W. W. Ewing comes as Assistant Professor of Physical Chemistry.

New committee established "On Endowment" and Dr. Drinker made Chairman.

Number of assistant professors advanced to associate professors.

Professor A. Henry Fretz, Ph. B., C. E., comes as Assistant Professor of Geology, George B. Curtis, B. A., B. S., Assistant Professor of Economics, Capt. Inf., U. S. A., C. A. Shamotulski, Assistant Professor of Military Science and Tactics.

Rev. Arthur Murray, B. A., resigns as Chaplain, Feb. 1, 1921, becomes Rector of the Episcopal Church, North Adams, Mass.

Founder's Day, October 2, 1920. Address by Rt. Rev. James De Wolf Perry, Bishop of Rhode Island.

University Sermon by Rt. Rev. Wilson R. Stearly, D. D., Bishop Co-adjutor of Newark, June 13, 1920.

University Day, June 15, 1920. Address by Raymond Walters, B. A., L. U. '07 and M. A., '13.

Wilbur Scholarship to E. P. Gangewere.

J. B. Carson Prize to C. F. Ruff and J. J. Mieldazis jointly.

Only one Alumni Prize given. Went to E. W. Bowden.

Wilbur Prizes to E. L. Reynolds, G. F. A. Stutz, R. G. Pfahler, H. C. Bieg, C. H. Miller, C. S. Schiffreen, P. H. Hartung and W. D. Muschlitz

Honorary degree of Master of Arts conferred on Warren A Wilbur.

For collegiate year 1920-1921 duPont increased their gift for a fellowship from \$350.00 to \$750.00.

William H. Chandler Prizes in Chemistry established as gift of Mrs. Mary E. Chandler in memory of her husband, Dr. William H. Chandler, who was Professor of Chemistry at Lehigh from 1871 until his death in 1906.

Officers of the Alumni Association:

C. D. Marshall, President

Walter R. Okeson, Secretary

A. C. Dodson, Treasurer

Academic Year 1921-1922

Harry C. Trexler takes D. J. Pearsall's place on the Board of Trustees.

Franklin Baker, Jr. retires by rotation and C. D. Marshall is elected Honorary Alumnus Trustee.

Dr. Emery, Vice-President, continues as executive in charge of the University.

Horace W. Wright, A. B., Ph. D., becomes Acting Professor of Latin Languages and Literature in Professor Blake's place.

Administrative Officers increased: Professor Palmer and Professor Hughes added, and F. R. Ashbaugh becomes Bursar and Purchasing Agent.

Faculty committees listed in the Register for the first time, Admission, Athletics, Discipline, Educational Policy, Extension Courses, Graduate Courses, Honorary Degrees, Petitions, Standing of Students, and Student Activities.

Rev. J. I. Blair Larned, A. B., B. D., becomes Chaplain.

Founder's Day, October 8, 1921. Address by Hon. John W. Weeks, Secretary of War.

University Sermon, June 12, 1921, preached by Rt. Rev. Frank Du Moulin, LL. D., Bishop Coadjutor of Ohio.

University Day, June 14, 1921. Address by Walter S. Landis, L. U. Met. E., '02, M. S. '06.

Wilbur Scholarship to C. S. Schifreen.

J. B. Carson Prize to W. J. Judson and H. G. Larson jointly.

Alumni Prize only one given, went to E. P. Gangewere.

Wilbur Prizes to R. G. Pfahler, R. W. Barrell, Jr., A. P. Roberts, M. E. Bishop, Arthur Wood, W. H. Homeyer, W. M. Schleicher, R. D. Warriner, and W. C. Klein

William H. Chandler Prizes (awarded for the first time) to J. C. Kitchen, J., C. H. Miller, G. F. A. Stutz, Jr., and J. J. Nesterowicz.

Prize of \$50.00 donated by W. S. Murray, E. E., '95, for Electrical Engineering Senior of highest rank to T. C. Henneberger.

No Honorary degrees awarded in 1921.

M. C. (Mike) Schrader appears on Senior Honor list, along with R. Dexter Warriner in Freshman list.

Professor Beaver, L. U., E. E., along with J. M. Burke, L. U. B. S., get their M. S. degree.

Professor Bardford Willard graduates.

Officers of the Alumni Association:

Aubrey Weymouth, '94, President

Walter R. Okeson, Secretary

A. C. Dodson, Treasurer

Second generation of alumni appear in numbers Walton Forstall, '90, sons, "Billy" Cornelius, '89, sons, Bob Taylor, '95, son, S. D. Warriner, '90, son, Grossart, '86, son, Buck, '87, sons, Ralph Lee, '87, son, Morris, '89, son, P. B. Straub, '97, son, A. R. Gee, '93, son, Robert Honeyman, '88, son, Charles Marshall, '88, son, Mercer Tate, '90, son, Professor Eckfeldt, '95, son, Hardcastle, '88, son, Humphrey, '89, son, Prof. Thornburg, Hon. '25, sons, Castleman, '95, son, Laramy, '96, son, Beggs, '95, son, DeMoyer, '90, son, Philips, '95, son, etc.

Ralph Arthur Lambert, grandson of Preston A. Lambert, and son of P. A. Lambert, Jr., enters as a freshman. *Third generation.*

The Eckley B. Coxe Mining Laboratory erected by the University named by the Trustees in memory of one of their members, a pioneer in the Mining Industry.

Academic Year 1922-1923

Professor Sydney MacG. Brown comes as Assistant Professor of History and Political Science. Professor Archie Miller comes as Instructor

in Electrical Engineering.

Charles L. Taylor dies February 3, 1922, and Charles D. Marshall takes his place on the Board of Trustees, and is made Chairman of the Committee on Buildings and Grounds which position he has continued to fill so well for all of these years.

Samuel D. Warriner takes C. L. Taylor's place as Chairman of the Committee on Finance and Investments. Doing a wonderful job for Lehigh all of these years.

Committee on Endowment enlarged: William C. Dickerman takes H. S. Drinker's place as Chairman and Grace, Marshall, Drinker and Weymouth are added to the committee.

Charles Russ Richards, M. M. E., Eng. D., LL. D., is called as President of the University.

Natt Emery becomes Comptroller as well as Vice-President.

Professor Palmer is absent on leave.

Number of new professors and instructors.

Rev. D. Wilmot Gateson, A. B., becomes Chaplain.

Walter R. Okeson, Secretary and Treasurer of Board of Trustees.

E. G. Grace becomes Chairman of the Executive Committee.

Professor Richards died October 12, 1921.

Associate Professors Babasinian and Butterfield advanced to Professors.

Number of Assistant Professors advanced to Associate Professors: S. A. Becker, Howard M. Fry, Fuller, Mease and Baldwin.

President Richards makes a number of changes in Faculty Committee members. Professor Hughes becomes Chairman of "Admission," Professor Babasinian of "Discipline," Professor Miller of "Educational Policy," Professor Schealer of "Extension Courses," Professor More of "Graduate Courses," Professor Palmer of "Honorary Degrees," Professor Thornburg remains chairman of "Petitions" and "Standing of Students," but Professor Schealer becomes chairman of "Student Activities" in place of Professor Eckfeldt.

Founder's Day, October 14, 1922. Charles Russ Richards, Eng. D., LL. D., was formally installed as President of the University.

University Sunday, June 11, 1922. Sermon preached by Rt. Rev. Philip Cook, D. D., Bishop of Delaware.

Floyd W. Parsons, '02, makes the address on University Day, June 13, 1922.

Wilbur Scholarship to Charles F. Hiller.

Alumni Prizes to C. S. Schiffreen and C. H. Miller.

Wilbur Prizes to R. W. Ennis, J. C. Kitchen, Jr., R. A. Lambert,

H. H. Schock, A. S. King, C. H. Porter, H. K. Porter, H. K. Kerr, and P. J. Finegan.

William H. Chandler Prizes to J. B. Austin, J. C. Kitchen, Jr., C. H. Miller, C. F. Goldcamp.

Prize for best thesis in Department of Electrical Engineering to H. H. Marsh, Jr.

Honorary Degrees: Paul Bernard deSchweinitz, M. E., Master of Science, and Henry Sturgis Drinker, E. M., LL. D., Doctor of Laws.

Officers of the Alumni Association:

H. D. Wilson, '01, President

C. W. Hudson, '89, and Wm. A. Webb, '91, Vice-Presidents

A. C. Dodson, '00, Treasurer

W. R. Okeson, '96, Executive Secretary

P. A. Lambert, '83, Archivist

Honorary Alumni Trustees: Homer D. Williams, '87, William C. Dickerman, '96, Taylor Allderdice, '83, and Aubrey Weymouth, '94.

"Johnny" Maxwell enters as a freshman. Many years in charge of Supply Bureau.

Charles K. Zug, Jr. enters as a freshman. Doing fine job on group insurance of graduating classes, payable to the University.

Large class. University for several years has had 1000 students.

Academic Year 1923-1924

Tuition in all courses made \$300.00.

University Alumni Trustees no longer called Honorary but termed "Members Elected by Alumni" and the number increased from four to six. Each one elected each year to serve for six years, H. D. Wilson, term expires 1924, Homer D. Williams 1925, William C. Dickerman 1926, Taylor Allderdice 1927, Aubrey Weymouth 1928, and Alan C. Dodson 1929.

A. C. Dodson added to Committee on Buildings and Grounds.

Charles Maxwell McConn, A. M., comes as "Dean." Heading up Faculty Committees on Admission, Discipline, Petitions, Standing of Students and Student Activities.

Professors Stewart and Hall given leave of absence.

Professor Wright advanced from Acting Professor to Professor of the Latin Language and Literature.

Bradley Stoughton, Ph. B., B. S., comes as Professor of Metallurgy. Outstanding man. Did a fine job for the University through many years till called to serve his country in Washington.

R. D. Billinger, Ch. E., M. S., Ph. D., comes as Instructor in Chemistry.

R. C. Bull, B. S., A. B., M. D., comes as Director of Students' Health Service. Retired 1944 on account of health.

Neil Carothers, B. A. University of Arkansas '05, Oxford University '07, England, and Princeton '16, comes as Professor of Economics and Director of the College of Business Administration.

E. S. Sinkinson, B. Sc., D. I. C., A. I. C., F. C. S., comes as Assistant Professor of Quantitative Analysis.

E. K. Smiley, B. A., M. A., comes as Instructor in English and Assistant Dean and Registrar.

Under the Alumni Association in the Register for the first time appears "The Association is largely concerned with raising money to meet the needs of the University."

Officers for 1923-1924:

C. W. Hudson, '89, President

H. A. White, '95, and Timothy Burns, '01, Vice-President

J. A. Frick, '03, Treasurer

P. A. Lambert, '83, Archivist

W. R. Okeson, '96, Executive Secretary

A. E. Buchanan, '18, Assistant Secretary and Treasurer

Founder's Day, October 6, 1923. McConnell installed as Dean of the University.

University Sunday, June 11, 1923. Sermon preached by Rt. Rev. Philip Cook, Bishop of Delaware.

University Day, June 12, 1923. Address by William S. Murray, E. E., '95.

Honorary Degrees conferred on William Spencer Murray, '95, Eng. D., and Jose Ramon Villalon, '90, LL. D.

Tom Ganey and Johnny Opdycke get their B. S. degrees.

Over four hundred in freshman class.

Total enrollment in all courses, 1342.

Academic Year 1924-1925

On the death of H. R. Price, April 17, 1924, William C. Dickerman, '96, takes his place on Board of Trustees, and Eugene G. Grace becomes President of the Board and Chairman of the Executive Committee. Successfully guiding the University through all of these years.

H. D. Wilson is re-elected Alumnus Trustee. Term expires in 1930.

Jacob G. Petrikin, L. U. '96, comes as Graduate Manager of Athletics. Died January 10, 1937.

A. E. Meaker, Emeritus Professor of Mathematics, died November 28, 1924, and Professor Lambert died the following year, February 15, 1925.

Nelson S. Hibshman, B. A., M. S., comes as Instructor in Electrical Engineering.

Howard Seavoy Leach, A. M., comes as Librarian.

Lawrence H. Gipson, Univ. of Idaho '03, Univ. of Oxford '07, Ph. D. Yale '18, comes as Professor of History and Government.

Professor Roy B. Cowin, A. B., M. A., comes as Professor of Accounting.

Members of Committees of Faculty put on rotating system. New member coming into office each year and oldest in office going off. A number of new committees formed, "Advanced Standing," "Founder's Day and Commencement," "Library," and "Summer Session."

Robert S. Taylor, Sr., '95, becomes the Legal Counsel for the University.

First mention of the University Band with Shields as director.

Register comes out with statement that Lehigh has now an endowment of \$3,000,000.00.

Lehigh Alumni Memorial Building completed and occupied, memorial to more than 1800 Lehigh men who served in the World War and 46 who made the "supreme sacrifice." Cost over half a million dollars, raised by subscription from some 1700 alumni. Record is placed on wall in room beneath the tower, in bronze, of the names of those who served and those who "made the supreme sacrifice." Designed by J. L. Burley, '94, and assisted by T. C. Visscher, '99. Building used for general administration purposes.

Trustees establish University Scholarships:

- (1) Twenty-four free tuition.
- (2) Forty deferred tuition.

New Jersey Zinc Company establishes a Research Fellowship of \$600.00.

The American Bureau of Shipping established a system of prizes (\$100.00 in gold) to students in colleges where Naval Architecture and Marine Engineering are taught. Lehigh is second mentioned in a list of six colleges eligible.

Register covers extended list of organizations: Arcadia, Interfraternity Council, The Beaux Arts Society, Alpha Kappa Psi, Pi Delta Epsilon, Robert W. Blake Society, Scabbard and Blade, Sword and

Crescent, The Combined Musical Clubs, Mustard and Cheese, Deutscher Verein, Club Le Quinze, The Radio Club, Square and Compass, St. Paul's Society.

Following fraternities now have chapters at Lehigh: Alpha Chi Rho, Alpha Tau Omega, Beta Theta Pi, Chi Phi, Chi Psi, Delta Phi, Delta Tau Delta, Delta Theta, Delta Upsilon, Kappa Alpha, Kappa Sigma, Iota Delta Theta, Phi Gamma Delta, Phi Sigma Kappa, Pi Lambda Phi, Psi Upsilon, Sigma Alpha Mu, Sigma Chi, Sigma Iota, Sigma Nu, Sigma Phi, Sigma Phi Epsilon, Theta Delta Chi, Theta Kappa Phi, Theta Xi.

