



67
TOTAL NUMBER OF
CEE FACULTY & STAFF

5 PROFESSORS EMERITUS	12 ADMINISTRATIVE AND SUPPORT STAFF MEMBERS
14 RESEARCH SCIENTISTS AND POSTDOCS	14 TECHNICAL STAFF MEMBERS
22 PROFESSORS	

**U.S. NEWS
& WORLD
REPORT
RANKINGS**

22nd
BEST GRADUATE
PROGRAM FOR CIVIL
ENGINEERING
Published spring 2014

20th
BEST UNDERGRADUATE
PROGRAM FOR
CIVIL ENGINEERING
Published fall 2013

**DID
YOU
KNOW?**

Tau Beta Pi was
founded at
Lehigh in 1885.
It is the nation's
second-oldest
honor society.



**THE
2013 / 2014
GRADUATES**

82 MASTER'S DEGREES	26 B.S., ENVIRONMENTAL ENGINEERING
12 DOCTORAL DEGREES	5 INTERDISCIPLINARY DEGREES
15 M.S., STRUCTURAL ENGINEERING	42 GRADUATED WITH HONORS
23 M.S., ENVIRONMENTAL ENGINEERING	8 STUDENTS GRADUATED WITH >1 HONOR
7 M.S., CIVIL ENGINEERING	18 TAU BETA PI INDUCTEES
37 M.ENG., STRUCTURAL ENGINEERING	
113 BACHELOR'S DEGREES	
82 B.S., CIVIL ENGINEERING	



Twelve students graduated with their doctorates from the department of civil and environmental engineering between 2013 and 2014.

249
TOTAL STUDENT
CENSUS
FALL 2014

52 DOCTORAL STUDENTS
42 MASTER'S STUDENTS
155 UNDERGRADUATE STUDENTS

**RICLES HONORED FOR "SUBSTANTIAL
IMPACT" ON STEEL INDUSTRY**

James Ricles, the Bruce G. Johnston Professor of Structural Engineering, was recently awarded a special achievement award by the American Institute of Steel Construction (AISC) for his work related to the design of steel structures for earthquake loading, including moment-resisting connections and self-centering frames.

Ricles was one of eight top structural steel professionals recognized by AISC at the 2014 North American Steel Construction Conference in Toronto. The awards honor individuals who have accomplished notable achievements in

structural steel design, construction, research or education.

The AISC accolade is the latest recognition among many Ricles has received through the years, including the National Science Foundation Presidential Young Investigator Award (1991-1996); the NASA Research Fellowship Award (1990-1991); and an American Institute of Steel Construction National Fellowship (1987). In addition, between 1987 and 2003, Ricles won the James F. Lincoln Arc Welding Foundation Award for Arc Welded Design eight times.

Visit bit.ly/JRicles to learn more about Ricles and his work. ●



At the *NEES Lehigh Equipment Site*, Jim Ricles, left, and his graduate research assistants inspect a viscous damper after a laboratory seismic simulation. The researchers are developing performance-based design procedures for building dampers that reduce seismic damage and promote community resiliency to earthquakes.

FRANGOPOL, STUDENTS GARNER INTERNATIONAL ACCLAIM

Dan Frangopol, the Fazlur R. Khan Endowed Chair of Structural Engineering and Architecture and professor of civil engineering, has had an active 2014. Highlights of his prodigious year include:

» An honorary doctorate received June 5 from the Gheorghe Asachi Technical University of Iași (TUI) in Iași, Romania. The award cited Frangopol for "remarkable scientific merits [in] the development of civil engineering, especially in the field of structural engineering" and for contributing to the development of cooperation with the faculty of civil engineering from TUI. One of the country's top universities, TUI has the longest tradition of engineering education in Romania.

» An honorary professorship awarded May 13 from Dalian University of Technology (DUT) in Dalian, China. DUT is one of China's leading universities for engineering and applied science.

» The 2014 James R. Croes Medal awarded in October by the American Society of Civil Engineers (ASCE) to Frangopol; Sunyong Kim '11 Ph.D., his former doctoral student; and his current Ph.D. candidate Mohamed Soliman. The team won for their paper, "Generalized Probabilistic Framework for Optimum Inspection and Maintenance Planning," which was published in the March 2013 issue of the *Journal of Structural Engineering*.

The Croes Medal is one of the two most prestigious awards given by ASCE to one of more than 7,000 papers published by ASCE in all of its 34 journals in the preceding year. It was established in 1912 to recognize ASCE papers that make a definitive contribution to engineering science.

For more information about Dan Frangopol and his work, visit bit.ly/DFrangopol. ●

**32 ACHIEVEMENTS AND HONORS
EARNED IN 2013/14**

- | | |
|--|--|
| 1 ASCE-EMI BOARD OF GOVERNORS APPOINTMENT | 10 INVITED PLENARY KEYNOTES |
| 1 ASCE MEDAL | 1 LEHIGH AWARD FOR RESEARCH EXCELLENCE |
| 3 BOOKS CO-EDITED | 2 SIGNIFICANT JOURNAL PAPERS SELECTED BY THE SOCIETY OF NAVAL ARCHITECTS AND MARINE ENGINEERS (SNAMe) |
| 1 DISTINGUISHED VISITING SCIENTIST HONOR | 1 VICE PRESIDENCY OF THE INTERNATIONAL ASSOCIATION FOR STRUCTURAL SAFETY AND RELIABILITY (IASSAR) |
| 2 GUEST EDITORSHIPS | |
| 1 GUEST PROFESSORSHIP | |
| 1 HONORARY DOCTORATE | |
| 2 HONORARY PRESIDENCIES | |
| 3 HONORARY PROFESSORSHIPS | |
| 1 INAUGURAL FELLOWSHIP | |
| 2 INTERNATIONAL CONFERENCES CO-CHAIR | |

