2007 Year in Review

**People**
Tech’s women’s tennis team defeated UCLA to bring the first NCAA title in any sport to the Institute.

**Innovation**
In its inaugural effort, Tech’s Sting Racing team competed in the semi-final round of the DARPA Urban Challenge with its autonomous Porsche Cayenne.

**Growth**
Fall student enrollment reached more than 18,000 for the first time in Tech’s history.

**Outreach**
Civil engineering students work with village residents in Honduras.

**Sustainability**
Facilities worker Isadore Snead uses reclaimed condensate water for irrigation in the face of severe drought.

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People & Community

The Georgia Tech Police Department named Andrew Altizer Tech's first director of Emergency Preparedness.

Lisa Sills was named deputy director of support operations for GTRI.

Gary May, professor and chair of the School of Electrical and Computer Engineering, received the 2006 Mentor Award from the American Association for the Advancement of Science.

College of Computing faculty members Richard Fujimoto and Nancy Nersesian received Regents’ promotions — awarded to two individuals per year — from the Institute.

Ward Winer, chair of the School of Mechanical Engineering (ME) and Regents’ professor, retired after 38 years at Tech. Professor William Weplayer, most recently vice provost of Distance Learning and Professional Education (DLPE), was named the new school chair.

Paul Houston, a Cornell University professor and administrator, was named dean of the College of Sciences. He succeeds Provost Gary Schuster.

Industrial and Systems Engineering (ISyE) Associate Professor Eva Lee won the Franz Edelman competition for her work, which could lead to a less-invasive, less-costly way to treat cancer.

Howard Rollins resigned as associate vice provost of International Programs to return to the School of Psychology. He was succeeded by Electrical and Computer Engineering Professor Steve McLaughlin.

Democratic presidential candidate Barack Obama visited the campus in April at the invitation of the African American Student Union and the College Democrats at Georgia Tech.

Wosong University in South Korea in July named John Endicott, a School of International Affairs professor and director of the Center for International Strategy, Technology and Policy, its president and vice chancellor.

In July, the National Association of College and University Business Officers awarded Executive Vice President of Administration and Finance Robert Thompson the Distinguished Business Officer Award.

Jim Ellington was named Georgia Tech Research Institute (GTRI) director of research security.

Technology Review magazine recognized two Georgia Tech researchers.

Karen Liu and Xudong Wang, among the world’s top innovators under the age of 35.

School of Mechanical Engineering Professor Ray Wito became Tech’s first vice provost of Graduate and Undergraduate Studies.

Mark Demyanek was named assistant vice president for Tech’s Office of Environmental Health and Safety.

School of Public Policy Professor Marilyn Brown, School of Earth and Atmospheric Sciences Professor Robert Dickinson and EASE Associate Professor Rong Fu were involved with the intergovernmental Panel on Climate Change, which shared the Nobel Peace Prize awarded to Al Gore.

Peter McGuire, associate dean of the Ivan Allen College of Liberal Arts, retired after 32 years at Tech.

Tech named Paul Johnson the Yellow Jackets’ new head football coach.

ISyE Associate Professor Thirunavukarasamy Govindan died in December.

Growth

In the fall, Georgia Tech’s MBA program was available in an evening format for the first time.

The College of Computing announced the formation of the School of Computing and the School of Interactive Computing, along with a planned School of Computational Science and Engineering.

Tech assumed ownership of North Avenue Apartments, formerly Georgia State University residence halls.

The Institute initiated fund-raising efforts for a second campus childcare facility to serve approximately 200 children.

Charged by Provost Gary Schuster, two task forces, chaired by Civil and Environmental Engineering Professor Lawrence Jacobs and Industrial and Systems Engineering Professor Leon McGinnis, are reviewing the state of undergraduate curricula and interdisciplinarity, respectively.

A new electrical substation will provide for future campus growth and enhance reliability.

Tech is the overall top producer of African-American engineers in the U.S., according to Diverse: Issues in Higher Education magazine.

The Fifth Street Streetscape Project continued, from Cherry to Fowler streets.

The Board of Regents approved two new doctoral degrees: a Ph.D. in International Affairs, Science and Technology and a Ph.D. in Computational Science and Engineering.

Technology Enterprise Park on North Avenue opened in October.

Sustainability

Institute Partnerships reported that 346 Tech students volunteered in the local community and schools, an increase over the 290 who volunteered in 2006.

The 10th annual Georgia Tech Earth Day celebration was part of Think Green Week, a larger focus on environmental sustainability and stewardship.