Founder's Day celebration in October had been jumping about from a Thursday to a Saturday but day is definitely set for first Wednesday of October.

Founder's Day, Wednesday, October 1, 1924, was devoted largely to exercises in memory of the late Dr. Henry Reese Price, '70, many years President of the Board of Trustees. Eugene Grace, '99, made the address "Life of Dr. Henry Reese Price."

University Sunday, June 8, 1924, sermon preached by Rt. Rev. Charles E. Woodcock, D. D., LL. D., Bishop of Kentucky.

University Day, June 10, 1924. Augustus Parker-Smith, M. E., '84, gave address entitled "Forty Years as a Lehigh Alumnus."

The Alumni Association move their office in Drown Hall to their present location in the Memorial Building. Okeson Executive Secretary and Buchanan his assistant. Officers: President, C. A. Buck, '87; Vice-Presidents, E. H. Lawall, '82, and R. H. Morris, '89; Treasurer, J. A. Frick, '03.

Carson Prize to J. M. Carol and R. W. Ennis, jointly.

Chandler Prize to J. C. Kitchen, Jr.

Electrical Engineering Prize to W. S. Thompson, Jr.

Wilbur Prizes to R. J. DeGray, R. J. Batz, Charles Britton, E. H. Schaub, W. S. Jones, D. McM. Mong, H. H. Rapp and Donald McM. Mong.

Chandler Prizes to R. J. Butz, R. J. DeGray, J. G. Jackson, and James Bliss Austin.

Tau Beta Pi Prize (highest technical freshman) to J. Henry Mertz.

Alumni Prizes to M. B. Levy and R. A. Lambert.

Wilbur Scholarship to Davitt Stranhan Bell.

Haines Scholarship of \$500.00 to Charles E. Barba, Jr.

Over 500 students enter in freshman class. Total enrollment in all departments for the year—1685.

The Commons was discontinued just before the Christmas holidays, 1924.

Academic Year 1925-1926

Homer D. Williams retires by rotation and Howard H. McClintic is elected trustee to represent alumni.

Robert Metcalf Smith, A. B., A. M., Ph. D., becomes Professor of English and Head of the Department of English.

Professor J. A. Mease, M. E., Associate Professor of Machine Design dies December 21, 1925.

Robert P. More, B. A., M. A., becomes Associate Professor of German, advanced from Assistant Professor.

William Bowie, '95, S. B., C. E., M. A., Sc. D., becomes Lecturer on Geodesy Isostasy.

Gilbert Everett Doan, Ch. E. Lehigh University '19, Ph. D. University of Berlin '26, comes as Assistant Professor of Metallurgy.

Cyril Dewey Jensen, B. S. in C. E., comes as Instructor in Civil Engineering.

President Richards adds a number of Faculty committees: Board of Publications, Chapel, House Committee, Student Clubs.

President changes term Head of Curriculum to Director of Curriculum.

Frederick Thomas Trafford appears in Register as Secretary of the University Y. M. C. A.

Founder's Day set again for celebration second Wednesday following the opening of the University. In 1925 it came on October 7. Address by Samuel Wilson Parr, M. S., Professor of Applied Chemistry, University of Illinois.

University Sunday, June 7, 1925. Sermon by Rt. Rev. Thomas Campbell Darst, D. D., Bishop of East Carolina.

University Day, June 9, 1925. Address by the Hon. Joseph Buffington, LL. D., Senior United States Circuit Judge.

Lost Calculus cremation June 5, 1925.

Okeson and Buchanan still hold down job of Secretary and Assistant Secretary of the Alumni Association.

Officers: President, C. H. Veeder, '86; Vice-presidents, Evans, '01 and Felix, '03; Treasurer, Frick, '03; Archivist, J. S. Long, '14.

Prizes:

Williams Prize, H. V. duP. Dykes.

Carson Prize, Charles Coopersmith

Chandler Prize, J. B. Austin.

Electrical Engineering Prize, William H. Bokum and C. D. Holzshu (jointly)

American Bureau of Shipping Prize (\$100.00) William J. Behr, Jr.

Wilbur Prizes, B. L. Snavely, J. B. Sells, K. E. Heim, L. H. Sudholz, G. V. McGurl, C. M. Leister, P. G. Strohl.

Chandler Chemistry Prizes, freshmen, R. M. Goeep and E. W. McGovern (jointly); sophomore, G. V. McGurl; junior, J. G. Jackson.

Tau Beta Pi Prize, B. L. Snavely.

Alumni Prizes, Donald McM. Mong, J. G. Jackson.

Wilbur Scholarship Prize to Gilbert V. McGurl.

Haines Scholarship to W. L. Lasher.

Phi Sigma Kappa Scholarship Cup (awarded to the fraternity having the highest scholarship record for the year) went to Pi Lambda Phi.

Professor Billinger gets his Master of Science degree.

Honorary Degrees conferred:

George K. Burgess, Eng. D.

Clarence W. Hudson, '89, Eng. D.

Samuel W. Parr, Sc. D.

Professor Emeritus Charles L. Thornburg LL. D.

609 in freshman class. Total enrollment 1643.

Academic Year 1926-1927

Register also covers "Announcement, 1927-1928" and issues a revised calendar for that period.

C. W. Hudson, '89, retires by rotation but is re-elected Alumnus Trustee. Term expires 1932.

A. C. Dodson is added to Committee on Finance and Investments.

Milton Caleb Stuart, B. S., in M. E., becomes Professor of Experimental Engineering.

Professor Reynolds gets leave of absence for 1926-1927.

Professor Beaver becomes Associate Professor of Electrical Engineering.

Professor Sydney Brown becomes Associate Professor of History and Professor Smail Associate Professor of Mathematics and Astronomy.

The following become Assistant Professors: L. L. Leach of Mechanical Engineering; L. P. Beebe of Economics; F. A. Bradford of Economics; H. C. Brown of Romance Languages; R. C. Cantelo of Chemical Engineering; G. E. Doan of Metallurgy; C. A. Glover of Economics; J. A. King of Mechanical Engineering; K. W. Lamson of Mathematics; and E. H. Riley of English.

Henry I. Klopp, M. D., becomes Lecturer on Mental Hygiene.

Number of new instructors and assistants added of the number still here, Professor B. H. Jennings, Professor A. W. Luce.

First listing of "Fellows" in Register: W. S. Egge, B. S. in Chem. by New Jersey Zinc Co.; J. D. Ransom, Ch. E., by Pfister and Vogel; C. W. Simmons, B. Sc., by H. M. Byllesby; P. C. Wetterau, Ch. E., by Callender-Carnell; M. A. Thorpe, B. Chem by H. M. Byllesby.

President Richards adds several additional faculty committees: Lectures, Prof. Beaver, chairman; Roster, Assistant Dean Curtis, chairman; Faculty Educational Club, Professor Bennett, chairman.

George B. Curtis becomes Assistant Dean in E. K. Smiley's place who had gone to accept another position.

Professor Emery becomes Director of the Summer School, and F. T. Trafford, Y. M. C. A. director, becomes Secretary of the Bureau of Student Employment and Housing.

During the summer Christmas and Saucon Halls were remodelled and joined by the addition of a four-story central building. All arranged to house the College of Business Administration, the Departments of English and Economics and the Department of Students' Health Service.

University Commons having been discontinued. Building remodelled as an Armory to house the Department of Military Science and Tactics.

Announcement of the gift by James Ward Packard, M. E., of the class of '84, the designer of the first Packard motor car and the founder of the Packard Motor Car Company, of over a million dollars for the erection of an electrical and mechanical engineering laboratory at Lehigh.

Mrs. H. M. Byllesby, widow of Col. H. M. Byllesby, M. E., '75, provided an endowment fund for the establishment of the Henry Marison Byllesby Memorial Research Fellowships in Engineering.

Columbian Carbon Research Fellowship for the promotion of research in Chemistry is the gift of the L. Martin Company of New York.

The Pfister and Vogel Leather Company Research Fellowship for the promotion of research in Chemistry is the gift of the Pfister and Vogel Leather Company of Milwaukee.

Attention called to the Board of Control of Athletics consisting of four members of the faculty, four alumni elected by directors of the Alumni Association and four undergraduates.

Faculty members: Reiter, Beaver, Larkin and More.

Alumni members: Okeson, Petty, Frick and Jacobs.

Undergraduates: J. H. Farrell, Jr., '27, J. S. Ford, '27, I. B. Miles, '27 and C. S. Ames, '28.

The Graduate Manager of Athletics: J. G. Petrikin, '96.

University Sunday, June 6, 1926. Sermon preached by the Rt. Rev. James E. Freeman, D. D., LL. D., Bishop of Washington.

University Day, June 15, 1926. Address by Henry S. Pritchett, Ph. D., Sc. D., Litt. D., LL. D., President of Carnegie Foundation.

Honorary Degrees conferred on:

Louis A. Olney, L. U. '96, Sc. D.

Albert Sauveur, Eng. D.

Ethelbert Talbot, LL. D.

Owen D. Young, LL. D.

Alumni Association, officers: President, Cadawallader Evans, '01; Vice-presidents, E. G. Steinmetz, '95, and Morton Sultzer, '12; Treasurer, R. S. Taylor, '95; Secretary, Walter R. Okeson; Assistant Secretary, Andrew E. Buchanan; and Archivist, Professor J. S. Long.

Carson Prize, F. L. Castleman, Jr., and K. A. Sheppard (jointly).

Chandler Prize, J. G. Jackson.

Electrical Engineering Prize, E. E. Althouse.

Wilbur Prizes: P. Middleton, C. L. Snavely, J. K. Brennan, C. F. Kutz, Samuel Garwood, Jr., B. L. Snavely, K. E. Heim.

Williams Prizes: R. P. Hebard, K. E. Heim, R. F. School. M. Schultz, J. R. Caskey, P. G. Gilmore, J. E. Illick, M. S. Narins.

Chandler Chemistry Prizes: J. A. Lyter, E. W. McGovern, G. V. McGurl.

Tau Beta Prize, A. B. Achilles.

Alumni Prizes, P. G. Strohl, C. W. Bowler.

Wilbur Scholarship: B. L. Snavely.

Phi Sigma Kappa Scholarship Cup awarded to Delta Tau Delta.

695 students in freshman class. Total enrollment in all departments, 1731 students.

Undergraduates alone 1641, coming from 44 different states and countries, practically every state in the union represented and 10 different countries.

Department of Fine Arts created May, 1927.

Academic Year 1927-1928

Taylor Allderdice, '83, retires by rotation and James Ward Packard, M. E., '84, takes his place, term expiring 1933. However, he never completed his term of office as he died March 20, 1928, leaving the money for the wonderful Packard Engineering Laboratory.

William C. Thayer, Professor Emeritus of English, died May 3, 1927.

J. B. Reynolds advanced to Professor of Mathematics and Theoretical Mechanics.

C. C. Bidwell comes from Cornell as Professor and Head of the Department of Physics.

Tomlinson Fort comes from the University of Georgia as Professor and head of the Department of Mathematics and Astronomy.

Herbert M. Diamond comes from Yale as Professor of Economics.

Professor A. A. Diefenderfer gets leave of absence for 1927-1928.

Ernst Bernhard Schulz comes from the University of Michigan to become Assistant Professor of Political Science.

P. L. Bayley comes from the University of Kansas to become Associate Professor of Physics.

Number of Assistant Professors added. Professors A. R. Miller, Harmon and Hibshman advanced from instructors.

Professor Carwile, Assistant Professor of Physics, comes from the University of Virginia.

Professor Howland, Assistant Professor and Head of the Department of Fine Arts, comes from the University of North Dakota.

Professor H. A. Neville comes from Princeton as Assistant Professor of Chemistry.

Professor Max H. Petersen, B. S., M. A., Ph. D., comes from the University of Wisconsin as Assistant Professor of Physics, and Professor E. R. Theis comes a Assistant Professor of Chemical Engineering.

Number of new intructors. Among those still here are Professor Thomas H. Hazlehurst, now Associate Professor of Chemistry, Professor J. B. Severs, Associate Professor of English.

James Mahoney comes as Assistant in Swimming.

James Mahoney comes as Assistant in Swimming.

Charles W. Simmons enters Lehigh as a Research Fellow from Queen's University, Canada. Later to become Instructor in Chemistry, Assistant Professor of Chemistry, Associate Professor, and now Professor of Chemical Engineering.

President appoints Standing Committees: Scholarships and Loans headed by Vice-President Emery; Graduate Board and Institute of Research, the latter two headed by President Richards.

College of Engineering Curricula revised, making a uniform freshman year. All set forth in full in Register for 1927-1928.

The Archer-Daniels-Midland Company and the William O. Goodrich Company establish a Research Fellowship of \$900 for research in linseed and other drying oils.

Members of the Class of 1930 established Student Chemistry Research Fellowship Fund of \$750.00 each annually for two students.

Lehigh University Union started by the students and all offices held by students, except General Secretary F. T. Trafford. Purpose to promote religious, moral and social life of the University.

Founder's Day celebrated October 5, 1927. Address by K. T. Compton, Ph. B. M. S. D. Sc. Ph. D., Professor of Physics, Princeton University.

University Sunday, June 5, 1927. Sermon by the Rt. Rev. Philip Cook, S. T. D., D. D., Bishop of Delaware.

F. R. Dravo, '87, elected President of the Alumni Association, Walton Forstall, '91, and Dr. Billy Estes, '05, Vice-Presidents. Okeson still Secretary and J. S. Long, '14, Archivist.

Mathematics Club founded November 1, 1927.

June 9, 1928, corner-stone of Packard laboratory laid.

Wilbur Scholarship Prize to John I. Kirkpatrick with other prizes listed in Register, 1927-1928.

Honorary Degrees conferred:

K. Taylor Compton, Sc. D.

William D. Coolidge, Eng. D.

Eugene G. Grace, Eng. D.

Robert C. Heck, L. U. '93, Eng. D.

Elmer Ambrose Sperry, Sc. D.

Five hundred seventy in freshman class: 270 in Engineering, 155 in Arts and Science and 145 in Business Administration. Total enrollment in all departments 1647.

Academic Year 1928-1929

Bishop Talbot of the Board of Trustees died February 27, 1928, and Albert N. Cleaver June 30, 1928. Howard Hale McClintic, '88, becomes member of the Board of Trustees.

Aubrey Weymouth, '94, retires by rotation and F. R. Dravo, '87, is elected Trustee by the Alumni Association.

F. R. Dravo, '87, added to the Committee on Buildings and Grounds.

William Esty, Professor of Electrical Engineering, died July 6, 1928.

