Growth and change planned at campus police department

David Terraso
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Despite the campus summer lull, big changes are afoot at the corner of Hemphill and Ferst, the location of the Georgia Tech Police Department (GTPD). As a result of Chief Jack Vickery's retirement last month, the department will have a new head for the first time in 20 years. Vickery was promoted to chief in 1982, just two years after joining the department. His retirement caps off a successful career in law enforcement that began 30 years ago at the Army Security Agency.

Known for his colorful expressions and casquilloing style, Vickery will be missed. But the search for a new chief is going ahead at full steam. Chuck Doobbaugh, associate vice president of Human Resources, said he hopes to have a new chief in place some time during the fall semester. Interim Chief Pat Wypasek will run the department in the meantime.

The new chief will inherit a department with a larger staff making more competitive salaries. The expansion of campus across the highway to Technology Square is stretching Tech's thin blue line even thinner, so the department is adding seven new officers and giving every officer a pay increase ranging from 6 percent to 18 percent of their current paycheck. Despite the state's budget woes, the raises are vital to "help students learn more about themselves and their country. "When you're placed outside of what is familiar, you can perceive more about things that are near to you." McMath said he hopes to have a new director in place by January. Meanwhile, Associate Director Amy Bass Henry will continue to oversee the study abroad program and Sheila Schulte, associate director of International Student and Scholar Services, will continue to be in charge of student visa and immigration issues. McNath said he would assist on an as-needed basis.

The interim will be a busy time for OIE. The U.S. Immigration and Naturalization Service has set January 30, 2003, as the deadline for universities to have SEVIS — the new INS student tracking system — up and running.

Additionally, the Justice Department's recent decision to enforce a 50-year-old rule requiring...
Network upgrades give students better access to Internet

**Melissa Moore**

Auxiliary Services

Georgia Tech students will realize a welcome renovation in campus network access this fall. Reaching campus services and the Internet will be faster and more efficient thanks to collaboration between the administration, Auxiliary Services and the Office of Information Technology. The jointly funded, $1.1 million project will upgrade network access in areas of maximum impact — the Student Center and student housing.

The Student Center plans to upgrade all of its wired network ports and add wireless coverage throughout the building, allowing authorized students to access the network from anywhere in the complex. The upgrade of the residential networks — ResNet and EastNet — will enhance all campus housing areas, including fraternities and sororities.

"The timing is right," said Ronald Meyers, associate vice president of Auxiliary Services. "While Georgia Tech was one of the first schools in the country to connect all of its residents to the Internet, the explosion of Internet use for academic and recreational purposes in recent years has left some students without access to sufficient bandwidth."

"Now, with this upgrade, if students are downloading large amounts of data, other students trying to gain access should not be affected," Meyers added.

For its part, the Office of Information Technology will be replacing hundreds of network switches and routers.

"The use of the campus network has evolved over the past several years to include the use of more online coursework, streaming video and other high bandwidth applications," said John Null, associate vice president of OIT. "The new architecture and equipment supports much higher bandwidths before contention becomes an issue."

Students can expect to see improved network performance as the project moves through installation phases. The proposed completion for all housing and the Student Center is the end of the fall semester.

"This network upgrade is part of Auxiliary Services' commitment to students to enhance the quality of campus life," Meyers said.

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**Former Tech employee Mercy McClelland dies at age 44**

Mercedes McClelland, who was employed by Georgia Tech Continuing Education for more than 14 years, died July 4 in Toa Baja, Puerto Rico. She was 44. Mercy, as she was known by her family and friends, had returned to Puerto Rico in 1998, where she was the director of Continuing Education at the Polytechnic University of Puerto Rico in San Juan, until her battle with cancer prevented her from further employment earlier this year.

McClelland joined Georgia Tech in 1984, working as a program coordinator until 1998 when she returned to her native home. Her last position at Tech was with The Logistics Institute (TLI), where she had worked since its inception in 1992.

McClelland is survived by her son, Sean; her father, George Edwards; other aunts, uncles and cousins in Puerto Rico; and her mother-in-law, Leatrice McClelland of Atlanta.

The Mercy McClelland Memorial Fund has been established to assist Sean. Contributions, payable to Leatrice McClelland, may be sent to The Logistics Institute, School of Industrial and Systems Engineering, 765 Frist Drive, Atlanta, Georgia 30332-0205 or directly to Mrs. McClelland at 3671 Oregon Trail, Decatur, Georgia 30032.

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**New school, cost from page 1**

"We expect the fall 2002 class size to be approximately six or seven students," Assistant Professor Mark Geil said. "Plans are in place to increase the class size to a maximum of 12 students during the next few years."

The school’s research into prosthesis and orthoses — commonly known as braces — encompasses a wide variety of medical devices and techniques. These include prosthetic legs, braces for scoliosis, powered myoelectric prosthetic arms, knee-ankle-foot braces and HALO devices for spinal immobilization.

Geil said that many economic studies predict a severe shortage of qualified orthotists and prosthetics practitioners in the near future, professionals who will serve the needs of the nation’s aging population.

"Our students will experience real prosthetics and orthotics practice first-hand and at an aggressive rate throughout their experience at Tech," he said. "They will learn the potential for computer-aided design and manufacture in prosthetics and orthotics, and will be conversant in the clinical literature. Our aim is to produce the finest clinicians, researchers, designers and educators in the industry."

Other prosthetics and orthotics programs in the United States offer either baccalaureate degrees or post-baccalaureate certificates. Geil said, but Tech’s program will be the only active, master’s-level program available in the country.

