OBITUARY

PAUL TORGERSON (1932-2015): VA. TECH LEADER, ASEE FELLOW

Paul Torgerson, an industrial engineer whose service as engineering dean and president of Virginia Tech helped the university become a leading research institution and achieve milestones in diversity, died March 29, 2015, at 83. During his 58 years as an educator, Torgerson was named a Fellow of ASEE and also served on the Journal of Engineering Education editorial board. Torgerson joined Virginia Tech as a professor and head of the Department of Industrial Engineering and Operations Research in January 1967 after seven years as an assistant professor and associate professor at Oklahoma State University. During his tenure as dean from 1970 to 1990, Virginia Tech's College of Engineering emerged from the bottom 10 percent in rankings for research to join the top 10 percent, according to an obituary published by the university.

Torgerson's presidency, from 1994 to 2000, saw a near-doubling of the university's endowment and "a dramatic increase in the effectiveness of fundraising," according to the obituary. U.S. News & World Report ranked the engineering school among the nation's top 50. At the same time, the university hired its first black vice president, responsible for multicultural affairs, and tapped women for the positions of senior vice president and provost, dean of the College of Architecture and Urban Studies, and head of the College of Human Resources and Education.

A native of New Jersey, Torgerson earned his bachelor's in industrial engineering from Lehigh University in 1953, followed by a master's in 1956 and a Ph.D. in 1959, both from Ohio State University.

Torgerson, who authored several books, was elected as a Fellow of ASEE in 1991. He was also a member of the National Academy of Engineering and the National Research Council, a Fellow in the Institute of Industrial Engineers, and 1992 Virginia Engineering Educator of the Year. He continued teaching at least one course a year until 2014.

A memorial service for Torgerson was held April 7.
How To Place An Ad

PLACING AN AD

You have the option of either submitting your ad electronically or sending it via e-mail to get a price quote. If you decide to submit your ad electronically, you will first have to create an account with ASEE, and it's free. Price quotes and confirming e-mails include the cost of your ad per month, though you may want to run your ad consecutively when choosing preferred publication month(s). If you have a question regarding this policy, please feel free to contact the advertising manager.

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Please contact Paula Whitley, Classified Advertising Manager, at (202) 331-3392 for dimensions of display and ad prices, or visit the classified advertising website at: http://www.asee.org/sales-and-marketing/advertising/classified-advertising/how-to-place-an-ad

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CLASSIFIED ADVERTISING DEADLINE

for the September 2015 issue

August 14, 2015

Deadline dates are subject to change and are posted on the web at: http://www.asee.org/sales-and-marketing/advertising/classified-advertising/deadlines

Please see website for updates.

FACULTY

TENURE AND TENURE-TRACK

MATHEMATICS/ENGINEERING

GENEVA COLLEGE (BEAVER FALLS, PA.) INVITES applications for a tenure track faculty position which will have dual responsibilities in Mathematics and Engineering. The candidate should be able to teach selected undergraduate mathematics courses, as well as selected engineering courses or labs, depending on faculty qualifications and departmental needs. The faculty position will be housed primarily in the Mathematics department, but will have teaching responsibilities assigned cooperatively and will have opportunities to contribute in both departments. The candidate must have an advanced degree, preferably a Ph.D., in either mathematics or engineering, with substantial qualifications in the second field as well. Geneva is an evangelical Christian college in the Reformed theological tradition. Faculty must be able to articulate a personal faith commitment to Jesus Christ and be supportive of a Reformed worldview. Women and members of ethnic minorities are encouraged to apply. A more complete description of the position, qualifications, required application materials, and application procedure are available online at www.geneva.edu/page/employment.

ELECTRICAL AND COMPUTER ENGINEERING

THE DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING (ECE) AT DUKE UNIVERSITY (DURHAM, N.C.), INVITES applications for an open-rank Professor of the Practice (PoP) position. We are seeking an innovative educator with teaching and research experience, particularly in computer engineering and in other fields of electrical engineering. This non-tenure-track, regular-rank position will serve as a primary instructor of core and elective courses in computer engineering and possibly other subjects taken by ECE students. PoP positions emphasize teaching excellence, as well as complementary scholarship through technical or educational research, external research funding, peer-reviewed conference and journal publications, and/or involvement in engineering education at the national or international level. Candidates must possess an earned doctorate in electrical or computer engineering or a related discipline, and have a demonstrated record of teaching excellence. Candidates with industry experience are encouraged to apply. Applications received by July 1, 2015 will receive fullest consideration. Duke University is an Equal Employment Opportunity/Affirmative Action employer. It welcomes applications from women and members of minority groups as well as others who would bring additional dimensions to the University's research and teaching missions. Applications must be submitted online at: https://academicjobsonline.org/ajo/jobs/5510.
THE GEORGE WASHINGTON UNIVERSITY  
WASHINGTON, D.C.

The George Washington University (Washington, D.C.), invites applications for the founding Director of the STEM Academy, a tenured Full Professor position with the exciting opportunity to lead a newly established interdisciplinary center for post-secondary STEM education and STEM education research beginning as early as Fall 2015, but with a flexible start date. The Academy brings together key stakeholders from across the STEM disciplines, as well as GW’s Graduate School of Education and Human Development, to use GW’s own classrooms as a laboratory for data-driven research into STEM education and pedagogy, and to engage students in improving their learning in STEM areas. The Director and additional hires will be supported by an existing group of nearly 30 faculty from the STEM disciplines and from the school of education, with active projects supported by several million dollars in STEM education grants.