Professors Wright and Butterfield on leave of absence for the academic year 1928-1929.

S. S. Seyfert becomes full Professor and Head of the Department of Electrical Engineering.

Professor Long becomes full Professor of Inorganic Chemistry.

Professor Stanley J. Thomas becomes full Professor of Bacteriology. Professors Toohy, Sinkinson and W. W. Ewing advanced from Assistant Professors to Associate Professors.

L. L. Leach on leave of absence.

Ward L. Bishop comes as Assistant Professor of Economics.

George D. Farne comes as Instructor in Romance Languages.

Eugene H. Sloane comes as Instructor in English.

F. J. Trembley comes as Assistant in Biology.

R. N. VanArnam comes as Assistant in Mathematics and Astronomy.

A. E. Buchanan, Jr. takes in with other duties Director of Promotion and Publicity.

Expect Packard Laboratory to be completed in summer of 1929.

Corner-stone of rebuilt Library laid February 22, 1929.

Physics Building fire April 4, 1929, loss of \$15,000.00.

Senior Class, 1929, takes out Insurance Policy payable to Lehigh. First class to do this.

The R. K. Laros Silk Company establish a research fellowship of \$7500.00, for research in silk and the fabrication of silk textiles.

Fencing Club organized.

Founder's Day, October 3, 1928. Address by William Mather Lewis, A. B., A. M., LL. D., President of Lafayette College.

University Sunday, June 3, 1928. Sermon preached by the Rt. Rev. Frank W. Sterrett, D. D., Bishop of Bethlehem.

University Day, June 12, 1928. Address by Roscoe Pound, A. M., Ph. D., LL. D., Dean of the Law School, Harvard University.

Officers of the Alumni Association:

President, T. M. Girdler, '10.

Vice-Presidents, L. S. Horner, '98, and N. E. Funk, '05.

Treasurer, R. S. Taylor, '95.

Archivist, Professor J. L. Beaver.

A. E. Buchanan, Jr. takes Okeson's place as Executive Secretary.

Remodelled Library dedicated April 25, 1929.

Long list of prizes awarded. Found on pages 220, 221, 222 and 223 of University Register, academic year 1928-1929.

Honorary Degrees conferred:

John Farrell Metten, Eng. D.

William Mather Lewis, LL. D.

Samuel Dexter Warriner, L. U. '90, Eng. D.

Christian Gauss, L. H. D.

James Ward Packard, L. U. '84, Eng. D. (Posthumously).

506 in freshman class: 275 in Engineering, 119 in Arts and Science and 112 in Business Administration.

Academic Year 1929-1930

Register published in March, 1930, instead of December of previous year, as heretofore.

No change in Corporate Members of the Board of Trustees. Vacancy still continues due to death of Bishop Talbot.

A. C. Dodson retires by rotation and Tom M. Girdler, '01, is elected Trustee by the Alumni Association. Term expires 1935.

Professor Lloyd LeRoy Smail made full Professor of Mathematics.

Professor Allison Butts moved up to Associate Professor of Metallurgy from Assistant Professor, and Professor F. A. Bradford from Assistant Professor of Economics to Associate Professor, and Professor E. LeV. Crum from Assistant Professor of Latin to Associate Professor.

Professor F. C. Becker moved up from Instructor to Assistant Professor of Philosophy.

Professor C. W. Simmons moved up from Instructor to Assistant Professor of Chemical Engineering.

Professor C. E. Berger comes from Penn State to be Assistant Professor of Physics.

Professor R. D. Billinger advanced from Instructor to Assistant Professor of Chemical Engineering.

Professor Elmer Clark Bratt from the University of Nebraska becomes Assistant Professor of Economics.

Professor Austin R. Frey comes from Harvard as Assistant Professor of Physics.

Professor C. R. Larkin comes from the University of Virginia as Assistant Professor of Physics.

Professor F. A. Scott comes from Rice Institute to become Instructor in Physics.

Professor J. R. Connelly comes from the University of Illinois as Instructor in Mechanical Engineering.

Professor Dale H. Gramley comes from Albright College and Columbia University as Instructor in Journalism.

Office of Supervising Architect created and A. W. Litzenberger takes charge.

Standing Committees increase: Art Exhibitions, Lectures, Mental Hygiene, Register, Teacher Placement and Williams Senior Prize.

Packard Laboratory nearing completion and housed by Mechanical and Electrical Departments.

The James Ward Packard Research Fellowship in Electrical or Mechanical Engineering established from the income of Packard's bequest.

Several new fellowships established. One in aeronautics by Mrs. C. K. Baldwin in memory of her husband, L. U. '95. One by Barrett Leather Company on Leather Technology. One by Hunt-Rankin Leather Company on same subject.

The Philip F. DuPont Memorial Thesis Prize in Electrical Engineering established by L. S. Horner, E. E., '98.

Intellectual interest in various fields of study prompted various Course Societies and the following are now listed at Lehigh: Delta Omicron Theta (public speaking); Deutscher Verein; Ernest W. Brown Astronomical Society; Eta Sigma Phi (classics); International Relations Club (history and government); Newtonian Society (mathematics); Pre-Legal Society; Robert W. Blake Society (philosophy, psychology, and education); Robert W. Hall Pre-Medical Society; Alpha Kappa Psi (professional business fraternity); Chemical Society; Civil Engineering Society; Electrical Engineering Society; Industrial Engineering Society; Mechanical Engineering Society; Metallurgical Society; Mining and Geological Society; and Radio Club.

Founder's Day, October 2, 1929. Address by Willis Rodney Whitney, Ph. D., D. Sc., D. Ch., Vice-President of General Electric Company.

University Sunday, June 2, 1929. Sermon preached by the Rt. Rev. Charles Fiske, D. D., LL. D., Bishop of Central New York.

University Day, June 11, 1929. Address by Rev. Harry E. Fosdick, D. D., LL. D., of New York.

Officers of the Alumni Association:

President, A. R. Glancy, '03.

Vice-Presidents, R. P. Hutchinson, '04, and E. F. Johnson, '07.

Treasurer, R. S. Taylor, '95

Secretary, A. E. Buchanan, Jr., '18.

Archivist, J. L. Beaver, '04.

Honorary Degrees conferred:

John Johnston, Sc. D.

Henry C. Mercer, LL. D.

Robert Ridgway, Eng. D.

Willis R. Whitney, LL. D.

John A. Wilson, Sc. D.

Long list of prizes on pages 243, 245, 246 and 247 of the Univer-

sity Register for the academic year 1929-1930.

Large freshman class—627: Divided, 364 Engineering, 112 Arts and Science and 151 Business Administration.

Lehigh beats Lafayette 13-12. First victory for Lehigh in eleven years.

Dudley L. Harley, Arts '30, wins \$10,000.00 prize offered by the National Food Preservation Council.

Academic Year 1930-1931

Frank Raymond Coates, L. U. '90, added to list of University Corporate Trustees.

H. D. Wilson, '01, retires by rotation and Alfred R. Glancy, '03, is elected Trustee by the Alumni Association. Term expires 1936.

Professor A. A. Diefenderfer becomes full Professor of Assaying and Quantitative and Professor Hale Sutherland of Harvard comes from Massachusetts Institute of Technology, to be Professor and Head of the Department of Civil Engineering.

Professor Kenneth W. Lamson comes from Harvard University as Associate Professor of Mathematics.

Professor H. A. Neville advanced to Associate Professor of Chemistry.

Professor Max Petersen advanced to Associate Professor of Physics.

Professor T. H. Hazlehurst advanced from Instructor to Assistant Professor of Chemistry.

Professor C. E. Allen comes from the University of Illinois to become Assistant Professor of Accountancy.

Professor J. L. Graham comes from Peabody College to be Assistant Professor of Psychology.

Professor C. A. Shook comes from Johns Hopkins as Assistant Professor of Mathematics.

James W. Packard Laboratory dedicated.

Professor L. C. Stewardson, graduate of Kenyon College, and later Professor at Lehigh, bequest of \$100,000.00 for Philosophy.

Lehigh scores first victory over Princeton in 33 years, 13-9.

Dudley L. Harley, Arts '30, Rhodes Scholar.

Mrs. A. N. Cleaver, widow of A. N. Cleaver former Trustee, bequest of \$50,000 to promote music.

R. N. VanArnam advanced from Assistant in Mathematics and Astronomy to Instructor.

Professor F. S. Beale comes from the University of Maine as Instructor in Mathematics.

Professor E. H. Cutler comes from Harvard as Instructor in Mathematics.

Professor H. C. I. Knutson comes from Brooklyn Polytechnic Institute as Instructor in Electrical Engineering.

Professor T. T. Lafferty comes from University of Chicago as Instructor in Philosophy and Psychology.

Professor Lawrence Whitcomb comes from Princeton as Instructor in Geology.

Professor Hale Sutherland takes Professor Fogg's place as Director of Curriculum in Civil Engineering.

Professor S. S. Seyfert becomes Acting Director of the Curriculum in Electrical Engineering.

A. W. Litzenberger's title changed to Superintendent of Buildings and Grounds.

Lehigh has grown. It occupies nineteen large buildings, covers one hundred and eighty acres. Fifteen hundred fifty-eight students: 279 seniors, 277 juniors, 354 sophomores, 626 freshmen, 1 unclassified and 3 specials, and with summer school etc. makes 1736 under instruction. Coming from practically every state in the Union and sixteen from foreign countries.

"The Ray Sands Nostrand Scholarship" established by the late Benjamin B. Nostrand, Jr., M. E., '78, in memory of his son, Ray Sands Nostrand, '17.

The Trustees of the University have established four fellowships for research in several fields of science. Stipend \$600.00.

Engineering Foundation establishes two fellowships, stipend \$750.00, for research in metallurgy.

Attention in Register is called to the fact that interest on gifts of \$20,000.00 will establish a fellowship named in honor of an individual for all time, and explaining just how such interest would be paid out and the principal handled.

Long list of prizes given as listed on pages 217, 218, 220 of the Register for 1930-1931.

Honorary Degrees conferred:

Edward W. Berry, Sc. D.

Nicholas Hunter Heck, L. U. '03, Sc. D.

Thaddeus Merriman, L. U. '97, Eng. D.

Harold Malcolm Westergaard, Sc. D.

Founder's Day, October 1, 1930. Address by F. W. Berry, Professor of Paleontology and Dean of Johns Hopkins University.

University Sunday, June 1, 1930. Sermon preached by the Very

Rev. D. W. Gateson, Chaplain of the University and Dean of the Nativity Church.

University Day, June 10, 1930. Address by George E. Vincent, A. B., Ph. D., LL. D., President Emeritus of the Rockefeller Foundation.

Officers of the Alumni Association: President, A. C. Dodson, '00; Vice-Presidents, C. S. Kenney, '10, and A. V. Bodine, '15; Treasurer, R. S. Taylor, '95; Secretary, A. E. Buchanan, '18; and Archivist, J. L. Beaver, '04.

John A. Engel, B. A. '31, first Lehigh man to win N. C. A. A. title, crowned (118 lb.) champion March 28, 1931.

Professor Harvey advanced from Instructor to Assistant Professor of Metallurgy.

Prof. I. M. Lyse, B. S. in C. E., comes from Norwegian University as Research Assistant Professor of Engineering Materials.

Prof. George Emil Raynor, B. S., M. A., Ph. D., comes from University of Washington as Assistant Professor of Mathematics.

Academic Year 1931-1932

Warren A. Wilbur, Corporate Trustee, dies January 15, 1932, and Aubrey Weymouth, L. U. '94, elected to take his place.

Rembrandt R. Peale resigns as Corporate Trustee and Rt. Rev. F. W. Sterrett, Bishop of Bethlehem, is elected to take his place.

Aubrey Weymouth retires by rotation and A. C. Dodson, '00, is elected Trustee by the Alumni Association. Term expires 1937.

Aubrey Weymouth put on Executive Committee in place of Warren A. Wilbur, deceased

A. R. Glancy put on Committee on Endowment in place of Weymouth.

Professor Sydney MacG. Brown becomes a full Professor of History.

Professor C. G. Beardslee, B. A., B. D., M. A., S. T. M., Ph. D., comes from Yale, Hartford Theological Seminary, University of S. California and Brown University as Professor and Head of the Department of Moral and Religious Philosophy.

Professor Adellert Ford, A. B., A. M., Ph. D., comes from the University of Michigan as Head of the Department of Psychology.

Professor Doan advanced from Assistant Professor to Associate Professor of Metallurgy

Professor Riley advanced from Assistant Professor to Associate Professor of English.

Professor Harmon advanced from Assistant Professor to Associate Professor of History.

Professor Carwile advanced from Assistant Professor to Associate Professor of Physics.

Professor Schulz advanced from Assistant Professor to Associate Professor of Government.

Professor Bishop advanced from Assistant Professor to Associate Professor of Economics.

Professor Severs advanced to Assistant Professor of English.

Professor Trembley advanced from Assistant to Instructor in Biology.

Professor S. S. Cairns, A. B., A. M., Ph. D., comes from Harvard as Instructor in Mathematics.

Professor Donald McC Fraser, A. B., A. M., comes from the University of Oregon as Instructor in Geology.

Professor Voris V. Latshaw, B. A., A. M., Ph. D., comes from Indiana University as Instructor in Mathematics.

Professor B. L. Snavely, B. S. in Eng. Phys., comes from Princeton as Instructor in Physics.

Kenneth K. Kost, B. A., L. U. '31, comes as Assistant in English.

Library reports 196,000 volumes now upon its shelves, with capacity now for 500,000 volumes.

Mrs. L. C. Brink establishes a fellowship in Civil Engineering in memory of her husband, Lawrence Calvin Brink, C. E. '94.

The Eavenson and Levering Company establish a research fellowship or the study of wool.

Founder's Day, October 7, 1931. Address by Thomas S. Gates, President of the University of Pennsylvania.

University Sunday, May 31, 1931. Sermon preached by the Rt. Rev. F. W. Sterrett, Bishop of Bethlehem.

University Day, June 9, 1931. Address by John Dewey, A. B., Ph. D., LL. D., Professor of Philosophy, Columbia University.

Officers of the Alumni Association: President, E. F. Johnson, '07; Vice-Presidents, C. S. Kenney, '10 and Louis Focht, '84; Treasurer, R. S. Taylor, '95; Secretary, A. E. Buchanan, '18; and Archivist, J. L. Beaver, '04.

Honorary Degrees conferred:

Henry Latham Doherty, Eng. D.

