RESEARCH

CAUL, Tech to explore customized cancer care

A new partnership between Clark Atlanta University and Georgia Tech will explore ways to use DNA sequencing to analyze the genetic makeup of cancer patients and develop customized care. (AJC.com)

http://tinyurl.com/ny45z2

NEWS

America’s greenest schools

The Princeton Review rated almost 700 colleges and universities based on their commitment to environmental issues. Georgia Tech’s cleaning equipment uses 70 percent less water and 90 percent less chemicals than traditional equipment. (CNBC.com)

http://tinyurl.com/tlx4vg5

PEOPLE

Dr. Ronald Arkin: Teaching robots the rules of war

Dr. Arkin and his colleagues at Georgia Tech have developed a “proof-of-concept” prototype ethical governor. (Bot Junkie.com)

EVENTS

ARTS & CULTURE

August 21

John Oliver, senior British correspondent for “The Daily Show,” will be joined by Saturday Night Live’s Seth Meyers, at 8 p.m. in the Ferst Center for the Arts. Tickets are $15 and $25, or $12 and $20 with a subscription.

www.ferstcenter.gatech.edu

CONFERENCES/LECTURES

August 14

Paul Burm, with the University of Queensland, Australia, presents “Dendrimers for Photon Harvesting in Dye-sensitized Solar Cells,” part of the COPE seminar series, at 11 a.m. in room G011 of the Molecular Science and Engineering building.

www.cope.gatech.edu

August 24

University of Manchester Professor Klaus Müller-Dethlefs presents “A Novel Ultra-cold Molecular Rydberg Plasma: A New State of Matter,” at 2 p.m. in room 3201A of the Molecular Science and Engineering building.

www.chemistry.gatech.edu

August 25

The Center for International Strategy, Technology and Policy (CISTP) present Ambassador-in-Residence John Kelly and “America’s Role in the

In Development

Warzynski named director of OOD

ROBERT NESMITH

COMMUNICATIONS & MARKETING

Executive Vice President of Administration and Finance Steve Swant has named Chester “Chet” Warzynski executive director of the Office of Organizational Development (OOD), effective July 20.

As executive director, Warzynski is responsible for the office’s career mentoring and support, consulting services, training, leadership services and strategic planning support.

Warzynski most recently served as director of Organizational Development Services at Cornell University. Part of the Division of Human Resources, the unit works to deliver professional development and support faculty and staff and their departments.

His office served both academic and computing disciplines, said Leyla Conrad, director of Outreach for ECE. “The program helps create opportunities for these students. If [they] participate in research, it makes it easier for them to be accepted into graduate school.” ECE and mechanical engineering had the most representatives, with seven students each. Industrial and systems, biomedical and polymer, textiles and fiber engineering had one student each. Other disciplines included chemical and biochemical engineering, chemistry, physics and civil engineering.

Even though it’s a summer program, May and Conrad begin the admission process each February by contacting the Institute’s science, engineering and administration units by provid- ing strategic planning, organizational development, leadership development, performance management, professional development and career services.

OOD, continued on page 49

PLANNED EVENTS

Drawing the map

Meetings begin for Institute’s next strategic plan

COMMUNICATIONS & MARKETING

Last week, senior Institute leaders took the first steps of a year-long journey to define Georgia Tech’s goals and priorities for the next quarter-century.

On Aug. 3, members of President Bud Peterson’s cabinet, college deans and leaders from the Georgia Tech Foundation, the Alumni Association and the Athletics Association met to begin the strategic planning process for the Institute.

During the next 12 months, faculty, staff, students, alumni and friends of Tech will collaborate on developing a plan to shape the Institute’s goals and resources to meet challenges facing the state, nation and the world in the year 2035, the 150th anniversary of Georgia Tech’s founding.

Prior to the initial workshop, attendees were asked to read “Outliers” by Malcolm Gladwell (author of trend-pattern book “The Tipping Point”) and to complete a detailed survey asking which topics should be included in the vision discussion.

The main goal of Monday’s meeting was to “seed” the

SURE, continued on page 2

the ranks

SURE Program ‘graduates’ its largest class yet

ROBERT NESMITH

COMMUNICATIONS & MARKETING

While Tech’s summer semester may be more quiet in regards to enrolled students, each year qualified underrepresented students from around the country participate in graduate program research. Debuted in 1992 as GT-SUPREEM, the Summer Undergraduate Research in Engineering/Science program (SURE) attracts nearly 30 rising juniors and seniors to take part in research activities at Georgia Tech. The 10-week program pairs underrepresented minority students with a faculty advisor and a graduate student mentor.

