equestrian team are inducted as honorary members of the Atlanta Police Department's mounted patrol. The club nembers help exercise police department horses that **DECEMBER**

reopens with an exhibition of "Digital Paintings" by artist and

Architecture faculty member Harris Dimitropoulos.

mission is three-

research, and

service.

pronged: education,

A device developed by a team of mechanical engineering seniors wins first prize at the Fall 2011

Capstone Design Expo. The device, Heart-Thromb,

determines how a patient's blood is clotting, informa-

tion that can help doctors prescribe more personal-

Georgia Tech researchers announce the development of

software used to help characterize the bacteria responsible

for two of the deadliest outbreaks of food-borne pathogens

College of Engineering Dean Gary May is a featured speaker

at a White House Council on Jobs and Competitiveness event

celebrating the nation's engineering deans for their excellence

in the last twenty-five years.

Georgia College of Tech Engineering

MARCH

The College of Computing appoints two

new school chairs: Lance Fortnow in

Computer Science and Annie Antón in

Interactive Computing

technological innovation and for ways

engineering faculty across the country,

the Minority Faculty Development

Workshop: Engineering Enterprise

The IEEE Computer Society honors two College

of Computing faculty members. Mark Guzdial

receives the Computer Science and Engineering

Undergraduate Teaching Award, and Ling Liu

receives the Technical Achievement Award.

Georgia Tech is

become the nation's

A student-designed malaria detection model

Capstone Design Expo. The device allows

for malaria diagnosis under field conditions in

The Georgia Tech Library appoints two

Communications and Access.

associate deans: Bruce Henson as associate

dean for Research and Learning Services, and

Jeff Carrico as associate dean for Scholarly

\$100,000

professor of Psychology.

Senior Vice Provost for Academic Affairs Anderson

Smith retires after forty-two years of service to Georgia

wins the **School of Mechanical Engineering**

positioned to

third world countries

and Innovation is held on campus.

to address the shortage of minority

ized doses of a popular anti-clotting medication.

Paul Strouts joins the Georgia Tech staff as vice president of Campus Services.

by 2020.

Three student members of Georgia Tech's club

Georgia Tech joins other leading Atlanta organizations to participate in the Atlanta Better Buildings Challenge, whose goal is to reduce by 20 percent the energy and water usage of existing downtown buildings

The Student Government Association, the Communication Center, and the Georgia Tech Library launch a Graduate Communication **Certificate program** to equip graduate students with enhanced communication skills. Myrlie Evers-Williams, former chair of the

NAACP and widow of slain civil rights leader

Medgar Evers, delivers the keynote address

at Georgia Tech's annual Martin Luther King

and computer access, the Georgia Tech Library

installs eight quick-use, walk-up computers in

The American Association for the Advancement of Science

names four Georgia Tech professors as 2011 Fellows: Ali

Paul Steffes (ECE).

ONF

Adibi (ECE), David Bader (CSE), Robert Butera (ECE), and

Steven Usselman becomes chair of the

Ivan Allen College of Liberal Arts.

School of History, Technology, and Society in the

Transportation Center

The Technique student newspaper

the Georgia Collegiate Press Association.

Georgia Tech earns a gold rating from the Sustain-

ability Tracking Assessment and Rating System (STARS),

which rated the Institute's sustainability-related efforts

in education and research, planning, administration and

engagement, and innovation.

For the fourth consecutive year, the

Arbor Day Foundation names Georgia

Tech a **Tree Campus USA school** for

its commitment to effective community

William Foege, a transformational leader in

global health policies who helped eradicate

the Ivan Allen Jr. Prize for Social Courage.

smallpox and other diseases worldwide, receives

After a three-year hiatus, a group of

students relaunches the Community

Service Council with a greater focus

on serving the entire Tech community.

aggregates the volunteer opportunities

organized by various campus groups

The Center for 21st Century Universities holds

its first annual TechBurst Competition to address the

technologies within the traditional university.

question of how institutions can incorporate disruptive

Bloomberg Businessweek ranks Georgia Tech No. 2

in the nation, and first in the state of Georgia, in

annualized return on investment based on the financial

return graduates earn from their degree.