Edward Albert Filene, LL. D.

Thomas Sovereign Gates, LL. D.

Seymour Parker Gilbert, LL. D.

Evarts Boutell Greene, L. H. D.

William Frederick Kiesel, Jr., Eng. D.

Francis Ferdinand Lucas, Sc. D.

Long list of prizes on pages 227, 228 of Register for 1931-1932.

Uniform Athletic Letter authorized May 23, 1932.

Board of Control of Athletics abolished.

Academic Year 1932-1933

C. W. Hudson, '89, retires by rotation and E. F. Johnson, '07, is elected by the Alumni Association a University Trustee.

Professor Willis A. Slater died October 5, 1931, Professor of Engineering Materials and Director of the Fritz Engineering Laboratory.

Professor Beaver become full Professor of Electrical Engineering and Professor H. P. Thomas, B. S. Ed. M., Ed. D., comes from Harvard as Professor of Education and Head of the Department of Education.

Charles Austin Buck, '87, made Lecturer on Procurement of Raw Materials.

Daniel Borth, Jr., B. S., M. S., Ph. D., comes from the University of Illinois as Instructor in Economics.

The late Mrs. Maria B. Hoppes establishes a Research Fellowship in memory of her sons, Garrett Linderman Hoppes, '83. Stipend \$600.00 annually.

Founder's Day, October 5, 1932. Address by William Francis Gray Swann, Director of the Bartol Research Foundation of the Franklin Institute.

University Sunday, June 12, 1932. Sermon preached by Chaplain Rev. C. G. Beardslee.

University Day, June 14, 1932. Address by the Rev. Charles Reynolds Brown, S. T. D., D. D., L. H. D., LL. D Emeritus Dean of the Divinity School, Yale University.

Lacrosse dropped as a varsity sport after many years of successful activity.

Lacrosse Club organized in hopes of a revision of Lacrosse as a varsity sport at a later date.

Officers of the Alumni Association:

President, Alexander Potter, '90.

Vice-Presidents, J. D. Berg, '05, and J. A. Frick, '03.

Treasurer, R. S. Taylor, '95.

Secretary, A. E. Buchanan, '18.

- Archivist, R. P. More, '10.
 John A. Brodhead, L. U. '07, Director of Placement Service.
 "Johnny" Maxwell, L. U. '26, Assistant Editor, Alumni Bulletin.
 Sword and Crescent Club abolished.
 Honorary Degrees conferred:
 Charles Austin Buck, L. U. '87, Eng. D.
 Henry Alfred Gardner, Sc. D.
 Edwin Fitch Northrup, Sc. D.
 Samuel A. Tannenbaum, L. H. D.
 Raymond W. Walters, L. U. '07, LL. D.

Academic Year 1933-1934

Cadwallader Evans, Jr., '01, retires by rotation and Alexander Potter is elected by the Alumni Association as a University Trustee.

Nelson Austin Kellogg, A. B., comes from Purdue as Director of the Division of Athletics and Physical Education.

Professor Fretz advanced from Assistant Professor to Associate Professor of Geology.

Professor Hibshman advanced from Assistant Professor to Associate Professor of Electrical Engineering.

Professor Howland advanced from Assistant Professor to Associate Professor of Fine Arts and Head of the Department of Fine Arts.

Professor Luce advanced from Assistant Professor to Associate Professor of Machine Design.

Professor Lyse advanced from Assistant Professor to Associate Professor of Engineering Materials.

Professor Gramley advanced from Instructor to Assistant Professor of Journalism.

Professor Severs advanced from Instructor to Assistant Professor of English.

Professor Cairns advanced from Instructor to Assistant Professor of Mathematics.

Glen W. Harmeson, B. S., comes from Purdue March 1, 1934, as Assistant Professor of Physical Education and Football Coach.

Professor Robert Wallace Mayer, B. S., M. S., Ph. D. comes from the University of Illinois as Instructor in Economics.

Professor Albert Augustus Rights, A. B., A. M., comes from the University of Maine as Instructor in English, handling the "Mustard and Cheese" shows in such a fine fashion for years.

Paul Robert Calvert, B. P. E., comes from Purdue as Instructor in Physical Education.

Division of Athletics and Physical Education set up. Kellogg as Director. Bosey Reiter, Professor of Physical Education; Bartlett as Assistant Professor of Physical Education; Bob Adams Assistant Director of Athletics, Baseball Coach, Assistant Football Coach and Manager of Ticket Sales; A. Austine Tate, Head Football Coach till March 1, 1934 when Glen Harmeson takes his place; Kanaly, Instructor in Physical Education and Track Coach; Billy Sheridan, Wrestling Coach, Head Trainer, Manager of Stores and Superintendent of Lehigh Field; Paul Calvert, Assistant Coach of Football, Baseball and Basketball; Pete Morrissey, Swimming Coach and Assistant Trainer; James Mahoney, Assistant in Swimming; and Carpenter, Soccer Coach.

Athletic Eligibility Committee established: Kellogg, Long, More, Beaver, and Carothers.

Visscher and Burley, L. U. '94, New York City, become Consulting Architects.

History given place in Register once more. Noting fact that the endowment at the time had reached \$5,343,171.41 and listing buildings and date of their erection.

Textile Foundation with headquarters in Washington, D. C., began operating in the fall of 1930 and in April, 1932, established one of their fellowships at Lehigh, in the Department of Chemistry and Chemical Engineering.

Founder's Day, October 4, 1933. Address by Hans Zinsser, A. M., M. D., D. Sc., Professor of Bacteriology and Immunology in the Harvard University Medical School.

University Sunday, June 11, 1933. Sermon preached by Chaplain Rev. C. G. Beardslee.

University Day, June 13, 1933. Address by Mark Sullivan, A. B., LL. B., Litt. D., of Washington, D. C.

Officers of the Alumni Association:

President, Robert Farnham, '99.

Vice-Presidents, E. A. Quier, '91, and N. M. Merriman, '05.

Treasurer, R. S. Taylor, '95.

Secretary, A. E. Buchanan, Jr., '18.

Archivist, R. P. More, '10.

J. A. Brodhead, '07, Director of Placement Service, and Johnny Maxwell, '26, Assistant Editor of the Bulletin.

The heirs of H. J. Horn, E. E., '98, establish the Horn Prize; two of \$40.00 and one of \$20.00 for the best work in senior Electrical Engineering Seminar.

Honorary Degrees conferred:

James Truslow Adams, L. H. D.

Joseph Becker, Eng. D.

David Garrett Kerr, L. U. '84, Eng. D.
 Frank Anderson Merrick, L. U. '91, Eng. D.
 Edwin Jay Prindle, L. U. '90, Eng. D.
 Frank William Sterrett, LL. D.
 Hans Zinsner, Sc. D.

Academic Year 1934-1935

Harry C. Trexler member of the Board of Trustees died November 17, 1933. Place unfilled as college opens September, 1934.

Francis R. Dravo, '87, retires by rotation and Robert Farnham, '99, is elected by the Alumni Association as a University Trustee.

A. C. Dodson takes Dravo's place on Buildings and Grounds Committee.

Trexler's place not filled on either Executive or Finance Committees.

Wray Hollowell Congdon, A. B., M. A., Ph. D., comes from Syracuse University and the University of Michigan as Director of Admissions.

Professor Lafferty advanced from Instructor to Assistant Professor of Education.

Professor Whitsomb advanced from Instructor to Assistant Professor of Geology.

Professor D. McC. Fraser advanced from Instructor to Assistant Professor of Geology.

George D. Farne comes back as Instructor in Romance Languages.

Professor J. P. Sell comes as Assistant in Biology.

Peter Morrissey becomes Assistant in Physical Education.

William Harvey Bohning, L. U. '34, takes Ely's place as Assistant to the Registrar.

Professor C. W. Simmons advanced from Assistant Professor to Associate Professor of Chemical Engineering.

Office of Director of Admissions established with Wray H. Congdon as Director and E. K. Smiley as his assistant.

Marty Westerman comes from Purdue as Assistant Football Coach and Instructor in Physical Education.

Endowment now up to \$5,351,158.85.

Industrial Research Fellowships listed in the Register as follows:

The Chester Enameling Company, patent leather.

The Hunt-Rankin Leather Company.

The Eavenson and Levering Company, wool.

The R. K. Laros Silk Company.

The American Institute of Steel Construction, steel construction.

The American Bureau of Welding, electric welding.

Attention in the Register is called to the fact that as a member of the Inter-Collegiate Newspaper Association of the Middle Atlantic States,

the *Lehigh Brown and White* has won seven first-place cups in editorial and news competitions at the last eight semi-annual conventions.

Founder's Day, October 3, 1934. Address by Josiah Harmar Penniman, Ph. D., Litt. D., LL. D., Provost of the University of Pennsylvania.

University Sunday, June 10, 1934. Sermon preached by Chaplain Rev. C. G. Beardslee.

University Day, June 12, 1934. Address by Frank Pierrepont Graves, Ph. D., Litt. D., LL. D., President of the University of the State of New York and Commissioner of Education.

Officers of the Alumni Association:

President, Morton Sultzter, '12.

Vice-President, V. J. Pazetti, Jr., '15, and E. L. Forstall, '20.

Treasurer, R. S. Taylor '95.

Secretary, A. E. Buchanan, Jr., '18.

Archivist, R. P. More, '10.

J. A. Brodhead, '07, Director of Placement and J. W. Maxwell, '26, Assistant Editor of the Alumni Bulletin.

Honorary Degrees conferred:

Charles McLean Andrews, LL. D.

Barnum Brown, Sc. D.

William Lawrence Estes, Sr., Sc.D.

Irving Langmuir, Sc. D.

Josiah Harmar Penniman, LL. D.

Academic Year 1935-1936

President Richards retires from active service on account of ill health and is elected President Emeritus, and Clement Clarence Williams, B. S. in C. E., C. E., LL. D., comes from the University of Illinois and the University of Colorado as our new President.

"Nat" Emery, Vice-President and Comptroller, died October 31, 1935. As the saying goes "With his boots on" and as he would wish to die, in active service. Presiding at a University meeting at his home he excused himself to go upstairs where he suffered a heart attack and died.

William Jay Turner, LL. B., a great friend and fellow worker in Philadelphia of Samuel Warriner is elected a University Trustee.

Tom Girdler, '01, retires by rotation and Morton Sultzter, '12, is elected by the Alumni Association as a University Trustee.

Turner is put on Committee on Finance and Investments with Warriner and Schwab.

Professor Charles J. Goodwin, Head of the Department of Greek, died September 19, 1935, soon after college opened.

Professor Myron J. Luch, Professor of English, died just before Christmas (December 22, 1935).

Professor F. A. Bradford becomes full Professor of Economics.

Professor B. H. Jennings advanced from Assistant Professor to Associate Professor of Mechanical Engineering.

Professor Albert Haring advanced from Assistant Professor to Associate Professor of Economics.

Professor C. A. Shook advanced from Assistant Professor to Associate Professor of Mathematics.

Professor G. E. Raynor advanced from Assistant Professor to Associate Professor of Mathematics.

Professor Dale H. Gramley advanced from Assistant Professor to Associate Professor of Journalism.

Professor J. R. Connelly advanced from Instructor to Assistant Professor of Mechanical Engineering.

Professor F. S. Beale advanced from Instructor to Assistant Professor of Mathematics.

Professor H. C. I. Knutson advanced from Instructor to Assistant Professor of Electrical Engineering.

Professor William L. Jenkins, B. S. in Chem., M. A., Ph. D., comes from the University of Michigan as Instructor in Psychology.

Professor Hilton Albert Smith, A. B., A. M., Ph. D., comes as Instructor in Chemistry.

Professor John L. Vanderslice, B. S., in E. E., A. M., Ph. D., comes as Instructor in Mathematics.

Professor J. C. Callaghan, A. B., M. A., comes as Instructor in English.

John C. Mertz, B. S. in Ch. E., M. S., comes as Instructor in Chemistry.

Professor William J. Eney, B. E. in C. E., comes as Instructor in Civil Engineering.

Professor Thomas Edgar Jackson, B. S. in M. E., comes as Graduate Assistant in Mechanical Engineering.

Faculty Educational Club added to Committees of the Faculty. Composed of Professors Ford, Gipson, Sutherland, F. C. Becker, Lafferty, and Tow.

Professor Harold P. Thomas takes Dr. Emery's place (deceased) as Director of the Summer Session.

Alumni Association. A. E. Buchanan, Jr. resigns to accept position with Remington Arms Company in Bridgeport, Conn., and Okeson and Buchanan go to Philadelphia after "Billy" Cornelius, L. U. '89, working for the Community Fund in Philadelphia, and on February 1, 1936, the Alumni Association Board of Directors unanimously elected him Executive Secretary to take the place of Buchanan. H. D. Keiser, L. U. '16, Assistant Secretary, having resigned, Cornelius appointed Robert F. Herrick, L. U. '35, to take his place as Assistant Secretary and Editor of the Alumni Bulletin.

Alumni. Campaign for Library Enlargement. "Billy" Cornelius found the Alumni Association had an unfulfilled promise to the University of \$100,000.00 towards expense of enlargement of the Library. The Trustees voted to cancel this obligation if the alumni would contribute by June 1, \$50,000.00 ($\frac{1}{2}$ the obligation). Under the leadership of E. F. Johnson, '07, was begun an intensive campaign for gifts. Resulting in being able to announce at the alumni meeting in June that the \$50,000.00 was in hand and paid over to the University.

E. R. Morgan, M. E., L. U. '03, comes as Director of Placement Service and made a part of the University Administration Departments. "Johnny" Maxwell becomes Manager of the Supply Bureau.

Officers of the Alumni Association:

President, Frank B. Bell, '97.

Vice-Presidents, James H. Pierce, '10, and A. B. Maginnes, '21.

Treasurer, R. S. Taylor, '95.

Executive Secretary, William A. Cornelius, '89.

Assistant Secretary and Editor of the Bulletin, Robert F. Herrick, '35.

Archivist, R. P. More, '10.

A number of Industrial Fellowships added: The Concrete Reinforcing Steel Institute; Seton Leather Company; Raybestos-Manhattan Company; United Fur Breeders Company; Stroock and Wittenberg Corporation, research in resins; Portland Cement Association, research in reinforced concrete slabs; National Oil Products Company.

Honorary Degrees conferred:

Willis Haviland Carrier, Eng. D.

Luther P. Eisenhart, Sc. D.

Aubrey Weymouth, L. U. '94, Eng. D.

