Awards and Honors
Georgia Tech faculty and staff receive recognition.

In September, four Georgia Tech faculty members were among 348 scientists and engineers worldwide elected as fellows of the American Association for the Advancement of Science (AAAS). They are:

- **Russell D. Dupuis**, professor in the School of Electrical and Computer Engineering, a Georgia Research Alliance Eminent Scholar and holder of the Steve W. Chaddick Chair in Electro-Optics;

- **Yogendra Kumar Joshi**, a professor in the School of Mechanical Engineering and associate chair for graduate studies in that school;

- **William J. Koros**, a professor in the School of Chemical and Biomolecular Engineering, a Georgia Research Alliance Eminent Scholar and holder of the Roberto C. Goizueta Chair, and

- **Thomas M. Orlando**, professor in the School of Chemistry and Biochemistry and chair of that school.

Headquartered in Washington, D.C., the AAAS is the world’s largest general scientific society and publisher of the journal *Science*.

Several professors in the School of Electrical and Computer Engineering and the School of Mechanical Engineering were recently elected to the position of IEEE Fellow, one of the highest honors in the field of electrical engineering. They are:

- **Associate Professor Miroslav Begovic** was cited for leadership in developing analysis tools and protection techniques for electric power transmission systems and renewable generation.

- The late Professor **Kevin Brennan** was elected posthumously and cited for
contributions to the modeling of impact ionization in heterostructures and multiquantum well structures.

- Professor **Krishna Palem** was noted for contributions to embedded computing. Palem is founder of the Georgia Tech Center for Research in Embedded Systems and Technology.

- Professor **Paul Steffes** was cited for contributions to the understanding of planetary atmospheres. He has been involved with numerous NASA missions, including Pioneer-Venus, Magellan, the Advanced Communications Technology Satellite and the High Resolution Microwave Survey.

- Professor **Charles Ume** was noted for contributions to the thermomechanical reliability of microelectronic packaging. He conducts research in mechatronics.

Professor **Mindy Millard-Stafford** in the School of Applied Physiology was elected a member of the American Academy of Kinesiology and Physical Education. Membership is considered a “who’s who list” of the top individuals in the field. Millard-Stafford studies exercise physiology.

The U.S. Department of Energy’s National Renewable Energy Laboratory presented the 2003 Paul Rappaport Renewable Energy and Energy Efficiency Award to Regents’ Professor of Electrical and Computer Engineering **Ajeet Rohatgi**, founding director of the University Center of Excellence for Photovoltaics Research and Education at Georgia Tech. Rohatgi was cited for development of low-cost and high-efficiency solar cells.