

Georgia Tech Faculty and Staff Receive Recognition

Four Georgia Tech faculty members were named Fellows in the American Association for the Advancement of Science (AAAS). They are **Judith Curry**, chair of the School of Earth and Atmospheric Sciences; **Randall Engle**, chair of the School of Psychology; **Cheryl Leggon**, associate professor in the School of Public Policy, and **Rick Trebino**, Georgia Research Alliance Eminent Scholar in the School of Physics.

- Curry was recognized for her work on understanding the relationships between global climate change and hurricane intensity, and for contributions that led to an understanding of feedbacks in the Arctic system;
- Engle received the honor for his work in understanding the nature of working memory and individual differences;
- Leggon was recognized for advancing understanding in under-representation and for showcasing academic career pathways;
- Trebino received the honor for developing techniques and devices for measuring ultra-fast laser pulses.

Andres Garcia and **Robert Goldberg**, both associate professors in the Woodruff School of Mechanical Engineering, and **Rob Butera**, an associate professor in the School of

Electrical and Computer Engineering, have been named Fellows by the American Institute for Medical and Biological Engineering. The organization is an umbrella group of 14 bio/biomedical engineering societies.

For his sustained contributions to heat mass and radiation transfer, **Andrei Fedorov**, associate professor in the Woodruff School of Mechanical Engineering, received an American Society of Mechanical Engineers (heat transfer division) Bergles-Rohsenow Young Investigator Award.

Five Georgia Tech faculty members were elected IEEE Fellows:

- Associate professor **Steve Kenney** was honored for his contributions to microwave power amplifier design, characterization and linearization;
- Professor **Vijay Madiseti** was chosen for the honor because of his contributions to embedded computing systems;
- Senior research scientist **Bill Melvin** was honored for contributions to adaptive signal processing methods in radar systems;
- Professor emeritus **Teddy Püttgen** was chosen for his contributions to international engineering education and

electric power research and development;

- Professor **Waymond Scott** was recognized for contributions to the detection of buried objects using ground-penetrating radar.

Kenney, Madiseti, Püttgen and Scott are faculty members in the School of Electrical and Computer Engineering; Melvin is director of the Sensors and Electromagnetic Applications Laboratory in the Georgia Tech Research Institute.

Karim Sabra, assistant professor in the Woodruff School of Mechanical Engineering, was named an Acoustical Society of America Fellow in 2007.

Professor **Cheol Eun** and Assistant Professor **Suzanne Lee**, both from the College of Management, won an Outstanding Paper Award for "International Factor Linkages" (co-authored by doctoral student **Hyung Suk Choi**) at the second annual International Conference on Asian-Pacific Financial Markets, held in Seoul, Korea.

Nico Declercq, assistant professor in the Woodruff School of Mechanical Engineering, received a 2007 Commission on Acoustics Early Career Award.

In recognition of her significant contributions to electrical and computer engineering education, **Bonnie**

Heck Ferri, associate chair of the School of Electrical and Computer Engineering, was named the recipient of the Institute of Electrical and Electronic Engineers (IEEE) Education Society's 2007 Hewlett Packard/Harriet B. Rigas Award.

Seth Marder, professor in the School of Chemistry and Biochemistry, was elected a Fellow of the Society for Photo-Optical Instrumentation Engineers (SPIE).

Wayne Book, HUSCO/Ramirez Distinguished Chair in Fluid Power and Motion Control in the Woodruff School of Mechanical Engineering, was named a Society of Manufacturing Engineers Fellow in 2007.

David McDowell, Carter N. Paden Chair in Metals Processing, was named a Society of Engineering Science Fellow in 2007 and received a Khan International Medal for outstanding contributions to the field of plasticity.

Chris Paredis, assistant professor in the Woodruff School of Mechanical Engineering, received the 2007 Society of Automotive Engineers Ralph R. Teeter Education Award.

Christine K. Payne, assistant professor in the School of Chemistry and Biochemistry, received the NIH Research Scholar Development Award.

— compiled by
Nancy Fullbright



Fedorov



Melvin



Leggon



Curry



Marder