Among the group's early successes

is an online service calendar that

forestry management.

ST★R.

receives first place in general excellence in the

2011 Better Newspaper Contest sponsored by

Georgia Tech and the Council on Competitive-

ness host a two-day forum on how supply chain,

can enhance the nation's manufacturing base.

advanced logistics, and infrastructure improvements

Six alumni and faculty from the School of Civil and Environmental Engineering are honored at

the 2012 Engineers Week Awards Gala. Honorees included alumnus **Thomas Gambino** (Engi-

neer of the Year), alumnus Thomas Furlow (Lifetime Achievement Award), CEE School Chair

Reginald DesRoches (Engineer of the Year for Education), alumnus Jim Drinkard (Engineer of

the Year for Government), alumnus **Gregory Habeler** (Young Engineer of the Year), and Strategic

Energy Institute Executive-in-Residence Charles Huling (Engineer of the Year for Industry).

Scott Wills, an Electrical and Computer

Engineering faculty member for twenty

years, dies after an extended battle

the Library East Commons.

Georgia Tech's North

Avenue Apartments, once

home to medal winners from around the world during the

1996 Olympic games, joins

the Institute's list of LEED

Gold-certified buildings, a

designation granted by the

U.S. Green Building Council.

After an extensive multimillion-dollar restoration, the Historic Academy

of Medicine is unveiled during a grand reopening. Now owned and op-

erated by Georgia Tech, the seventy-year-old property provides a historic

Executive Vice President for Research

Steve Cross testifies before the U.S. House

Armed Services Committee's panel on Busi-

ness Challenges within the Defense Industry.

The Georgia Tech Police Depart-

ment announces plans to add five

additional officers, pushing the total

number past eighty.

"Georgia Tech is home to one

transportation and logistics

programs in the U.S. and is responsible for many of the improvements to Georgia's

Nathan Deal, Governor,

infrastructure."

State of Georgia

Faculty members **Grigoriy Blekherman** (Mathematics),

Prasad Raghavendra (Computer Science), and Frank

Stewart (Biology) are awarded 2012 Sloan Research

Fellowships by the Alfred P. Sloan Foundation.

Re-Hand, a software-assisted

home-use hand assessment

the 2012 InVenture Prize.

Aerospace Engineering Professor

Robert Braun takes a group of twenty

undergraduate honors students to Washing-

ton, D.C., to meet with some of the nation's

leading policymakers to discuss aspects of

Professor Reginald DesRoches is named Karen and John Huff

Alumnus Jim Allchin, a renowned visionary in the computing industry, and his wife, Catherine, commit

\$500,000 to the College of Computing to establish

the Catherine M. and James E. Allchin Professorship

aimed at continuing the intellectual and professional

development of rising faculty superstars.

CMF

Georgia Tech opens a new laboratory with state-of-the-art radi-

Sixteen teams of student filmmakers become campus

finalists in the Campus MovieFest 2012 competi-

tion. Among the Georgia Tech nominations are nods

for best drama, best comedy, and best picture.

MAY

Chair of the School of Civil and Environmental Engineering.

aerospace science and technology policy

that the students have been studying.

DramaTech stages a production

of the Tony Award-winning rock

and rehabilitation device, wins

of the most accomplished

venue for the Institute as well as a unique location for private events.

Georgia Tech is designated as the lead institution for one of ten national Tier One University

Transportation Centers by the U.S. Department of Transportation, representing a positive

step toward developing solutions to transportation challenges facing the state and region.