Founder's Day, October 2, 1935. Address by Luther P. Eisenhart, A. B., A. M., Sc. D., LL. D., Dean of the Graduate School of Princeton University

University Sunday, June 9, 1935. Sermon preached by Chaplain Rev. C. G. Beardslee.

University Day, June 11, 1935. Address by William E. Lingelbach, A. B., A. M., Ph. D. Professor of Modern European History, University of Pennsylvania.

Large freshman class, 578; divided 377 in Engineering, 81 Arts and Science, and 120 in Business Administration. Total in college 1442 with graduate students and summer session making a grand total of 1619. Students from ten foreign countries.

The Freshman Handbook published for the first time. A fine little publication in brown and white cover full of very kind of useful information for the Freshmen. Staff composed of undergraduates. Goodly number of paid advertisements toward expense of publication. Known by students as "The Freshmen Bible."

Academic Year 1936-1937

University Register gotten out in larger and much more attractive form. With a map in the front showing the campus, with a reference list of all the buildings and a reproduced aeroplane photograph of the campus and the surrounding country.

A. R. Glancy, '03, retires by rotation and the Alumni Association elect Frank B. Bell, '97, a University Trustee. Term expires in 1942.

H. H. McClintic, '88, is added to the Trustee Executive Committee.

E. F. Johnson, '07, takes Dickerman's place as Chairman of the Committee on Endowment. Committee reorganized and made up of Dickerman, '96, Warriner, '90, Bell, '97, President Williams and Okeson, '95, Secretary.

Professor W. L. Wilson retires and made Emeritus Professor. Died July 15, 1937.

Professor C. S. Fox, Head of the Department of Romance Languages, in ill health and retires. Made Professor Emeritus after November 9, 1936, and Professor J. M. Toohy takes his place.

Professor J. B. Severs advanced from Assistant Professor to Associate Professor of English.

Professor A. A. Ettinger, A. B., A. M., D. Phil. (Oxon.), Litt. D., F. R. Hist. S., comes from Muhlenberg, the University of Pennsylvania and Oxford to be Acting Associate Professor of History.

Professor Maurice Ewing advanced from Instructor to Assistant Professor of Physics.

Professor Earl Kenneth Smiley becomes Assistant Director of Admissions.

Professor Robert Dexter Butler, S. B., comes from M. I. T. as Instructor in Geology.

Kenneth K. Kost advanced from Assistant to Instructor in Journalism.

John Henry Carpenter comes as Assistant in Physical Education.

Fritz Mercur becomes Assistant in Physical Education as well as Tennis Coach.

Paul E. Short, L. U. '34, comes as Assistant in Physical Education.

University News Service instituted with Professor Dale H. Gramley in charge and Kenneth K. Kost his assistant.

To Standing Committees is added Administrative Committee of the Graduate Faculty; Educational Measurements; Music Committee; Professional Engineering Degrees; Student Concert-Lecture Series; Faculty Advisory Committee.

Endowment now reported as five and one half million dollars.

Scranton Public High Schools Scholarship. Alumni in Scranton and the vicinity are providing, through gifts, a fund to provide one or more scholarships for graduates of Scranton, Pennsylvania, High Schools. To cover University tuition fee. Awarded yearly.

The William C. Gotshall Scholarship. Seven scholarships are provided by the will of the late William C. Gotshall, L. U. '08, to students in any branch of Engineering offered at Lehigh University. Stipend \$500.00 each.

The Cornelius Prize. The Cornelius Prize of \$100.00 established by William A. Cornelius, '89, to be awarded annually to senior in mechanical engineering who is judged to have profited most by his opportunities at Lehigh University.

For the first time at the June meeting of the Alumni Board of Directors the Presidents of all clubs are invited to dinner meeting as guests of the Alumni Association.

Officers of the Alumni Association:

President, Cadwallader Evans, Jr., '01.

Vice-Presidents, Stewart J. Cort, '06, and R. B. Honeyman, '20.

Treasurer, R. S. Tylor, '95.

Executive Secretary and Managing Editor of Lehigh Alumni Bulletin, William A. Cornelius, '89.

Assistant Secretary and Editor of Lehigh Alumni Bulletin, Robert F. Herrick, '34.

Archivist, Alpha A. Diefenderfer, '02.

Henry M. Ullman Wing of Chemical Laboratory. President Williams called attention to the almost necessity of an addition to the Chemistry Laboratory to take care of the increased number of students, taking subjects in chemistry, and the Alumni Association took this on as their next project for a two year period. Under the leadership of A. C. Dodson, Cornelius was able to announce at the June 11, 1937, meeting that \$59,174.52 had been raised.

The corner-stone on the wing reads:

ADDITION ERECTED

1937 — 1938

From gifts by Alumni

Alumni Secretary secured gifts for rooms in memory of H. S. Miner, '88, and Timothy Burns, '01. Bronze tablets are on the doors of these rooms.

The Devoe and Reynolds Company provide a fellowship for research in the field of colloid chemistry and The Harvey Hubbel Company for research in the field of electrical contacts.

Honorary Degrees conferred:

Edgar Collins Bain, Eng. D.

Edgar S. Furniss, LL. D.

Alexander Potter, L. U. '90, Eng. D.

Charles Russ Richards, LL. D. (In absentia)

Stephen Timonshenko, Sc. D.

University Sunday, June 7, 1936. Sermon preached by Chaplain Rev. C. G. Beardslee.

University Day, June 9, 1936. Address given by Walter A. Jessup, A. B., M. A., Ph. D., LL. D., President of the Carnegie Foundation.

Founder's Day October 7, 1936. Address by Edgar S. Furniss, B. A., Ph. D., Dean of the Graduate School of Yale University.

Informal Discussion Meeting, Alumni Office. An open meeting in the Alumni office for Alumni was started this June on Friday afternoon before Alumni Day for discussion, led by Chairmen of several Alumni Committees, as to what improvements could be made of the plans of the committees and what new things might be undertaken by the Alumni Association.

June, 1937, Alumni Directory is published and distributed free to all who paid dues in the academic years 1936-37. (Sold to others for \$1.00) Gotten out in attractive form, with brown hard cover, with printing and seal on face in white ink. University took care of the cost, but the Alumni office did the work.

Large enrollment, 617 in freshman class: divided, 429 in Engineering, 49 in Arts and Science and 139 in Business Administration. 1634 students—including graduate students and students in summer school a total of 1888.

Academic Year 1937-1938

Register in same attractive form, with map and photograph in front. No change in Corporate Trustees.

A. C. Dodson, '00, retires by rotation and J. D. Berg, '05, is elected Trustee by the Alumni Association. Term expires 1943.

Robert Farnham, '99, takes Dodson's place on Buildings and Grounds Committee.

President Emeritus H. S. Drinker dies in Philadelphia July 26, 1937.

Professor "Benjy" Miller given leave of absence for first semester 1937-38. Takes long trip abroad.

Professor M. C. Stuart given leave of absence, 1937-1938.

Professor Bayley becomes full Professor of Physics.

Professor Doan becomes full Professor of Physical Metallurgy.

Professor W. W. Ewing becomes full Professor of Physical Chemistry.

Joseph Stephens Leonard, B. S., Lt. Col., U. S. A., comes as Professor and Head of the Department of Military Science and Tactics.

Thomas Edgar Shields, Mus. D., A. A. G. O., is given title of Professor of Music and Head of the Department of Music.

Professor J. M. Toohy, Professor of Romance Languages, dies June 23, 1937.

Professor C. D. Jensen advanced from Assistant Professor to Associate Professor of Civil Engineering.

Professor C. R. Larkin advanced from Assistant Professor to Associate Professor of Physics.

Professor T. T. Lafferty advanced from Assistant Professor to Associate Professor of Philosophy and Associate Professor of Education.

Bradford Willard, B. A., A. M., h. D., comes to Lehigh as Assistant Professor of Geology, afterwards Head of the Department of Geology.

Nicholas Hunter Heck, L. U. '03, B. A., C. E., Sc. D., becomes a Lecturer at Lehigh on "Geophysics."

Professor J. P. Sell advanced from Assistant to Instructor in Biology.

Professor T. E. Jackson advanced from Assistant to Instructor in Mechanical Engineering.

Professor J. L. Clifford, A. B., B. S., M. A., comes to Lehigh as Instructor in English.

Mr. T. T. Holme, B. S. in M. E., comes to Lehigh as Instructor in Mechanical Engineering.

Professor J. G. Griffith, A. B., A. M., Ph. D., comes to Lehigh as Instructor in Chemistry.

William S. Lanterman, B. S., comes to Lehigh as Graduate Assistant in Physics.

Charles J. Moravec, B. A., comes to Lehigh as Assistant in Journalism.

Earl James Serfass, L. U. '33, comes to Lehigh as Assistant in Chemistry.

University Register comes out with paragraph under the heading of "Religious Observances", saying, "Voluntary devotional exercises are held at stated times in Packer Memorial Church" and stating that groups of students may arrange chapel programs in conformity with their accustomed modes of religious observance and worship. All under the general supervision of the chaplain.

The Robert W. Blake Memorial Prizes started, to be awarded on Founder's Day of each year to two freshmen enrolled in General Education, in the form of books. The prize committee being composed of Professors Palmer, Diamond and Hughes.

Officers of the Alumni Association:

President, S. J. Cort, '06.

Vice-Presidents, E. C. Ferriday, '95, and A. E. Buchanan, Jr., '18.

Treasurer, R. S. Taylor, '95.

Executive Secretary and Managing Editor of Lehigh Alumni Bulletin, William A. Cornelius, '89.

Assistant Secretary and Editor of Lehigh Alumni Bulletin, Robert F. Herrick, '34.

Archivist, A. A. Diefenderfer, '02.

Flowers at Memorial Tablet in Alumni Memorial Building and at base of trees along Memorial Drive. For the first time the Alumni Office placed a spray of flowers on Alumni Day at the tablet in the Memorial Building in memory of Alumni that made the "supreme sacrifice in the World War" and arranged for classes to place flowers at

the base of trees along memorial drive in memory of their classmates that lost their lives in the "World War." Placed in water containers to keep flowers fresh over "Alumni Day" weekend.

Several new Lehigh Clubs added. Old ones revived and large list of active Clubs in Lehigh's history.

University starts building Charles Russ Richards House, named after President Emeritus Richards. Expect to have it completed for occupation September, 1938.

University Sunday, June 13, 1937. Sermon preached by the Rt. Rev. F. W. Sterrett, Bishop of Bethlehem.

University Day, June 15, 1937. Address by Francis Pendleton Gaines, A. B., A. M., Ph. D., Litt. D., LL. D., of Lexington, Va., President of Washington and Lee University.

Founder's Day, October 6, 1937. Address by Albert G. Rau, L. U. '88, Dean of Moravian College and Theological Seminary.

Honorary Degrees conferred:

Doctor of Science

George Hall Ashley, State Geologist of Pennsylvania, and William Jacob Robbins, Dean of the Graduate School, University of Missouri.

Doctor of Engineering

Charles D. Marshall, L. U. '88, Chairman of the Board of The Koppers Company.

Hardy Cross

Ervin George Bailey, Vice-President Babcock and Wilcox Company.

Doctor of Laws

Levering Tyson, President of Muhlenberg College.

Largest enrollment in history, 621 freshmen: divided, 436 in Engineering, 122 in Business Administration and 63 in Arts and Science. 1759 students and including Graduate School and Summer Session 2050 in all.

Students from fourteen foreign countries and thirty-two different states of the U. S. A.

Cornelius, as Alumni Secretary, got out a most complete and up-to-date "Directory of the Alumni, Students and Faculty of Lehigh University", the last to be published to date (1944). It was bound for the first time in an attractive brown cover with white lettering. The University furnished the funds for publishing it and the Alumni Office did the work without taking on any additional help. It was furnished free to faculty and alumni who had paid their dues; sold to others at \$1.00 a copy.

Academic Year 1938-1939

Howard Hale McClintic, L. U. '88, University Trustee, dies August 5, 1938, and E. F. Johnson, '07, is elected a Corporate Trustee.

A. E. Buchanan '18, is elected Trustee by the Alumni Association.

J. I. Kirkpatrick, L. U. '29, comes as Assistant to the President.

A. C. Dodson is added to E. F. Johnson's Committee on Endowment.

Dean McConn leaves to go to New York University. Wray Congdon is made Dean of Undergraduates. Smiley becomes Director of Admissions and Charles A. Seidle comes as his Assistant.

A wonderfully complete list of University Faculty appears in the register giving the various degrees held by each and the college where degree was acquired.

President Williams divides the University under head of four colleges and appoints Deans to head each college:

P. M. Palmer, Dean of the College of Arts and Science.

Neil Carothers, Dean of the College of Business Administration.

Bradley Stoughton, Dean of the College of Engineering.

Tomlinson Fort, Dean of the Graduate School.

Dr. H. M. Ullman is made Professor Emeritus of Chemistry, C. S. Fox, Professor Emeritus of Romance Languages, and J. H. Ogburn, Professor Emeritus of Mathematics and Astronomy.

Albert Brodhead, '88, dies and leaves large amount of Bethlehem Real estate to Lehigh and Edward A. Hower is made University Manager of Realty, Brodhead Estate.

Professor Hale Sutherland in addition to his other duties is made Director of the Fritz Engineering Laboratory and Professor Bruce G. Johnston his assistant.

Aadms leaves to accept another position and Paul Short takes his place as Assistant Director of Athletics, Freshman Baseball Coach, Assistant Football Coach, Assistant Wrestling Coach, and Manager of Ticket Sales.

The John R. Wagner Award is established by the widow of John R. Wagner, L. U. '85, in memory of her husband. Sum of \$15.00 awarded each Founder's Day to the junior student in mechanical engineering whose scholastic record is the highest in his class in the freshman and sophomore years.

Officers of the Alumni Association:

President, Floyd W. Parsons, '02.

Vice-Presidents, R. G. Johnson, '04, and J. J. Shipherd, '21.

Treasurer, R. S. Taylor, '95.

Executive Secretary and Managing Editor of Lehigh Alumni Bulletin, William A. Cornelius, '89.

Assistant Secretary and Editor of Lehigh Alumni Bulletin, Robert F. Herrick, '34.

Archivist, A. A. Diefenderfer, '02.