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**For more information**

**Housing Office**

www.housing.gatech.edu

**EastNet Project**

www.eastnet.gatech.edu

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**Melissa Moore**

**Mark Geil**

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"When I die and get to the pearly gates and they talk to me and say why should you be here, I don’t think one time it’s going to come up how many (championship) rings do you have, what was your won-loss record. But they might ask, did you make a difference in lives, did you have an impact? That’s important to me, and I think you can do that a little more in college."

—Chen Gailey, head football coach, on the opportunity to return to the college sidelines. (USA Today)
DeMillo to head Tech's Information Security Center

HP's first chief technology officer to head GTISC

David Arnold
Institute Communications and Public Affairs

Last week was a sort of homecoming for Richard DeMillo when his former employer named him as a Distinguished Professor of Computing and the new director of the Georgia Tech Information Security Center (GTISC). He is leaving his post as vice president and chief technology officer at the Hewlett-Packard Company and returning to Georgia Tech, where he had taught until 1987.

DeMillo will direct the applied research, education and outreach activities of GTISC, which was named a National Security Agency (NSA) Center of Excellence last year. Prior to his appointment, DeMillo was Hewlett-Packard’s first CTO, and his distinguished technology career includes major positions with the National Science Foundation (NSF), Telcordia Technologies and Purdue University.

Rich is an outstanding addition to GTISC, the College of Computing and to Georgia Tech,” said Jean-Louis Chameau, provost and vice president for academic affairs. “He is highly regarded in the worlds of industry, government, and academia and his presence will provide our information security initiative a tremendous boost.

“[DeMillo] brings incredible experience and knowledge to our impressionist career in academia, government, and business,” said Ellen Zegura, interim dean of the College of Computing.

“[His] students and faculty will benefit greatly from his presence at Tech.”

This is a very exciting time to be joining the Georgia Tech community, and I hope I will be able to contribute to Tech’s long-term success. Information security has become the critical technology problem of the decade, and I look forward to helping Georgia Tech become a national resource in cyber security,” said DeMillo.

Involving faculty from the Colleges of Computing, Engineering and Ivan Allen College, as well as the Georgia Tech Research Institute, the Center uses an interdisciplinary approach to conduct research and development in the field of information security. Its mission is to conduct research contributing to the development of the discipline of information security, to develop and commercialize new information security technologies, and to educate and train information security professionals through degree, non-degree, and public information programs.

IN BRIEF:

Clough named #2 at ARCHE

This month, The Atlanta Regional Consortium for Higher Education (ARCHE) announced the election of Richard Clough as trustee of the organization for the upcoming academic year. Morehouse College President Walter Massey was unanimously selected board chair, succeeding Atlanta College of Art President Ellen Meyer, who just completed her second consecutive term. At the same meeting President Wayne Clough was named the board’s vice chair, after completing a one-year term as chair.

The board of trustees is composed of the presidents of the organization’s 21 member colleges and universities. ARCHE’s mission is to advance Atlanta-area higher education through academic collaboration, community partnerships and public awareness. Founded in 1938, membership also includes corporate and non-profit community partners and regional affiliated libraries. Information about ARCHE and its members is available at www.atlantahighered.org.

Tech professors at Frontiers of Engineering

Eighty-four of the nation’s top young engineers — including two from Georgia Tech — have been selected to participate in the National Academy of Engineering’s (NAE) Frontiers of Engineering symposium. The three-day event will bring together engineers ages 30 to 45 who are performing leading-edge engineering research and technical work. The participants — from industry, academia, and government — were nominated by fellow engineers or organizations and were chosen from a field of nearly 1,500 candidates.

Robert Abowd and Fotis Sotiropoulos, associate professors in the College of Computing and the School of Civil and Environmental Engineering, respectively, were invited to attend.

The NAE is perhaps the highest professional organization in the field. Its members consist of the nation’s premier engineers, who are elected by their peers for their distinguished achievements. For more about Frontiers of Engineering, refer to www.nae.edu/frontiers.

MSE chair to leave post

Regents Professor Ashok Saxena, who has chaired the School of Materials Science and Engineering since 1995, has announced plans to step down as chair of the school in order to devote more time to research and teaching. He will continue to serve in the position until a replacement is found. Saxena joined Tech in 1985 after spending more than 10 years in industrial research laboratories, including the Research and Development Center of National Steel Company and Westinghouse Corporate Research Center.

Employees discount on 'Funk' performance

The Whistle Staff Center for the Arts has announced a group discount for faculty and staff members at Georgia Tech. Upcoming performances include "Bring In Da Noize, Bring In Da Funk" (Aug. 21 - Sept. 29) at the Alliance Theatre. Ticket information will be available for groups of 10 or more people.

For more information, look for the link on the Whistle’s web page: www.whistle.gatech.edu.

www.whistle.gatech.edu

Police, cont’d from page 1

the campus if the department wants to be able to attract top-notch officers, said Vickery shortly before his retirement.

“[When we compared ourselves to other Atlanta metro area departments], we were offered competitive salaries,” he explained.

Drawing more highly qualified officers is especially important as President Bush is asking local authorities to be vigilant and devote more of their resources to being the first line of defense against terrorism. No where is that more true than on campuses such as Tech’s, which host a significant amount of defense-related research. To answer that challenge, the new chief will hire an Emergency Preparedness Officer, to act as a liaison between the GTPD and other law enforcement agencies.

“It’s Tech’s solution to homeland security,” said Donbaugh.

Details of the rest of the new officers’ duties are still being worked out, he said. Both positions should be filled by the spring semester.

In addition to the internal changes, Tech officers, along with their state and local counterparts, are now charged with enforcing new laws that increase the penalties for the making or use of fraudulent identification. Though and at fighting identity theft, they stand to have a big impact on underage college students who use fake I.D.s to buy alcohol.