Electrical and Computer Engineering School Chair Gary May created the initial program through a grant from the National Science Foundation (NSF). In its inaugural year, May says, nine students attended. As the program introduces students to graduate programs and students at Tech, the overall goal is to attract more minority students into science and engineering graduate schools.

This year’s program consisted of 33 participants across nine areas of study. “We have students from all science, engineering and computing disciplines,” said Leyla Conrad, director of Outreach for ECE. “The program helps create opportunities for these students. If [they] participate in research, it makes it easier for them to be accepted into graduate school.” ECE and mechanical engineering had the most representatives, with seven students each. Industrial and systems, biomedical and polymer, textiles and fiber engineering had one student each. Other disciplines included chemical and biochemical engineering, chemistry, physics and civil engineering.

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OOD, continued on page 49

In Development

Warzynski named director of OOD

Robert Nesmith

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OOD, continued on page 49

Planning the next strategic plan

Meetings begin for Institute’s next strategic plan

Communications & Marketing

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Research

**Opening for business**

The Advanced Technology Development Center (ATDC), one of the nation’s largest, longest running, and best-known university-based technology accelerators, is expanding its mission.

ATDC has been merged with Tech's VentureLab and with the Georgia SBIR Assistance Program. By pooling resources, the new ATDC has increased the staff available to serve its expanded mission of helping Georgia technology entrepreneurs build and succeed in technology companies.

The change will allow ATDC to greatly extend its reach to serve more technology companies along multiple growth paths and at all stages of development.

Founded in 1980, ATDC has helped create millions of dollars in tax revenues by graduating more than 120 companies, which have raised more than a billion dollars in outside financing.

ATDC, the former Georgia Tech VentureLab, and the SBIR Assistance program are part of the Enterprise Innovation Institute (EII) at Georgia Tech, which helps Georgia enterprises improve their competitiveness through the application of science, technology and innovation. Fleming, the former head of Georgia Tech VentureLab, was recently promoted to vice president of Georgia Tech overseeing all of EII. He will serve as the initial director of the new ATDC.

“The startup market has changed over the past few years,” Fleming said. “Many startup companies do not want or need to pursue venture funding. Some are not even seeking additional office space. ATDC’s new initiatives directly address the demands from today’s startup environment.”

ATDC will open its membership to all technology entrepreneurs in Georgia, from those at the earliest conception stage to the well-established, venture-fundable companies.

“We’re interested in any technology business opportunity,” said David Sung, one of ATDC’s startup catalysts and a former partner with H.I.G. Ventures. “There are many ways ATDC can help startups. We will support all entrepreneurs, whatever path they may take, through their entire growth process.”

ATDC will continue to offer traditional “bricks-and-mortar” incubation space on entrepreneur-friendly terms, both in midtown Atlanta and Savannah. Recognizing the sprawl of the Atlanta metro area, ATDC will offer programs outside the Perimeter where dense clusters of entrepreneurs can benefit from its services. Since 1980, the state-funded ATDC Seed Capital Fund has made equity investments in Georgia startup companies alongside angel investors and traditional venture firms. With this merger, ATDC will also manage the Georgia Tech Edison Fund, an innovative investment fund established in 2007 that draws its resources from charitable donors who are interested in helping expand the entrepreneurial ecosystem around the Institute.

The merger of the three units will bring together a broader knowledge base to provide comprehensive services to Georgia’s technology entrepreneurs.

“Despite the economic downturn, it’s still a great time to build a startup company in Georgia,” said Fleming. “The last four years have seen an explosion of groups and organizations supporting the early-stage entrepreneur. With this expansion, we’re rebooting the franchise of ATDC as the hub of technology entrepreneurship in Georgia. We hope to work with everyone, at any stage, along any path, to accelerate more technology startups and weave them into the economic fabric of Georgia.”

For more information

www.innovate.gatech.edu
In an effort to better extend the Institute’s community outreach across various levels, President Bud Peterson has merged the Office of Institute Partnerships and the Federal Relations Office with the Office of Government Relations, effective August 1.

With the move, outreach with the local community, as well as with state and national government, will be streamlined into one office.