Researchers from Georgia Tech and the U.S. Centers

development of a laboratory test that can rapidly identify the

for Disease Control and Prevention announce the

bacterium responsible for staph infections.

need-based college scholarship program, the REACH Scholarship (Realizing Educational Achievement Can Happen). REACH targets middle school students, encouraging them to stay in school, maintain a certain grade point average, and remain crime-, drug-, and behavior **FEBRUARY** More than 125 years after its founding,

Georgia Tech continues to break new ground

Interactive Computing Professor Elizabeth Mynatt participates in the

Federal Networking and Information

Technology Research and Development

in providing innovative assistance to

businesses and entrepreneurs.

symposium held in Washington, D.C. and commitment to education and graduating more engineers. Georgia Tech researchers announce the development of a Braille-like prototype app for touch-screen mobile devices that is vying to be a complete solution for texting without the need to look at a mobile gadget's screen

With Georgia Tech as his backdrop, **Governor Nathan Deal** unveils the state's new

Research led by **School of Earth and Atmospheric Sciences Chair Judith** Curry provides further evidence of a relationship between melting ice in the Arctic regions and widespread cold outbreaks in the Northern Hemisphere. The study's findings could be used to improve seasonal forecasting of snow and temperature anomalies across the northern continents.

In U.S. News & World Report's annual ranking of grad-

uate programs, the College of Engineering ranks fourth

for the eighth consecutive year and all eleven graduate

The "MAID" Team (Magnetically Assisted Intubation Device) of bio-

streamline the processes that lead to discoveries made by scientists using the Department's

Georgia Tech launches Amplifier, a multi-contributor news

blog pairing current issues with commentary from Georgia Tech

experts and providing a forum to spotlight, "What does Georgia

Tech think?"

engineering programs are ranked in the top ten. The *Blueprint*, Georgia Tech's yearbook, earns twelve honors in the Columbia Schoastic Press Association's Gold Circle Awards or the 2011 edition of the yearbook entitled In Progress.

medical engineering undergraduates sweeps the Georgia Tech Business Plan Competition finals. MAID is a simplified approach to intubation that utilizes magnets to guide the endotracheal tube into the airway of a patient easily and quickly, with less risk and without the need for visualization. As part of President Barack Obama's new initiative for big data, Georgia Tech is selected to participate in a Department of Energy project that will develop new tools for scientists working with supercomputers. The project's goal is to create new instruments to help researchers manage and visualize data on the Department's supercomputers, which will further

Dr. Shean Phelps is named medical director of the Translational

part of the Department of Biomedical Engineering. TRIBES links

sis and treatment of patients in the healthcare system.

Research Institute for Biomedical Engineering and Science (TRIBES),

biomedical research and educational activities at Georgia Tech with

key medical institutions and organizations for the benefit of diagno-

Steven McLaughlin is appointed the Steve

Computer Engineering, replacing former Chair

Gary May, who became dean of the College

resources, lowering operating costs, and allowing members

of the university community to engage in good practices.

of Engineering in 2011.

W. Chaddick School Chair in Electrical and

Jim O'Connor is named vice president and chief infor-

mation officer for the Office of Information Technology.

O'Connor had served in these roles in an interim capacity

Georgia Tech receives a Supplier of the Year award from Boeing for the Institute's exceptional performance and contributions to the company's overall success in 2011.

Naresh Thadhani is appointed chair of the "Innovation Institute." School of Materials Science and Engineering, effective August 1. Georgia Tech is among fifteen universities honored by the **American College & University Presidents' Climate Commitment** for reducing carbon emissions, maximizing

> Tech. Smith previously served as vice provost for Undergraduate Studies and Academic Affairs and as chair and The Goizueta Foundation awards Georgia Tech a \$5 million grant to promote Science, Technology, Engineering, and Math (STEM) fields to Hispanic/ atino K-12 students

Georgia Tech receives a \$100,000 Grand Challenges Explorations

grant from the Bill & Melinda Gates Foundation to support the

design of a net-zero energy warehousing and distribution system for

vaccines and drugs in developing countries.