Alumni Home-Coming revived. "Billy" Cornelius, Executive Secretary, revives Alumni Home-Coming Day, October 15, 1938, along new lines. Smoker the night before at the Bethlehem Club and sectional conferences at the University in the morning of the 15th under the di-

rection of the Deans of the three schools. Dean Palmer writes for the Bulletin, "Billy Cornelius plays hunches. Last year he announced an alumni banquet at which the three deans were scheduled to speak. We all said it could not be done. We all were wrong. This fall he told us we were going to have college conferences on Home-Coming Day. We said it could not be done, but it was. Perhaps his intuitive knowledge of how Lehigh men will react accounts for his uncanny perspicacity."

Really now the fellows coming back on Home Coming Day begin to rival in attendance Alumni Day. A new feature is the honor class the one celebrating fifty years since they entered college as freshmen. Getting all kinds of special attention.

Second year of raising fund towards paying for Ullman Wing of Chemistry Laboratory continued under the direction of A. C. Dodson, Chairman, and Cornelius was able to report at the Alumni meeting that \$121,614.96 had been raised in the two years from the alumni. Once more the \$100,000.00 promised had been paid over to the University. However it was found that \$150,000 total was needed and the Alumni Association voted to take on the extra fifty and continue the campaign an extra year.

University Sunday, June 12, 1938. Sermon preached by Chaplain C. G. Beardslee.

University Day, June 14, 1938. Address by Douglas Southall Freeman, Ph. D., LL. D., Litt. D., Editor of *The News Leader*, Richmond, Va.

Founder's Day, October 5, 1938. Address by Julian Lowell Coolidge, A. B., B. Sc., Ph. D., Professor of Mathematics, Harvard University.

President Williams, William A. Cornelius, '89, and Franc Burnett, '39, make pilgrimage to Asa Packer's grave in Mauch Chunk to place a wreath on his grave.

The Roy R. Horner Research Fellowship in Metallurgy and Inorganic Chemistry established from a bequest from Roy R. Horner, '99, (given as '89 in Register 1938-1939 but that is incorrect). Stipend \$600.00.

Honorary Degrees conferred:

Doctor of Engineering

Lewis Warrington Baldwin, President of the Missouri-Pacific Railroad.

William Carter Dickerman, President of the American Locomotive Company.

Edward Miall Durham, Jr., Chief Executive Officer of the Chicago, Rock Island and Pacific Railroad.

Henry Winram Dickinson, Keeper of the New Kensington Museum.

Doctor of Science

Floyd Parker Richtmyer, Dean of the Graduate School, Cornell University.

Julian Lowell Coolidge, Professor of Mathematics, Harvard University.

Paul Dyer Merica, Vice-President of the International Nickel Company.

Large enrollment, 1867. Divided, 640 freshmen, 493 sophomores, 401 juniors and 329 seniors. In freshman class, 429 in College of Engineering, 140 in the College of Business Administration and 71 in the College of Arts and Science. With graduate students and summer school 2177 in all.

Academic Year 1939-1940

Charles M. Schwab, member of the Board of Trustees, dies September 18, 1939, and Albert Nathaniel Williams, President of the Lehigh Valley Railroad, is elected to fill vacancy on the Board. Aubrey Weymouth, '94, dies July 27, 1939, and A. C. Dodson is elected a Corporate Trustee.

Alexander Potter, '90, retires by rotation and Frank Anderson Merrick, '91, is elected by the Alumni Association a Trustee. Term expiring 1945.

William J. Turner takes Weymouth's place on Executive Committee of Trustees, and A. C. Dodson takes his place on the Committee on Buildings and Grounds.

C. M. Schwab's place not filled on Finance and Investment Committee, composed of S. D. Warriner, Chairman, and William J. Turner.

Professor Emeritus Charles S. Fox dies July 5, 1939, and Professor V. S. Babasinian, Professor of Organic Chemistry, dies May 24, 1939.

Professors listed in Register alphabetically for the first time.

Professor S. S. Seyfert, Head of the Department of Electrical Engineering, dies December 11, 1939.

Thaddeus Merriman, '97, Lecturer on Hydraulic Engineering, dies September 26, 1939.

Professor Stoughton's work is lightened. A. C. Callen, L. U. '09, comes from the University of Illinois as Dean of the College of Engineering.

Dr. K. S. Peters dies February 10, 1939, and Dr. C. O. Keck takes his place as Assistant Director of Students' Health Service.

"Bosey Reiter Cup" Committee appears for the first time in the Register among the Standing Committees.

The Natt Morrill Emery Scholarship, established by an alumnus and former student of Dr. Emery's, to graduate of Richmond, Virginia, high schools, to be awarded by Lehigh University every four years from

1940 to 1956. The boy being selected by the Richmond school authorities, who during his scholastic career has exemplified in character and conduct the qualities of loyalty and ability which marked the services of Dr. Emery to Lehigh University.

Three new Prizes: American Society of Mechanical Engineers Junior Membership Prize given by the Anthracite-Lehigh Valley Section; American Chemical Society Award from the Lehigh Valley Section; and American Institute of Chemists Medal.

Alumni Association Officers:

President, Clifford F. Lincoln, '11.

Vice-presidents, Charles O. Wood, '92, and David M. Petty, '09.

Treasurer, R. S. Taylor, '95.

Executive Secretary and Managing Editor of Lehigh Alumni Bulletin, William A. Cornelius, '89.

Assistant Secretary and Editor of Lehigh Alumni Bulletin, Robert F. Herrick, '34.

Archivist, S. S. Seyfert, '04.

The Council of Class Agents. "Billy" Cornelius seeing the necessity of reaching more of the alumni, decided on organization of the Council of "Class Agents" along lines successful in some other colleges and started out the plan the night before Alumni Home Coming Day, Friday, November 24, 1939. The Alumni Association, at the Bethlehem Club, was host to Class Agents, representing every class from the first today of the gathering. Okeson remarked, "This is the finest cross section of the Alumni that has ever been gathered together and should go places for Lehigh." Meeting was followed by smoker under auspices of the Home Club. The usual conferences were held the following morning conducted by the Deans of the three schools and the Lehigh-Lafayette game in the afternoon. The fraternities cooperating finely in making Alumni Home Coming Day as a time for their alumni to come back to visit the chapter and doing great work in lawn decorations in connection with the football contest.

Final report at alumni meeting, 1939, on Fund for building the Harry M. Ullmann Wing to the Chemistry wing showed \$146,409.53 as a total against the \$150,000.00 promised and as the goal was so near in sight the campaign was declared closed, and as more or less strenuous campaigns had been conducted during the last five years the Alumni Association decided for the year 1940 there would be no organized campaign, but, of course, the Fund would always be open for gifts to Lehigh.

Home Club reorganized. Younger men taking hold. First big affair planned was the "Bosey Reiter" dinner at the Hotel Bethlehem. Portrait of Bosey unveiled, smaller framed copy of portrait presented to Mrs. Reiter. Fine affair.

At the alumni meeting, 1939, President Williams at the close of his

remarks said, "I have one more thing to say. I am very happy to announce that voluntarily and without any solicitation at all Mr. E. G. Grace, of the class of 1899, is providing the money for this Recreation Center." He got no further for the gathering rose as one man and applauded Grace to the echo.

For the first time in the history of Lehigh the Graduation Exercises were held out of doors and the weather-man was good to the class of 1939 for the day was perfect and hundreds upon hundreds gathered to witness the exercises.

At the alumni meeting Okeson praised the class of 1938, stating 94 members had paid their first premium on a two hundred and fifty dollar twenty year endowment insurance policy which specifies Lehigh University as beneficiary and already the class of 1939 has adopted a similar plan and at the close of the alumni meeting 80 had already made their first payment. In consideration of the gift from members of these classes the Alumni Association declares that their dues and Bulletin subscriptions are paid for ten years. The University in consideration of their being the beneficiary will take care of payment to the Alumni Association for their dues and subscriptions to the Bulletin at a special group price.

University Sunday, June 11, 1939, preached by Chaplain Rev. C. G. Beardslee.

University Day, June 13, 1939. Address by Francis Bowes Sayre, S. J. D., LL. D., Assistant Secretary of State, Washington, D. C.

Founder's Day, October 4, 1939. Address by Dean A. C. Callen.

Dean's List. First announced in Register. Composed of the junior and senior classes who have maintained an average of 3.00 or better for previous semester.

The Katherine Comstock Thorne Fellowship in Biology established by the late Gordon Comstock Thorne of the class of 1916 in memory of his mother. Stipend \$500.00.

Two new Industrial Research Fellowships: Silver Research Committee Fellowship for research in uses of silver salts, and Corn Products Refining Company Research Fellowship in Leather Technology.

Honorary Degrees conferred:

Doctor of Engineering

Dexter Simpson Kimball, Dean Emeritus, College of Engineering, Cornell University.

Curtis Hussey Veeder, Director of Veeder-Root, Inc., Hartford, Connecticut.

Comfort Avery Adams, Consulting Engineer, E. G. Budd Company.

Doctor of Laws

Yen Te-Ching, L. U. '01. Ceremony April 8, 1939, by Chiao-Tung University, China.

Charles Elmer Lawall, L. U. '14, President, West Virginia University.

Doctor of Humane Letters

Thomas Jefferson Wertebaker, Edwards Professor of American History, Princeton University.

Enrollment keeps up: 386 seniors, 394 juniors, 516 sophomores and 532 freshmen, total 1834, which with 193 graduate students and 642 in summer session makes a grand total of 2149.

Alumni Student Grants started as a result of the campaign started by Floyd Parsons, '02, while he was President of the Alumni Association, academic years 1938-1939, and put into shape by his successor, Cliff Lincoln, '11, President 1939-1940. Committee in charge Nevin E. Funk, '05, Chairman, Robert Farnham, '99, Floyd Parsons, '02, A. V. Bodine, '15 and William A. Corselius, '89, ex-officio. Item "Student Grants" is included, along with dues, subscriptions to Bulletin and Gift to Lehigh in the September billing to Alumni.

Under the leadership of Hrs. Dave Petty the plan of women's dinner was completely reorganized. The resident wives of reunion classes forming a committee to welcome the wives from out of town, which with wivs of faculty and of home alumni, made a fine gathering. Welcomed during the evening by President Williams and Billy Cornelius, Alumni Executive Secretary. After their dinner they adjourned to the gallery and "looked down" on their husbands.

Vacancy on Board of Trustees caused by the death of C. M. Schwab is filled by election of Thomas Sovereign Gates, Jr.

Robert Farnham, '99, retires by rotation and Walter S. Landis, '02, is elected a trustee. Term expiring 1946.

On August 1, 1940, at a special meeting of the Board of Directors of the Alumni Association held in Pittsburgh, William A. Cornelius, '89, tendered his resignation as Executive Secretary of the Alumni Association and Managing Editor of the Alumni Bulletin. President Williams appointed him Secretary of the General Committee in charge of the celebration (October 3, 4, and 5, 1941) of the 75th Anniversary of the Founding of the Lehigh University and arranged an office for him, Room 301 in the Library. The 1940 November Bulletin carries a characteristic picture of "Billy" with tribute editorial on pages 13 and 19. Spending most of his time now gathering and putting down from memory "High Lights of Lehigh's History." Bulletin states "Entering Lehigh when he was only 19 years old he has been close to and prominently identified with the amazing growth of his Alma Mater through its most vital years of development."

Dean Callen with large committees of faculty, alumni, student body and representatives of University Trustees has general charge of celebration and planning programs.

Officers of the Alumni Association:

President, A. V. Bodine, '15.

Vice-Presidents, George S. Baton, '94, and Walter F. Perkins, '13.

Treasurer, R. S. Taylor, '95.

Acting Secretary and Editor of Alumni Bulletin, Robert F. Her-
rick, '34.

Archivist, Howard Eckfeldt, '95.

50 Year Plus Club. "Billy" Cornelius conceives the idea of a "50 Year Plus Club" to take in all alumni whose classes had already celebrated their 50th reunion. It went off with a bang. Only disappointment was that on account of illness George McMullen, class of '70, oldest living Lehigh man could not be present but Julian Petee, '77, was there with representatives from classes '77 to '89. Sat together at alumni dinner. The big event was dinner given at his home Saturday night by C. A. Buck, '87. Arch Johnston, '89, was elected President and "Billy" Cornelius, Secretary, and classes '87, '88, '89 and '90 it was decided would plan affairs for 1941 reunion.

Henry Sturgis Drinker House completed September, 1940, housing 126 students, erected with University funds.

University Sunday, June 9, 1940. Sermon preached by Rev. Wallace J. Gardner, D. D., Bishop of Trenton, N. J.

University Day, June 10, 1940. Address by Henry Woodburn Chase, Ph. D., LL. D., Chancellor of New York University.

Founder's Day, October 2, 1940. Address by President C. C. Williams, C. E., Sc. D., Eng. D., LL. D.

Additional Industrial Research Fellowship: The Heat Exchange Institute Fellowship for research in the transfer of heat.

Honorary Degrees conferred:

Doctor of Engineering

Alexander Graham Christie, Professor of Mechanical Engineering, Johns Hopkins University.

Enrollment keeps up: 372 seniors, 419 juniors, 449 sophomores, and 526 freshmen, total 1770, and with 171 graduate students and 616 in summer school make a grand total of 2093.

Alumni Day. Fine weather over Friday and Saturday, Alumni Day, June 7. Largest gathering of alumni and friends on the campus in Lehigh's history. Over two thousand luncheons served on day of parade. Tickets used and accurate count made. Most colorful and largest parade ever held. Dave Petty, '09, donates flag to be awarded to class showing largest number of points, on costumes, etc. and percentage in parade. Committee awarded it to class of '90. Okeson's class, '95, won the Active Membership Cup.

At dinner Friday night Bosey Reiter's portrait was unveiled, gift of Bosey's friends to the University. Accepted by E. G. Grace, '99, who at the same time paid a fine tribute to "Bosey." Likely to be hung in Grace Hall.

Mrs. Robert S. Taylor, Jr. headed the committee assisted by Mrs. Petty in charge of women's dinner Friday night, June 6.

Ball game not scheduled and alumni joined with the seniors in helping with the Class Day exercises. At the close the entire throng standing and singing the Alma Mater. Fine cooperation between seniors and alumni and large number of seniors in cap and gown joined in the parade.

The distinguished guest introduced at Alumni Dinner was Thomas Leighton, '21, who came all the way from Cuba. Class of '90 won the cup for the best percentage in attendance.

Epitome Board honor "Billy" Cornelius with picture of him and tribute in the front of their 1940 issue.

Academic Year 1940-1941

Professor Reiter becomes Professor Emeritus.

Loyal V. Bewley, B. S., M. S., comes as Professor and Head of the Department of Electrical Engineering.