Government Relations Director Dene Sheheane will head up the new group, assuming the title of executive director of Institute Relations and Community Partnerships. He will continue his efforts in building Institute partnerships with local and federal government officials, as well as with the University System of Georgia Board of Regents. Andrea Ashmore remains as director of Institute Partnerships, and Robert Knotts continues in his role as director of Federal Relations.

“Our office has enjoyed a good working relationship with Federal Relations and Institute Partnerships for a long time,” Sheheane said. “I truly welcome the opportunity to formalize the relationship and strengthen our overall government and community relations efforts.” Sheheane has primarily been responsible for raising the Institute’s profile among the Board of Regents and the Georgia General Assembly. Institute Partnerships has worked with local officials, neighborhoods surrounding Georgia Tech and area schools. Its K-12 Outreach partners with six primary and secondary schools, working to enhance the curriculum, provide mentors and tutors from student organizations and assist with technology enhancement. The office also partners with neighborhood organizations in areas around the Institute, helping to improve and empower communities with job fair, technology assistance and entrepreneurial counseling.

Federal Relations, headquartered in Washington, D.C., promotes the Institute’s research and educational strategic vision, goals and interests to the federal government’s representatives. The office works to increase Tech’s visibility, influence and support among federal decision-makers and the higher education community at-large.

“Institute Partnerships has worked with other subcommittees to help direct a larger, campus-wide discussion, while our office will partner with Tech’s subdivisions to make sure the entire Tech community is involved,” Peterson said. “As the re-structuring of these three groups will not only serve to strengthen their effectiveness, it will also allow them to work more collaboratively and efficiently, while at the same time increasing the visibility of Georgia Tech at the local, state and national levels.”

For more information, visit:

www.copp.gatech.edu

Institute Partnerships, Federal Relations realigned with Government Relations office

**Community collaboration**

**MEASURED BY DEGREES**

**TOP DEGREES EARNED IN 1984-85**

BACHELOR
EE, ME, IM, ISyE, CHBE

MACHINE
MGT, ME, EE, CE, EE

DOCTORATE
Chem, ISyE, AE, EE, Psych

**TOP ENROLLMENT IN 1984-85**

UNDERGRADUATE
EE, ME, ISyE, AE

GRADUATE
EE, Arch, ISyE, ME

Total enrollment: 10,956

**TOP DEGREES EARNED IN 2008-09**

BACHELOR
MGT, ME, IE, CE, EE

MACHINE
MGT, EE, ISyE, BME

DOCTORATE
ECE, AE, Chem, ME, CHBE

**TOP ENROLLMENT IN 2008-09**

UNDERGRADUATE
MGT, ECE, ISyE, BME

GRADUATE
ECE, ISyE, ME, MGT

Total enrollment: 20,000

Source: Institutional Research and Planning

**For more information**

www.copp.gatech.edu

**August 26**

The Center for the Enhancement of Teaching and Learning presents its Orientation to Teaching for temporary and part-time faculty, from 4:30 to 7 p.m., in the Wilby room of the Library.

www.cell.gatech.edu

**September 3**

The Office of Organizational Development presents the brown bag seminar “Expect Control,” from 10 a.m. to noon, in the Research Administration Building. There is no cost to attend.

www.orddev.gatech.edu

**September 9**

Georgia Tech Police Department Crime Prevention Officer Ian Mayberry presents “Crime Prevention 101,” from 10 to 11:30 a.m. in the Police Department training room. Register through the Office of Organizational Development Web site.

www.orddev.gatech.edu

The “Emergency Preparedness” certificate program, which consists of several smaller courses, including “Fire Safety” and “Facilities Hazard Training,” provides faculty and staff with valuable information in case of a campus emergency.

www.orddev.gatech.edu

The “Defining Customer Service” certificate program provides campus groups and employees with the foundation for offering exemplary service, to those both on and off the campus.

www.orddev.gatech.edu

**Ongoing**

Georgia Tech Training Services offers a Web-based tutorial on the basics of using a state point of sale system.

www.orddev.gatech.edu/training/

**MISCELLANEOUS**

**August 12**

The Office of Organizational Development offers the Brown Bag seminar “Survival Spanish,” from 11:30 a.m. to 1 p.m. in room 202 of the Savant building. There is no cost to attend.

www.orddev.gatech.edu

**September 10**

Georgia Tech is forming a team to participate in the Kaiser Permanente Corporate Run/Walk & Fitness Program, 7 a.m. adjacent to Turner Field. Registration is $25 prior to Aug. 10; $30 after.

www.kpcorporaterrunwalk.com

**Ongoing**

GATECA (Center for Assistive Technology and Environmental Access) seeks full-time employees with a mobility disability to take part in a long-term interview. Participants will be reimbursed. Call Clippers Yang at 585-8589 or e-mail her at hlsang-yy.yang@cca.gatech.edu.