Tech, with Oak Ridge National Laboratory, won a bid from the Department of Energy for a $125 million research center that will seek new ways to produce biofuels.

Researchers developed a miniature sensor that uses polymer membranes deposited on a tiny silicon disk to measure pollutants present in aqueous or gaseous environments (pictured are Applied Sensors Laboratory Director Boris Misukoff and graduate student Yukia Lushtiga).

President Wayne Clough named the Campus Water Conservation Task Force to address what Tech can do better in regards to the drought.

The practices of Facilities and Operations earned Tech the runner-up position in the universities category of the Green Cleaning Award, which recognizes environmentally friendly cleaning practices.
A new interdisciplinary class enables students from different disciplines to collaborate on designing medical facility rooms that are more patient- and doctor-friendly.

Georgia Tech ranks third in the nation for the number of nanotechnology researchers that are "highly cited" in peer-reviewed publications, and in the top 10 for the number of first authors publishing in such journals. (Pictured is Professor Zhong Lin Wang with a nanowire array that could be used to power nanometer-scale devices.)

Tech researchers have developed a new prototype engine that allows satellites to take off with less fuel.


BusinessWeek ranked the College of Management 44th in the magazine’s Top 50 list of best undergraduate business programs, and second in the nation for return on investment among public colleges.

NASA’s Johnson Space Center recently selected the College of Management to provide leadership training for engineers, scientists and technologists.

Mark Allen was named the new senior vice provost for Research and Innovation. The position was previously held by Charles Liotta.

In its highest ranking ever, Tech was seventh among the nation’s public universities for undergraduates and is among the top 10 public universities for the ninth consecutive year, according to U.S. News and World Report.

Tech and Emory University researchers are the first to create a nanoparticle that could some day be used as a simple, all-purpose diagnostic tool to detect the earliest stages of many diseases.

Bernd Kahn, director of the Georgia Tech Research Institute’s (GTRI) Environmental Radiation Center, and senior research scientist Robert Rosson developed a simpler technique for testing drinking water for radium.

Tech and Emory University received a $1.5 million NSF grant to establish "The Origins Project," a center for integrated research, education and public outreach focused on the chemistry that may have led to the origin of life.

Tech takes sixth place in Solar Decathlon.

Assistant Professor of Music Jason Freeman premiered "Icarus," his newest audience-participatory work, in Miami during Art Basel Miami Beach.

ISyE Professor Craig Tovey, along with Sunil Nakrani from the University of Oxford, developed an Internet server strategy based on bee behavior.

Public Policy Professor Susan Cozzens and Joseph Hughes, chair of the School of Civil and Environmental Engineering, presented research in aiding developing countries with sustainable water and sanitation.

The Georgia Tech Police Department became one of several partners in Crime Stoppers Atlanta.

Tech and Emory University combined their expertise in the medical and architectural fields to create a world-class neuron intensive care unit at Emory Hospital.

In a meeting at Tech, representatives from top Georgia organizations in both government and the private sector pledged support for a national initiative to improve health care quality, information and cost-effectiveness.

French Foreign Trade Minister Christine Lagarde visited Tech’s Enterprise Innovation Institute, discussing economic development projects between Georgia and France.

Tech won the Senator Paul Simon Award in recognition of its efforts to internationalize the campus.

South Korea awarded a dual-degree program to the College of Computing.

The Center for Assistive Technology and Environmental Access launched CATEA’s Consumer Network, an online community that offers information about products, prototypes and latest developments in disability and aging-related products.

A pilot forecasting program designed by scientists at Tech and the National Center for Atmospheric Research is being used to warn thousands of vulnerable residents in selected flood-prone regions in Bangladesh.

Aerospace Engineering Professor Krishan Ahuja has been appointed director and general manager of Georgia Tech-Ireland.
**ARTS & CULTURE**

**Jan. 19**

The Flying Karamazov Brothers return to the Fert Center for the Arts with “Fourplay,” a show filled with music, juggling and jokes, at 8 p.m. The dance company is known throughout Mexico and Europe for its visually stunning movement and sensatial theatre. Tickets range from $25.60 to $42. For more information, visit www.fertcenter.gatech.edu.

**Jan. 20**

Mexican’s Tania Pérez-Salas Compañía de Danza comes to the Fert Center for the Arts for an evening of Mexican contemporary dance, starting at 8 p.m. The dance company is known throughout Mexico and Europe for its visually stunning movement and sensatial theatre. Tickets range from $25.60 to $42. For more information, visit www.fertcenter.gatech.edu.