Henry Sturgis Drinker House completed September, 1940.

Corner-stone laid for Eugene Gifford Grace Hall, the gift of Eugene Gifford Grac, Lehigh '99, President of the Board of Trustees.

"The Berger Room" in the gymnasium equipped by S. E. Berger, B. A., '89.

Armory remodeled as a dining hall and renamed Lamberton Hall.

Hydraulics laboratory refitted.

Engineering Defense Training classes conducted in cooperation with the Federal Office of Education.

Psi Upsilon property annexed to the University by grant.

The Alexander Potter Fund established by the will of Alexander Potter, C. E., '90.

The Murtha P. Quinn Scholarship Fund established by the will of M. P. Quinn.

A research fellowship in Metallurgy established by John H. Frye, Sr.

The Heat Exchange Institute Fellowship established for research in the transfer of heat.

On August 1, 1940, William A. Cornelius, '89 tendered his resignation as Executive Secretary of the Alumni Association and Managing Editor of the Alumni Bulletin.

Officers of the Alumni Association:

President, A. V. Bodine, '15.

Treasurer, R. S. Taylor, '95.

Acting Secretary and Editor of Alumni Bulletin, Robert F. Herrick, '34.

October 3, 4, 5, 1941, celebration of the seventy-fifth anniversary of the founding of the University. Dedication of Grace Hall, Lamberton Hall, and the Berger Room in the Taylor Gymnasium.

Addition to the staff:

Loyal V. Bewley, B. S., M. S., Professor of Electrical Engineering.
Henry Sturgis Drinker House completed September, 1940.

Corner-stone laid for Eugene Gifford Grace Hall, the gift of Eugene Gifford Grace, Lehigh '99, President of the Board of Trustees.

The Berger Room in the gymnasium equipped by S. E. Berger, B. A. '89, completed.

Lockers placed on balcony in Taylor Gymnasium.

Hydraulics Laboratory partially refitted.

Engineering Defense Training classes conducted in cooperation with the Federal Office of Education.

Lambda Mu Sigma, professional marketing society, established.

The Lehigh Bachelor commenced publication.

Portions of herman and Grant Streets within the campus south of Grace Hall vacated by city ordinance.

Taylor Street widened and rebuilt in front of Grace Hall.

Connecting drive from Grant Street to University Avenue constructed.

Property known as 402-204 and 414-416 Grant Street purchased.

Upper athletic field and track rebuilt and modernized.

Old assaying laboratory in Chemistry Building remodeled and north half of chemistry museum converted to other uses.

Academic Year 1941-1942

President Emeritus Richards, President of the University from 1922-1935, dies during night of April 17, 1941, at his home in Minneapolis, Minnesota, after lingering illness since retirement. Buried from Memorial Chapel at the University at 3:00 p. m., Saturday, April 19. Flag on The Flag Pole hung at "half-mast". Interment in his lot at Nisky Hill Cemetery, Bethlehem.

Lehigh Trustees hold meeting Saturday, April 19. Boley Reiter retires, coming under Carnegie pension.

"Alumni Day" doings June 1941. Capitalized on its being 75th anniversary year and got back a large gathering. Alumni dinner Friday night, crowd filling the ballroom of Hotel Bethlehem to capacity. The women having their dinner in the Fountain Room. Many took advantage of Home Club Smoker at Bethlehem Club following the dinner. Class of '91, along with "50 Year Plus Club," were honored as guests. Fine talks by Grace, '99, Tom Girdler, '01, Okeson, '95. Dal Wilson, '01, and Dickerman '96. Unveiling of portrait of Walter Okeson, '95.

At Alumni Meeting Saturday morning President Williams reported on the "Health of the University."

Bodine, '15, acted as master of ceremonies at the alumni dinner and made the presentation of the portrait of Dr. Grace which was accepted by President Williams.

Tellers at alumni meeting announced new officers elected for 1941-42 were Hartzog, '04, President; Root, '06, and Wolcott, '18, Vice-Presidents; and Bodine, '15, Alumnus Trustee.

A. E. Lee, Jr. class of '41 reported 136 already signed up on the insurance plan.

Capt. Posheng Yen for his uncle Yen Te Ching, '01, presented collection of fine illustrated Chinese books accepted by President Williams.

Class of 1911 won the "Petty" parade flag.

Baccalaureate sermon, Sunday a. m., preached by Rev. Ze Barney T. Phillips, Chaplain of the U. S. Senate.

Robert F. Herrick advanced from Acting Executive Secretary of the Alumni Association to Executive Secretary. Herrick reported job too much for one man and asked for help and was granted permission to appoint an editor to take over the Bulletin and later selected Leonard Schick, L. U. '37, to start work September 1.

Council of Class Agents under C. L. T. Edwards, '13, made a good report and ready for action in the fall.

What a gathering we had the weekend of October 3, 4 and 5, 1941, celebrating the 75th anniversary of the founding of the University. The campus was filled with returning Alumni, students and faculty and Bethlehemites with friends of Lehigh from all about. Hotels in Bethlehem were crowded to capacity and everyone was ready "to take his hat off to Lehigh". The Alumni Bulletin, in the October and November issues, published the following articles on the celebration, local papers covered it and mention was made of it in papers all over the country.

THE 75th ANNIVERSARY

In 1865, a little group of prominent Lehigh Valley men gathered around a conference table at the Sun Inn in Bethlehem to hear a plan outlined by one Judge Asa Packer of Mauch Chunk. On February 7, 1866, they learned that their efforts had been recognized by the State of Pennsylvania and Lehigh University had become incorporated for all time.

Turning these events over in his mind three-quarters of a century later, Clement C. Williams, seventh president of the University, planned for a suitable ceremony which would mark a phenomenal 75 years of growth. It hardly seemed appropriate at the Diamond Anniversary mark to undertake the type of program that has recently been conducted by such colleges as Harvard and Pennsylvania. Obviously a more private "birthday party" would be the best thing, with the more pretentious program being reserved for the centennial mark.

After almost a year of committee work, largely headed by Dean A.

C. Callen of the college of engineering, the program was announced and, on October 3, 4 and 5 there will be held on the campus one of the most important series of events in Lehigh's period of existence.

From the alumni point of view it is especially interesting that three important dedications, directly an outgrowth of their work, will be made possible during the week-end of activities. First among these is the magnificent \$300,000 Eugene Gifford Grace hall, the gift of Dr. E. G. Grace of the class of '99, the second the completely remodeled dining hall named for Robert A. Lamberton, third president of the University, and gift of all participating Alumni, and finally the Samuel E. Berger room in the Taylor gymnasium, which is an outgrowth of the \$7,500 gift by S. E. Berger, '89, of Germantown.

For that matter, alumni will have their own program on Saturday morning at 10:30, when members of the department of business administration, under the joint sponsorship of the Alumni of the business college and the Alumni Association present a forum on current economic problems. Under the chairmanship of Prof. Roy B. Cowin, head of the department of accounting, speakers will discuss economic problems of vital importance today. First of these will be Dr. Elmer C. Bratt, professor of economics, who has chosen the topic, "Can Prices Be Controlled?". Dr. Herbert M. Diamond, head of the department of economics and sociology, will discuss "Effects of Liberal Government Policies on Labor," while Dr. Neil Carothers, dean of the college of business administration, will speak on the subject, "Post War Economics."

The program arranged specifically by the University will begin on Friday, October 3, Founder's Day, at 10:30, when a Founder's Day Convocation will be held in the new Eugene Gifford Grace hall. The Founder's Day address will be given by Dr. William Mather Lewis, president of Lafayette College and will be followed by the conferring of degrees. This year an unusually large number of honorary degrees will be presented, as none were conferred at the Baccalaureate exercises in June. Announcement of these degrees will be made in the subsequent issue of the Alumni Bulletin.

After a 12:30 luncheon for special guests of the University to be held at the Saucon Valley Country Club. A symposium is planned for 2:30 under the title, "Seventy-five Years of Progress" under the chairmanship of Henry Butler Allen, director of the Franklin Institute. This session will be held in Packard Laboratory auditorium.

Covering three fields vital to Lehigh University the first of the papers will interpret 75 years of progress in the fields of science and technology and will be given by Dr. W. E. Wickenden, president of the Case School of Applied Science. Dr. W. E. Hotchkiss, professor of social relations at the Carnegie Institute of Technology, will discuss the same subject from a business point of view while Dr. Francis B. Haas, super-

intendent of public instruction for the State of Pennsylvania, will outline developments in education over the same period. The symposium will be followed at 4:30 by a tea for special guests of the University at the president's home.

On Friday evening at 7 p. m. Dr. Raymond Walters, '07, president of the University of Cincinnati, and one of Lehigh's most prominent alumni in the educational field, will act as toastmaster at a subscription dinner which will include addresses by Dr. Williams, president of the University, Dr. Robert C. Clothier, president of Rutgers University; Dr. Levering Tyson, president of Muhlenberg College; Herbert J. Hartzog, president of the Lehigh Alumni Association; Robert S. Taylor, '95, representing the native residents of Bethlehem and Dr. E. G. Grace, '99, president of the Board of Trustees. The affair will be formal and the tickets \$2.00. Reservations may be made through the Alumni office.

Saturday, dedicated generally to alumni affairs, will see the dedication of Lamberton hall, the Berger room and Eugene Gifford Grace hall at 9:30 at the various sites. At 10:30 three events will vie for the interest of alumni. First of these is the alumni advisory council of the college of arts and sciences, open to council members, at Drown Memorial hall. Secondly, the alumni forum on current economic problems, previously mentioned, and finally the meeting of the Board of Trustees of the University which will be held in the Faculty room of the Alumni Memorial building. No further events are scheduled until 2 o'clock when a football game will be held between Lehigh and Case School of Applied Science. Reservations for the football game may be made direct to Paul Short, assistant director of athletics, at Taylor gymnasium. Reserved seats will be on sale at both \$1.00 and \$1.50.

Evening activities will open with a University reception to be held in Grace hall at 8 p. m., to be followed by the Engineers' Ball, sponsored by Pi Tau Sigma, in the same building, with music supplied by Sonny Dunham and his orchestra. All alumni are invited to attend this informal dance.

The only event scheduled for Sunday, October 5, is a convocation of gratitude and thanksgiving scheduled for 11 a. m. in Packer Memorial church with the Rev. Dr. John Haynes Holmes, pastor of the Community church of New York, as the speaker.

Alumni, invited to all events of the three-day period, will find an exhibit of materials pertaining to Asa Packer and the City of Bethlehem in the Treasure room of the University library. It is particularly fitting that Lehigh should participate in the celebration of the 200th anniversary of the founding of Bethlehem which is also being observed this year. In the art gallery will be paintings by both Kenneth Frazier, '87, and John Z. Miller, '91. Mr. Miller presented the latter painting to the University on the occasion of the 50th anniversary of his class last June.

Seventy-five years after Judge Asa Packer pointed to a wooded hillside in South Bethlehem and announced a desire to found Lehigh University, President C. C. Williams, on October 3, 1941, stepped before a microphone in Eugene Gifford Grace Hall.

"This morning's assembly in this beautiful new building," he said, and the echo returned his words from far corners, "in addition to being the annual Founder's Day convocation, is the first session of the celebration of the 75th anniversary of the founding, the diamond jubilee of the university."

Before him hundreds of faculty members, visiting dignitaries, colorful in hoods of high academic degrees, and guests were flanked in the spacious galleries by 1,200 Lehigh students. Behind him were those who, on this distinguished occasion were to be honored for their life achievement with a Lehigh degree. Through the sheer banks of windows came the gray light of a dismal October morning, cut by spotlights that picked out the gowned assembly below.

Then came the keynote. "If we do not take advantage of this occasion to round off a ringing statement relative to national obligations or to international aggressions, the omission does not signify insensitivity to their importance.

"Rather for this brief hour, let us withdraw our thoughts from the distressing scenes of political confusion and world tragedy . . . and reflect on the virtues of those forces of education in which lie our hope of light and healing."

Turning back to Lehigh's founding, President Williams traced the dream of a "frugal, private enterpriser and strict constructionist who deprecated any socialistic control of higher education," and who contributed both of his substance and experience in sending Lehigh on its way, concluding that "Lehigh stands today as a bulwark of independent education and a monument to Asa Packer's concept that an essence of sound social organization is individual ability and character."

Second speaker, suave, able William Mather Lewis, president of Lafayette who wore the Brown and White hood which signified his honorary Lehigh degree (Dr. William's maroon and white vestment was a like tribute) scouted the theory that the privately endowed college is not free; that its future is problematical and that in a period of rapidly increasing government domination it may entirely disappear.

After praising the bonds of friendship between the sister institutions, aside from *one day in the football season*, Dr. Lewis quipped that in the Lehigh Valley, the degree LLD denoted Lehigh-Lafayette. Serious was his statement that ". . . the independent institutions train youth to meet the new industrial, social, and political problems of each epoch. They are neither reactionary nor static but forward-looking and mobile . . ."

"However," he reasoned, "if our private colleges insist upon main-

taining outmoded curricula, if they are timid and fearful in the face of crises which affect income and attendance, if they lower their standards, and admit the unprepared, if they are jealous and suspicious of each other and do not put the interests of higher education above institutional prosperity, then they will, as they should, ultimately cease to function."

Dr. Lewis retrospected on the past three-quarters of a century of Lehigh's existence particularly as it had to do with industrial development and with political and international situations.

Speaking in this vein he continued. "But above the shouts of the politician and the noise of battle there comes even more insistently the hum of machinery. The very turning of the wheels is a challenge to greater efficiency and economy; to more productive methods, to more accuracy, and to greater creative genius.

"The time has come," he declared dramatically, "for our educational forces to lead youth back to an understanding of those basic principles upon which civilization rests and which make for orderly existence."

Since Lehigh had withheld honorary degrees at its June commencement, guests anticipated a long distinguished list at the Founder's Day exercises . . . and were not disappointed. First of these, Henry S. Jacoby, '77, hale representative of Lehigh's oldest living alumni caught the fancy of the students, earned a sweeping round of applause as professor and author in the field of civil engineering. Now professor-emeritus of bridge engineering at Sornell, Dr. Jacoby is a past president of the Society for the Promotion of Engineering Education, and author or co-author of seven texts in his field.

The fastest known method of transportation—the airplane was responsible for the appearance of Tomas Rafeal Leighton, '21, who was awarded the Doctor of Engineering Degree in recognition of his educational work in Chile. Leaving his native land the last of September, Dr. Leighton flew northward in a clipper ship that arrived in time for him to reach the campus.