The Director of the STEM Academy will be responsible for providing overall leadership for the Academy’s activities, and will report to the Provost’s office, while working with the Academy’s faculty and its faculty advisory board. The Director will be expected to teach undergraduate courses, demonstrating the use of their classroom as a laboratory for pedagogical experimentation, and to lead initiatives that bring effective pedagogies into STEM disciplines. Just as importantly, the Director will be expected to build teams that pursue STEM education funding, and establish GW as a national player in innovative STEM education practices. The Director will also represent the university’s interests in STEM education initiatives in the D.C. area. One of the proposed areas of focus of the Academy is to comprehensively rethink what quantitative skills are most useful, and how best to teach them, to students with different backgrounds and career goals. These include quantitative reasoning skills for STEM majors and non-majors, as well as specialized disciplines within engineering. Thus, the ideal applicant will also have a strong record of undergraduate teaching excellence and applying innovative pedagogies in courses that impart quantitative skills.

The successful applicant must have a Ph.D. in a STEM discipline (for example: engineering, computer science, mathematics, statistics, natural sciences), or a field related to STEM Education (such as engineering education, physics education research, mathematics education, or learning sciences). The successful applicant will also have a strong track record in applying for and obtaining STEM education funding, managing budgets, and serving in a leadership position. Such an applicant will also have strong interpersonal and collaboration skills appropriate to building teams and sustaining interdisciplinary activities. While the appointment is expected to be at the Full Professor level, exceptional candidates for the Associate Professor level will also be considered. For an appointment with tenure, candidates must demonstrate a research and teaching record commensurate to a tenured position at those ranks.

To apply, follow the instructions on the university’s job posting here: https://www.gwu.jobs/postings/26285. Inquiries sent to stemsearch@gwu.edu will be accorded the utmost discretion. Review of applications will begin on April 15, 2015 and will continue until the position is filled. Only complete applications will be considered. The university is an Equal Employment Opportunity/Affirmative Action employer that does not discriminate in any of its programs or activities on the basis of race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity or expression, or on any other basis prohibited by applicable law. Applications from women and underrepresented minority groups are strongly encouraged.
ASSISTANT PROFESSOR (Geotechnical Engineering), at CEE, University of Hawaii (Manoa), pending availability of funds, to begin on January 1, 2016.

UH-Manoa is a Carnegie doctoral university with a strong emphasis on research and graduate education. The Department offers B.S., M.S., and Ph.D. degrees, and its undergraduate program is ABET accredited. Current enrollment is approximately 350 undergraduate and 50 graduate students with 16 faculty members.

Duties: Teach courses in geotechnical engineering and related civil engineering courses; including engineering mechanics. Develop and teach advanced courses that have a sustainability theme in geotechnical engineering, such as energy geotechnics, material reuse and recycling, foundation rehabilitation and reuse, use of underground space, sustainable ground improvement, etc. The successful candidate must develop externally funded research that leads to publication in leading scholarly journals.

Minimum qualifications: Ph.D. in civil engineering or a closely related field and expertise in a research area related to sustainability in geotechnical engineering. The candidate must be qualified to teach graduate courses in geotechnical engineering and undergraduate courses in civil engineering. Candidates should have or be qualified to obtain a professional engineer’s license.

To apply: Visit http://www.eng.hawaii.edu/apply for submission instructions. For more information contact Dr. Panos Prevedouros at ppm@hawaii.edu.

ASSISTANT PROFESSOR (Transportation Engineering), at CEE, University of Hawaii, pending availability of funds, to begin on January 1, 2016.

UH-Manoa is a Carnegie doctoral university with a strong emphasis on research and graduate education. The department offers B.S., M.S., and Ph.D. degrees, and its undergraduate program is ABET accredited. Current enrollment is approximately 350 undergraduate and 50 graduate students with 16 faculty members.

Duties: Teach courses in transportation engineering and develop and teach advanced courses in transportation planning. These include courses with a focus on sustainability, risk analysis, and transportation demand forecasting for all modes of transportation including freight and methods for modeling the linkages of transportation, socioeconomic, land use, environmental, and ecological systems. The successful candidate must develop externally funded research that leads to publication in leading scholarly journals.

Minimum qualifications: An earned Ph.D. in civil engineering or a closely related field, and expertise in a research area related to sustainability in transportation engineering. The candidate must be qualified to teach graduate courses in transportation engineering and undergraduate courses in civil engineering. Candidates should have or be qualified to obtain a professional engineer’s license.

To apply: Visit http://www.eng.hawaii.edu/apply for submission instructions. For more information contact Dr. Panos Prevedouros at ppm@hawaii.edu.

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Duties: Teach courses in geotechnical engineering and related civil engineering courses; including engineering mechanics. Develop and teach advanced courses that have a sustainability theme in geotechnical engineering, such as energy geotechnics, material reuse and recycling, foundation rehabilitation and reuse, use of underground space, sustainable ground improvement, etc. The successful candidate must develop externally funded research that leads to publication in leading scholarly journals.

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CAMPUS SECURITY CRIME STATISTICS: For more about safety at Penn State, and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to http://www.police.psu.edu/clery/, which will also provide you with detail on how to request a hard copy of the Annual Security Report.

Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to minorities, women, veterans, disabled individuals, and other protected groups.