

**UNIVERSITY PROFESSOR JACOBO BIELAK
ELECTED TO THE NATIONAL ACADEMY OF ENGINEERING**



Jacobo Bielak

Congratulations to University Professor Jacobo Bielak on his election to the National Academy of Engineering (NAE). Bielak has been recognized for advancing knowledge and methods in earthquake engineering and in regional-scale seismic motion simulation. Bielak is also a member of the Mexican Academy of Engineering.

Bielak joined the civil and environmental engineering faculty in 1978 and received the honor of University Professor in 2009. He completed his undergraduate degree in civil engineering at the National University of Mexico, his M.S. in civil engineering at Rice University and his Ph.D in civil engineering at California Institute of Technology.

Election to the NAE is among the highest professional distinctions accorded to an engineer. Academy membership honors those who have made outstanding contributions to engineering research, practice or education. -A.F

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JAMES H. GARRETT, JR. AWARDED THOMAS LORD PROFESSORSHIP

James H. Garrett, Jr. has been awarded the Thomas Lord Professorship of Civil and Environmental Engineering. Garrett is currently head of the Department of Civil and Environmental Engineering, a top-ten program, where he has been a professor since 1990. He is also co-founder and Director of the

Center for Sensed Critical Infrastructure Research (CenSCIR).

Garrett is known for his work in developing formal models of codes and standards, and mobile hardware and software systems that collect and access information during construction management and bridge inspection processes. "This Professorship is a wonderful recognition of Jim's leadership as he continues to build and work with an innovative and multitalented department of civil and environmental engineers in a discipline that is poised to help solve some of the world's most challenging problems," said Pradeep K. Khosla, dean of the College of Engineering.

The Thomas Lord Professorships honor an educator whose work has had a profound impact on the university, his or her academic field and society. Garrett exemplifies this award not only because of his accomplishments in his field, but because of his long-standing ties to the university. He received his B.S. (1982), M.S. (1983) and Ph.D. (1986) in civil engineering all from Carnegie Mellon University and has received numerous awards stemming from his teaching and research. "I am grateful to be recognized by Carnegie Mellon with this professorship, and consider myself extremely fortunate to be able to work with such excellent colleagues and students in the Civil and Environmental Engineering Department and other departments at Carnegie Mellon. I have tremendously enjoyed being a faculty member here at Carnegie Mellon for almost 20 years," said Garrett. -R.B.



T.E. SCHLESINGER RECEIVES DAVID EDWARD SCHRAMM MEMORIAL PROFESSORSHIP

T.E. (Ed) Schlesinger, Professor and Head of the Department of Electrical and Computer Engineering, was awarded the David Edward Schramm Memorial Professorship.

A faculty member since 1985, Schlesinger is well regarded on campus and in his

field of study. With research interests in the areas of solid state electronic and optical devices, nanotechnology and information storage systems, he directs the DARPA Center for Memory Intensive Self-Configuring Integrated Circuits (MISCIC), was founding co-director of the GM Collaborative Research Lab at Carnegie Mellon and served as the Director of the Data Storage Systems Center at CMU. As an academic leader he has won awards for excellence in teaching and helped redefine the top ranked department's curriculum. Currently he is president of the board of directors of the Electrical and Computer Engineering Department Heads Association.

The David Edward Schramm Memorial Professorship was established by the late Charles and Benetta Schramm in loving honor of their son. While Charles earned a B.S. in mechanical engineering from CIT in 1942, the professorship resides in the College and not in any specific department.

Pradeep K. Khosla, dean of the College of Engineering, spoke highly of Schlesinger's merits for the award saying, "Professor Schlesinger brings solid leadership and a tireless innovative drive to both his administrative duties as ECE department head and as an outstanding researcher, and it is with great pride that we award this outstanding professorship." -R.B.

DZOMBAK AND MOURA NAMED UNIVERSITY PROFESSORS

David Dzombak and José M.F. Moura have been named University Professors, the highest academic honor Carnegie Mellon faculty members can attain. This title is awarded based on national or international recognition for research and other scholarly activities.

Dzombak is the Walter J. Blenko Sr. Professor of Civil and Environmental Engineering and the faculty director of the Steinbrenner Institute for Environmental Education and Research. He conducts research and teaches in the areas of water quality engineering, environmental remediation and energy-water nexus issues. A faculty member for more than 20 years, Dzombak has received many honors, including election into the National Academy of Engineering.

Moura, a professor in Electrical and Computer Engineering, is the Co-Director of the Center for Sensed Critical Infrastructure Research and the Director at Carnegie Mellon of the Information and Communications Technologies Institute (ICTI) that manages the CMU-Portugal Program, a joint venture between the Government of Portugal and CMU. Moura's research interests are in statistical signal and image processing and in the area of network science, with particular emphasis on distributed decision and inference in sensor networks. Moura is an Institute of Electrical and Electronics Engineers (IEEE) Fellow, an American Association for the Advancement of Science (AAAS) Fellow and a corresponding member of the Academia das Ciências of Portugal.



CIT Staff Awards

CELEBRATE THOSE WHO MAKE A DIFFERENCE

The College of Engineering is proud to announce that **Tom Nuhfer**, the director of Electron Microscopy and Materials Characterization in the Materials Science and Engineering department, received the 2010 Staff Recognition Award. This award honors staff members whose job performance and dedication to the operations of the College merit special recognition.

Chemical Engineering's **Shannon Young**, the graduate admissions coordinator, earned the Rookie Award. While Nuhfer has been with CIT for more than 40 years and Young less than two, both individuals demonstrate outstanding competence in their work. The College thanks Nuhfer, Young and the entire CIT staff for their commitment and professionalism, which plays a vital role in CIT's success.



Staff Recognition Award winner Tom Nuhfer and Rookie Award winner Shannon Young with Dean Khosla



25
years
of service



20
years
of service



15
years
of service



(Not Shown)
20 years: Stephen Hoffman, C.P. Yeski,
15 years: Loraine Nagy, Chris Zeise,
10 years: Lisa Currin, Roberta Kostyak
5 years: Anna Berta, William Courtright, Daniel Fassinger, Duncan Hutty, Susana Steppan, Darlene Zin

10
years
of service



5
years
of service