The Campus Recreation Center, in conjunction with the Athletics Foundation, is offering Sun Tai Chi classes every Tuesday and Thursday from 11:45 a.m. to 12:45 p.m.

www.crc.gatech.edu

For a more comprehensive listing of events updated daily, visit www.gatech.edu/calendar.
Starting up again

In coming freshmen and their parents have been touring the campus during the FASET orientation sessions. Classes begin Aug. 17. Dean of Students John Stein (above) meets incoming students’ parents at the Student Center Ballroom during FASET last week. A FASET volunteer (below) aids a student in registering for classes in the Library and Information Center.

OOD, continued from page 1
with a group of highly qualified and dedicated individuals who work with administrative and academic leaders and their employees to develop the organization at the personal, group, departmental and system level. OOD offers an integrative, systemic approach in working with others to strengthen the performance and enhance the innovative capacity of the Institute.

In building on what OOD already offers—internal consulting, employee training and career development, and leadership Institute supports—Warzynski says the department is investigating with other administrative Tech units ways to deploy resources for the Institute.

During this era of tighter budgets and a new Institute president, Warzynski says the department plans to benchmark and disseminate best practices; to aid offices and departments in streamlining, assessing their roles and services and adjusting to Institute changes; and implement “Maintaining Momentum,” a set of offerings to aid employees and organizations as they move through periods of acute change without losing focus.

Warzynski said Georgia Tech will continue to implement a Georgia Tech-specific College Business Management Institute for employees, in addition to the major Series Executive Leadership Program, the University Leadership Program and other development courses.

New programs to identify and assist in developing best practices across the Institute, as well as aiding in office and departmental strategic planning during transition stages, also are in the planning stages.

“Georgia Tech, under the leadership of President Peterson, is engaging a broad cross section of the campus in developing a strategic vision to define the Institute’s position in the state, the nation and the world in 2035,” Warzynski said. “OOD’s role in this process will be to support the leaders in designing strategies and developing plans to realize this future.”

At Cornell, Warzyhski taught graduate courses in organizational development in the School of Industrial and Labor Relations, and leadership for scientists in the College of Agriculture and Life Sciences. He also served as a managing instructor at the School of Banking Administration at the University of Wisconsin.

He recounts his interest in technological studies, particularly Actor-network Theory, as one of the main reasons for coming to Tech. “I think Georgia Tech is on the cutting edge of technology because of a combination of factors,” Warzynski said. While steeped in tradition, the culture also consists of a pragmatic, ‘make things happen’ approach toward problem solving. People at Tech are trying to solve real-world issues: energy, sustainability, hunger and healthcare.

“When I first met the people [at Tech], I saw incredibly talented and experienced individuals, and a culture that is focused and focused on innovation, innovation, innovation,” he said. “Prerequisites to being a leader in today’s world.”

He earned a master’s degree in sociology in 1973 from the University of Western Ontario, and did post-graduate studies in educational planning at the University of Toronto. He earned his bachelor’s degree in sociology from Southern Illinois University in 1969.

For more information
www.ordev.gatech.edu

CARNegie NEWSbriefS

Investiture plans solidity
The Presidential Investiture for President Bud Peterson will be held at 11 a.m. on Thursday, Sept. 3, in the Alexander Memorial Coliseum. Following the ceremony, the afternoon will include open discussion sessions for the campus community on topics that will be central to Georgia Tech’s next strategic plan.

These events will denote a special and memorable day in the Institute’s history, and many students have expressed an interest in attending the Investiture Ceremony and related celebrity activities, which will extend beyond the “no-class” hour of 11 a.m. to noon. To accommodate students wishing to participate in this exciting day, faculty members with classes scheduled from noon to 1:30 p.m. are asked to arrange out-of-class assignments for those students.

IAC dean search committee report
The Ivan Allen Dean Search Committee held its first meeting in late July. Bill Funk, of the national executive search firm William Funk & Associates, suggested a timeline for the search that would conclude the process in early 2010.

Committee Chair Doug Allen led a discussion of the process and asked the committee to comment on the process description. Nomination of exceptional prospective candidates should be sent to krisba.creativ@williamfunk.com.