Head of the department of mining and metallurgy at the University of Chile since 1926, the handsome South American is a member of the American Mining and Metallurgical engineers, and a member and director of the Sociedad Nacional de Minería.

Although separated from Lehigh by miles of turbulent ocean and jungle, the honor conferred upon Dr. Leighton did not go unnoticed by his countrymen since the Hon. R. Michaels, Chilean Ambassador to the

United States was one of the many who applauded as President William's slipped the coveted hood over Dr. Leighton's head, and when the convocation ended, one of the first to offer congratulations.

The third alumnus to be honored for his achievements was Harvey E. Jordan, '03, dean of the University of Virginia Medical school, whose outstanding contributions to embryology and histology have not been forgotten by his alma mater. A faculty member at Virginia for 34 years, Dean Jordan taught at Lehigh and Cornell before moving south in 1907 and is the co-author of three books, as well as scores of scientific articles.

A rolling mill process that completely revolutionized cold-rolled steel production has brought fame to its inventor Abram P. Steckel, '99, but additional honors were heaped upon his sturdy frame when the degree of Doctor of Engineering was conferred by Lehigh's board of trustees. Dr. Steckel, always an active alumnus, perfected the Steckel Mill which is used in all major steel plants in this country and abroad. His invention which reduces the manufacturing time of steel sheets from three weeks to four days is also used in the manufacture of automobile frames, tin cans, and roofing material.

Tribute to the efforts and accomplishments of a non-college man who worked his way up from the bottom to the senior vice-presidency of one of America's largest engineering concerns was paid to James Smith Miller of the Lehigh-founded Dravo Corporation, when the Doctor of Engineering degree was presented to him. Long a leading figure in underwater construction Dr. Miller has perfected methods which were successfully applied to many large projects such as the San Francisco-Oakland bridge, and the Newport News submerged shipways.

The applause of the audience reverberated for many minutes through Grace Hall as courtly Igor I. Sikorsky, pioneer airplane designer and builder, graciously bowed his head in acknowledgment of his Doctor of Engineering degree. A native of Kiev, Russia, Dr. Sikorsky became an American citizen in 1928 and now heads the Sikorsky Aircraft Corporation.

Graduating from the Naval College at St. Petersburg in 1906, the famed designer became interested in aeronautics as a graduate instructor in technology at the University of Kiev, and a few years after the Wright brothers leaped into the headlines, he too was piloting a plane of his own design.

A graduate of Acadia College in tiny Nova Scotia, Roland D. Richardson, dean of the Graduate School of Brown University, has long been a prime mover in the field of graduate education, and as a result the

hood and diploma symbolical of the Doctor of Laws degree was awarded to him.

Copyreader, reporter, war correspondent, foreign correspondent, and now managing editor of the world's premier newspaper, the New York Times, Edwin L. James was the last to receive his degree, that of Doctor of Humane Letters. A graduate of Randolph-Macon, he has been associated with the newspaper profession all his life, and is famed for his lucid exposition of world events.

In the afternoon following a luncheon for special guests at the Saucan Valley Country club, a symposium marking seventy-five years of progress was held in Packard Auditorium.

Chairman Henry Allen Butler, director of the Franklin Institute, introduced the speakers . . . Dr. W. E. Wickenden, president of the Case School of Applied Science, Dr. W. E. Hotchkiss, who holds the Maurice Falk chair of social relations at the Carnegie Institute of Technology, and Dr Francis B. Haas, superintendent of public instruction in Pennsylvania.

Dr. Wickenden tracing the imprint that science and technology have made during the last 75 years upon common life and thought, described briefly the status of life and learning in the era when Lehigh was founded and said " . . . in the light of today, the science of 1866 was indeed a meager foundation for the new discipline of creative education."

Continuing the visiting president said "Democracy may seem to muddle and to grope, while autocracy visualizes its ends and shapes its instruments with startling foresight, but every now and then there are glimpses of some impelling force beneath the surface of events, some force growing unconsciously from common needs and strivings, and workings through homely channels, which is a surer guide to progress than any autocratic will.

In his address, Dr. Hotchkiss reviewed the parallel courses of educational and industrial advances during the past three-quarters of a century, and declared "Changing technology does not discriminate between public and private enterprise, and in both government and business it has had its counterpart in changing methods and relationships.

"Changes in the scope of business activity and in its internal structure have given rise to changed relationships between employer and employee, between buyer and seller, between producer and consumer, and between competing business concerns. The position of business in human society has been profoundly modified."

Dr. Haas, the final speaker, followed the theme developed by the preceding speakers and reiterated that the educational institutions in this country must continue to work in an effort to meet the ever changing conditions in the industrial and political fields.

As the life-sized portrait of Asa Packer watched from an honored position, Lehigh alumni and friends toasted the first seventy-five years of the University's progress at a formal dinner Friday evening, October 3, in the spacious ballroom of the Hotel Bethlehem.

The speakers' table artistically decorated in a brown and white color scheme, and flanked by both the American and University flags made an impressive background for the five speakers who lauded the University's record during the past three-quarters of a century.

After remnants of a sirloin banquet had been cleared, the lights dimmed, President C. C. Williams arose and solemnly offered a toast to the future of a Greater Lehigh—a toast drunk silently, not only by those present, but by all loyal Lehigh sons of the world over.

"In founding Lehigh," Dr. Williams began, "Asa Packer undertook a brave new idea. Whereas the existing universities at that time represented outgrowths from liberal arts colleges, Mr. Packer proposed a university that would begin with a college of technology and add cognate departments as the unfolding years might reveal their need. The result today is a limited university with first rate departments offering undergraduate courses over a wide range and graduate work at the doctoral level in certain departments having suitable facilities.

"Although Mr. Packer's idea was novel, it has proven sound in the test of time. There is no valid reason to suppose that a university developing from professional college should be less sensitive to the human and moral elements of civilization than one springing from blueblood classical background, since civilization has as many facets as life itself and no branch of learning has a monopoly on its understanding. . . . Indeed, I would venture to assert that a healthier social attitude will not be found on any campus in America than exists at Lehigh. . . .

As I look down the years ahead, and here the President's mind seemed to envision the glories to be, "I foresee Lehigh a limited University true to its tradition from the founder, seeking excellence, adjusting its curricula and procedures naturally to changing circumstances. There is no need to duplicate Harvards and Yales, even if possible, but there is now and will be indefinitely in the future, need for a Lehigh to provide instruction and research in the applicatory functions of knowledge with major emphasis on science and technology."

Continuing, Dr. Williams painted a word picture of the Greater Lehigh of tomorrow. "... Greater in educational effectiveness, greater in research and other forms of creative scholarship, greater in arts and in cultural opportunity, greater in its library, greater in its health service, greater in sports and recreation, greater in spiritual inspiration, greater in a faith in the dignity and importance of the individual in social organization, and greater in the riches of friendship. My toast is to a Greater Lehigh—not a larger Lehigh, but a more perfect Lehigh."

Poised, genial Raymond Walters, '07, president of the University of Cincinnati, presided as toastmaster, and in his inimitable manner described the banquet theme. "Tonight, we give ourselves to memories of Lehigh, to aspirations of Lehigh. We voice the love and loyalty for Lehigh which are in the hearts of all her sons.

"To analyze our affection for our Alma Mater," he continued, "may seem like pulling the petals off a flower. I shan't try that, but shall point out several elements which seem to account for the affection we feel. . . . On element in our devotion is honest appreciation of the substantial economic benefit she gave us to start. . . . a second is respect for her standards. Lehigh has always been a stern as well as loving mother. 'Passable' has never been the Lehigh code.

"The third element in our affection is beauty. When Asa Packer selected the site of the University he chose a spot of wooded mountain beauty. And today, as 75 years ago, the loveliness of the Lehigh campus in October's scarlet and gold, in January's snows, and in Spring's tender green steals into the hearts of her sons like magic."

"A responsibility recognized by all alumni who do not believe tuition pays for a diploma will continue to make Lehigh greater in the future" proclaimed the new president of the Alumni Association, dynamic Herbert J. Hartzog '04, following his introduction by toastmaster Walters. In his remarks the association head predicted that \$50,000 will be raised this year by the Alumni, and that the usage of the funds will not be restricted.

Robert S. Taylor, Sr., president of the First National Bank and Trust Co. representing the city of Bethlehem which celebrates its 200th birthday this year, recollected the ancient feuds between "town and gown" . . . in the days when students were "sissies" and the town boys "muckers"; days, years ago when every athletic contest ended in a fistic brawl; days long since gone to be lived again only in memory.

"Today", Mr. Taylor continued, "Lehigh has become an integral part of the community life, both social and educational. No longer does

the antagonistic feeling exist, but today local youths are thankful for the educational facilities offered by Lehigh."

Principal speaker, Eugene G. Grace '99, president of the Board of Trustees, astounded alumni and faculty as he hurled the admonition "Don't get 'swelled heads'" from his place on the rostrum. "The Lehigh faculty and those of other colleges," he warned, "can teach calculus, chemistry, civil engineering and the arts subjects, but are they teaching the essentials?"

"There must be something that we have missed," asserted one of the world's greatest industrialists, "Your educational methods have made us what we are, and if we fail, you've got to take a reasonable amount of the responsibility."

By this time the audience its composure regained, listened intently as Dr. Grace, shaking his clenched hands continued. "Something has failed in America, and if any category of education is responsible it must be in the fields that touch on diplomacy and economics . . . we've got to play the biggest role in our respective histories if the world is to be saved.

"I don't care what you are, isolationist or interventionist, you can't run away from our present world situation. We're in it, and it's a perfect mess . . . We've got to join up to do our part, to do what this country must do if civilization is to be saved. Don't go to sleep. France did . . ."

Agreeing with Dr. Grace that higher education must be charged with a definite responsibility in the present crisis and in the remaking of America and the world, which must follow the war, Dr. Levering Tyson, president of Muhlenberg College, and Dr. Robert C. Clothier, president of Rutgers University, both urged an immediate retrenchment in educational fields.

Representing the five sister colleges in the Lehigh Valley, Dr. Tyson urged, ". . . an onslaught on intolerance and selfishness," while Dr. Clothier, representing other colleges interested in Lehigh's welfare, declared, "we must regain the toughness of fibre of our forebears if this muddle is to be cleared."

A brilliant October sun pierced the colored foliage of South Mountain on Saturday morning of the Jubilee week end as friends of the University witnessed the dedication of three gifts totaling almost \$365,000—gifts dedicated to a Greater Lehigh by loyal alumni.

An indication that Lehigh was about to take another great stride forward impressed listeners as Herbert J. Hartzog, '04, president of the

Alumni Association, stood on the steps of the recently renovated Armory, and offered the \$55,000 building, renamed Lamberton Hall, to the University as a "Commons." Officially accepted for Lehigh by Earle F. Johnson '07, University trustee and head of the endowment committee. Lamberton Hall fills a long felt need on the campus.

Named for Robert A. Lamberton, famed Pennsylvania lawyer, soldier, and churchman, who as president, guided the destiny of Lehigh from 1880-1893, the building will accommodate 400 ravenous students. Cafeteria service has been instituted for breakfast and lunch, and waiter service for the evening meal. Three meals are served daily except on Sunday when there is no evening meal.

Remodeled through contributions of Alumni, the "Commons" has been designed in the style of a picturesque old English dining hall. A decorated ceiling, old oak beaming, trim and fixtures, as well as English oak furniture all harmonize to give the desired effect. A private dining room, seating 30 people, has been constructed in the north wing of the hall and will be used for society and club functions.

Other sections of the first floor include a cafeteria counter, manager's office, women's powder room, kitchen, scullery, and a workroom. A beautiful pine paneled dining room on the second floor seating 70 will be used as the faculty dining hall.

Led by the "Brown and White" uniformed band, playing a stirring march, alumni and friends marched down the campus to Taylor gymnasium where the Samuel E. Berger room was dedicated. Presented to the University by its donor, Samuel E. Berger '89, a retired school teacher, the room which is being constructed above the field house, will provide additional showers and sanitary facilities for 500 students.

Always a faithful son of Lehigh, Mr. Berger made possible the new addition by contributing \$100 for each year of Lehigh's existence, and as he stood on the site of his memorial, the donor spoke feelingly to the assembled students when he said, "Remember boys, for four years you need Lehigh; every year thereafter Lehigh needs you."

Mr. Berger's gift was formally accepted by Bishop Frank W. Sterrett a University trustee, who read the bronze plaque to be placed at the entrance of the room as a memorial to the donor's generosity.

"This is one of the greatest thrills of my life," declared Eugene G. Grace '99, as he stood at the entrance of the spacious new sports palestrabearing his name and officially offered it to his Alma Mater. The third gift to be dedicated the Eugene Gifford Grace Hall provides facilities for 3,200 spectators at collegiate basketball games and wrestling

meets, offices and drill space for the department of military science, and a huge ballroom for student dances.

"My purpose," the president of the Board of Trustees said, "in donating funds for this structure was to provide Lehigh students with a means of obtaining qualities that cannot be gleaned from textbooks . . . This building is to be used to foster fair play, courage, honor, and loyalty through sports; and health, poise, pleasure and friendship through recreation."

Accepted by Alan C. Dodson '00 a corporate trustee of Lehigh. The hall is already being used by the military department, which is housed on the top floor of the stone structure. With its knotty paneling, flush ceiling lights, and modern ventilation the new military headquarters gives the impression of being a well-ordered set of club rooms rather than a training center for future reserve officers of the United States Army.

The drill floor will double as a ballroom, and for the first time in many years, Lehigh students will be able to hold their proms on the campus, secure in the knowledge that there will be no crowding.

Two alcoves on the east wall of the armory will be used for the department's collection of military ordnance material.

This collection of infantry weapons includes nearly every type of rifle used by the United States Army since the Revolution, as well as many foreign weapons. Machine guns, automatic weapons, and types of ammunition used by various nations are also included in the display.

As this "Story" goes to print June, 1946, Lehigh has completed its *War-time* cycle. The enrollment is back to its "Old times high" some 2000 students. Most of them returned soldiers. No longer in uniform and clicking their heels together and marching from class room to class room, but "just as was." The Alumni Association planning for its "Victory Reunion" with the largest gathering of Lehigh men in Bethlehem in its history. Alumni Dinner, taxing capacity of Hotel Bethlehem. The old time Campus parades. Practically every class holding a re-union. Lehigh off to a new "Good Start." Dr. Martin D. Whitaker the new president at the helm.