Wilbur Lam, a Georgia Tech biomedical engineer and an Emory University pediatric hematologist/oncologist, receives a Faculty Early Career Development (CAREER) award from the National Science Foundation. The award will support Lam's research on the biomechanical properties of platelets, the cells responsible for blood clot formation. The Department of Biomedical Engineering launches a **Master** of Biomedical Innovation and Development degree focusing education and clinical experience to transform unmet biomedical and clinical needs into practical, usable technologies for improving patient care.

new entities is to ensure that the Institute nurtures, appreciates,

During FY12, our students, faculty, staff, and alumni broke new ground and reached new heights in research, education, global engagement, economic development, and community service.

national and international leadership role in developing energy solutions and transitioning them to the marketplace. Ground is broken for the Ken Byers Tennis Complex, which will replace the former Bill Moore Tennis Center at Moore family name. Aerospace Engineering Professor Robert Braun receives the 2012 Al Seiff Award at the Ninth International Planetary Probe Workshop in Toulouse, France. The award recognizes

strategic plan.

Two men's teams of the Georgia Tech Rowing **Club** earn silver medals at the 2012 American Collegiate Rowing Association Championships.

collects, and creates the best of the arts. \$500,000 grant to the Petit Undergraduate Research Scholars Program that will support three Beckman Coulter Foundation Petit Scholars.

Forming and nurturing strategic partnerships and alliances is more

Tenth and Fowler Streets. The indoor courts will retain the outstanding contributions to the technology, science, and mission planning of atmospheric entry probe missions that advance the knowledge of planets or moons in the solar system, and the mentoring of young engineers and scientists in these fields. Intel announces a new Intel Science and Technology Center for Social Computing involving the Ivan Allen College of Liberal Arts as a research partner and supported by \$1.6 million in funding. Intel's commitment affirms liberal artsbased research as a leading edge for third-wave computing.

\$1.6 million in funding important than ever for ensuring the success of our mission and our

The Beckman Coulter Foundation announces a

The appointments of three school chairs in the Ivan Allen College Eight local startup companies graduate from the Advanced Technology of Liberal Arts are announced, effective August 1: David Laband, Economics; Dina Khapaeva, Modern Languages; and Richard Development Center (ATDC) as part of Utz, Literature, Media, and Communication. its 2012 Startup Showcase Susan Cozzens becomes the Institute's first vice provost for Graduate Education and Faculty Affairs, and Colin Potts becomes the first vice provost for Undergraduate Education. The new positions emerge from a leadership reorganization in the Office of the Provost.

Georgia Tech opens a new laboratory with state-of-the-art radiation therapy equipment dedicated solely to research and education, making it one of the only universities in the nation with this unique capability. careers and supports their advancement into leadership positions \$3.1 million award The U.S. Department of Energy awards Georgia Tech \$3.1 million for two undergraduate scholarships, three graduate fellowships, three research

Joseph Bankoff, president and CEO

appointed chair of the Sam Nunn School

of International Affairs in the Ivan Allen

College of Liberal Arts.

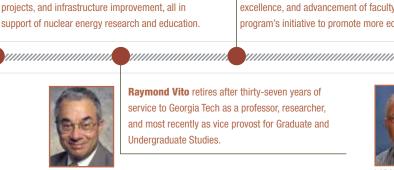
Public Policy Professor **Marilyn Brown** is named an inaugural

ambassador in the U.S. Department of Energy/MIT Women in Clean

Energy Program, which strives to attract more women to clean energy

of Atlanta's Woodruff Arts Center, is







Georgia Tech launches HomeLab, a statewide

network of adults 50 and older recruited to evaluate

the in-home usability and effectiveness of consumer

Georgia Tech announces the formation of the Integrated Cancer Research Center, which will bring together forty-eight biologists, bioengineers, chemists, and physicists from seven different schools and departments to take new and innovative approaches to basic cancer research.

\$500,000 grant

by the Scheller gift will dramatically increase the number of faculty chairs and professorships, undergraduate scholarships, graduate fellowships, study abroad scholarships, and other aspects of the Scheller College's academic infrastructure. JUNE Mechanical Engineering faculty member Tim Lieuwen is named director of Georgia Tech's Strategic Energy Institute (SEI), effective August 1. SEI plays a vital

The announcement of a \$50 million gift from 1952 alumnus Ernest Scheller Jr. prompts the renaming

of the former College of Management as the Scheller College of Business. The endowment funding provided