**Feb. 16**

Chemical and Biomolecular Engineering Associate Professor Pete Ludovic is the host for “Pocket Protectors and Other Fashion Statements,” at 8:30 p.m. at the Relapse Theatre on 14th Street. For more information, visit www.depetecomy.com.

**CONFERENCE & LECTURES**

**Jan. 14**

The School of Literature, Communication and Culture presents “Dwelling Machines,” which examines the role technology plays in how dwelling is perceived. Speakers, including Jay Soiler, Ian Bogost and Hugh Crawford, will join Drew Whitley from the Emory Center for Myth and Ritual in American Life. The symposium is from 9 a.m. to 5 p.m. in room 132 of TSRD. For more information, visit www.ict.gatech.edu.

**Jan. 15-16**

Princeton University Professor Simon A. Levin presents “Individual Choices, Cooperation and the Global Commons: Mathematical Challenges in Uniting Ecology and Socioeconomics for a Sustainable Environment,” from 4:30 to 5:30 p.m. Jan. 15 in room 116W of Klaus. Levin presents “Crossing Scales: Evolutionary Approaches to Ecological Interactions” from 2 to 5 p.m. Jan. 16 in room 269 of Skiles. For more information, visit www.math.gatech.edu.

**Jan. 17**

University of Pennsylvania Professor Louis Soslowsky presents “Tendon Healing in a Rotator Cuff Animal Model,” starting at 11 a.m. in room 1128 of the IBB building. For more information, visit www.ibb.gatech.edu.

**Jan. 22**

University of California at Berkeley Professor Seung-Wuk Lee presents “Development of Novel Bone Regenerating Materials through Directed Evolution Processes Using Genetically Engineered Viruses,” part of the Materials Council Seminar, at 3 p.m. in room 299 of the Love Building. For more information, visit www.mse.gatech.edu.

**Chemistry and Biochemistry research scientist Christine Krauz presents “Introduction to Focused Ion Beam Technology and Its Application,” part of Nano@Tech, at noon in rooms 102A and B in the NRC. RSVP to katie.hutchison@micr.gatech.edu.

**WASHINGTON D.C.**

**Jan. 19**

Frank Tip, with IDM’s T.J. Watson Research Center, presents “Refactoring Using Type Constraints” at the FMPRC Software engineering, Programming languages, Analysis, Reasoning and Compilers) Brown Bag, from noon to 1 p.m. in room 1116E of the IBB building. For more information, visit www.fmpsrc.gatech.edu.

**Jan. 27-28**

The Georgia Tech Retreat Exploring Effective Teaching (GTRIEET) 2008 will start at 5 p.m. at Callaway Gardens. This year’s topic, “Perspectives on Learning, Teaching and the Brain,” will be presented by Dartmouth College Professor G. Christian Jernstedt. The retreat is primarily for new faculty in their first three years of teaching at the Institute. For more information, visit www.cell.gatech.edu.

**MISCELLANEOUS**

**Jan. 22**

Sam Pann School of International Affairs and College of Computing Professor Seymour Goodman will sign copies of his book, “Toward a Safer and More Secure Cyberspace,” from 5:30 to 6:30 p.m. at the Georgia Tech Bookstore. For more information, visit http://gatech.bncollege.com.

**CLASSIFIEDS**

**AUTOMOBILES**

2000 Honda Odyssey EX-L, dark green exterior, tan leather, new tires, battery, trans. 1 owner, dealer-serviced. Ex. condition, 131,000 miles. $8,500. E-mail flifyingcircus@bellsouth.net or call 770-955-2535.


2006 Chevy HHR. Silver, ex. condition. $14,495. Also 1963 Chevy II. Ex. condition, 30,000 orig. miles, orig. paint. $4,000. Call Jan at 404-573-7170.

**REAL ESTATE/ROOMMATES**

3BR/2BA home in Adams Crossing neighborhood. Only 1.5 minutes from GA Tech. Gated & de-sac w/ level yard. Check it out at www.bettymanncom.com or call 404-931-8750.

2BR/2BA condo in Smyrna, near Cumberland Mall. Patio storage, fireplace; lawn care available. Ann Dibble at 894-6228 or gcook44@yahoo.com.

56Y/O is seeking to rent a 3BR/2BA furnished water-front, peaceful cottage along the southern Outer Banks, N.C. $150/day, 5-day minimum. Pets OK. More info: www.readymadeparties.com. E-mail judy.ready@gatech.edu.

56Y/O is seeking to rent a 3BR/2BA with extras: wood burning hood. Size 6’3” to 6’5”. jeremy@imtc.gatech.edu.

Jan. 7, 2008