Faculty group considers trimesters
The Office of the Provost has established a faculty task force to look at the feasibility of adopting a trimester system as the academic calendar at Tech. This would establish the summer session as identical to the fall and spring semesters, thus allowing departments to take more courses each academic year that fit into their curriculum. Advantages and disadvantages of such a calendar are being identified. Faculty and students will be surveyed once a proposal is developed. Enrollment in the summer is only 38 percent of the fall enrollment.

Committee members include Sue Ann Allen, Jung Choi, Joseph L.A. Hughes, Donna Llewellyn, Carole Moore, Daniel Montgomery, Charles Parsons, Rela Pilkowsky, Carol Senf, Anderson Smith and Brian Stone.

Office of the President staff support
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Employees can audit courses
A new policy allows full-time regular employees at Tech to audit one course during a semester without tuition costs if space remains after the student registration period.

Approval to audit is required from the course instructor and the employee’s supervisor.

As part of an ongoing effort for enhanced communication by the Office of the President, Office of the Provost and Office of the Executive Vice President for Administration and Finance, this feature provides a brief snapshot of issues and projects of interest to the campus community. Carnegie News Briefs will be e-mailed as the first publication date of each month. Questions can be directed to Jennifer Herzay at jennifer.herzay@carnegie.gatech.edu.

CLASSIFIEDS

AUTOMOBILES & MOTORCYCLES
2006 Nissan Sentra SE 4-dr. 41K miles. One previous owner. Exc. condition. $8,500 OBO. Call Michael.Kromhuis@ gatech.edu for more info.

REAL ESTATE/ROOMMATES

1BR garden condo near Emory/Midtown/ Buckhead. Furnished, incl. all utilities and basic cable TV. Large balcony overlooks pool area and lush landscaping. Great view. 2 beds, 2 baths, 700 sq ft. $650. For more info e-mail angie@eas. gatech.edu.

For rent or sale: 4BR/2BA Home in Sandy Springs. 4 BR, 3.5 BA. Convenient to community, convenient access to highways and shopping. Large floor plan, spacious 2-story foyer and family room. In-Law Suite, 2 Bds, 2 full baths, fenced back yard, washer/dryer. Pots Op. $950 E-mail suz2@mindspring.com.

For sale or rent: 4BR/2BA Home in North Buckhead. 4 BR, 2.5 BA. Convenient to community, convenient access to highways and shopping. Large floor plan, spacious 2-story foyer and family room. In-Law Suite, 2 Bds, 2 full baths, fenced back yard, granite countertops, swimming pool, parking space and gated entry. View www.windymill.com or e-mail rnbgardner@bigfoot.com.

For sale: 1BR condo, Peachtree St. and 7th. Close to Tech, Lenox, restaurants, shops, nightclubs, restaurants and Public. Located in high-rise with 24/7 concierge, club/nanny/pool, 1 parking spot. Skyline views, SS appliances, granite countertops, huge walk-in closets. Sold. $548,900. For more info, e-mail jmhchick@comcast.net.

FURNITURE/APPLIANCES
Full Serta Pillow Top mattress set. Under 1 y.o. w/ iron headboard, rails and matching box spring. Good pick-up. $500 to 600. Pics avail. Cash, check, order or PayPal. Call 404-229-3444 or e-mail tatiana.mathews@grd.gatech.edu or tatishel@gmail.com.

Queen-sized Broyhill bedroom set. Incl. headboard, nightstand, dresser, mirror, chest of drawers and Sealy Postscript mattress set. $500. Please call 678-576-4313 or e-mail ajay.khorana@mel.gatech.edu.

For sale: Large 1BR/1BA loft in South Park Lofts near Colubus/Reynoldstown. Short drive to Tech, HW traffic, walk-in closet, large bath, loft area, private balcony, SS appliances, granite countertops, huge walk-in closet. Sold. $169,500. Contact for more info. E-mail jlmihelich@comcast.net.

MISCELLANEOUS
2 large, beautiful cats looking for loving home. Indoor cat only. Orange tabby male (20lbs) and white female (19 lbs), both altered. For more info e-mail angie@eas.gatech.edu.

Apple G4 Quicksilver 800MHz PPC, 1.5GB RAM, two 60GB HDD, OS X Tiger 10.4, DVD/CD-RW, Airport Wi-Fi, M-Audio 7.1 USB surround card, Keybd & Mouse, 17” Apple Cinema Display. For more info, call 404-310-5970 or e-mail al@mel.gatech.edu.

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