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THE WHISTLE

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THE GEORGIA INSTITUTE OF TECHNOLOGY

M Building dedication marks advancement of research agenda

Georgia Tech's research infrastructure has taken a giant leap forward with the April 19 dedication of the Molecular Science and Engineering Building, also known as the M Building.

The fourth and final structure in Tech's Biotechnology Complex, the M Building is furthering the shared goal of the first three facilities: fostering interactions between scientists and engineers whose research interests intersect. Research in the facility is focusing on materials and the molecular basis of their structures and properties.

Gary Schuster, current provost and vice president for Academic Affairs who was also dean of the College of Sciences for 12 years, served as emcee for the dedication ceremony. "This is a day we will remember forever," said Schuster. "This wonderful new building holds immense promise for the future, but also contains a promise fulfilled for Georgia Tech."

"This facility is the result of a vision shared between Georgia Tech's scientists and engineers," said College of Engineering Dean Don Giddens, who was unable to attend the ceremony. "The intersection of these two disciplines offers untold promise for vastly improving the

quality of life, such as cancer treatment that does not kill healthy tissue."

In his remarks, President Wayne Clough pointed out that construction of the M Building was made possible entirely through private philanthropy and he expressed the Institute's gratitude to the donors who supported the project. "Today, the M Building and the entire Biotechnology Complex are helping us reach our goal of defining the technological university of the 21st century. The M Building has a critical role to play in that. Nanotechnology is now permeating all that we do in areas such as solar cells, computing and cancer detection. My first grandchild was born last fall, and I marvel at how much better her life will be because of the kind of research that will take place in this building."

Clough expressed gratitude to Scientific-Atlanta and its founder, Glen Robinson Jr., for their support.

Robinson, an alumnus for whom one of the building's towers is named, shared with the audience his long history with Tech and the pivotal role the Institute and its people played in the conception and found-

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Added green space a sign of progress on Campus Master Plan

It doesn't look like much right now, but soon a former parking lot in the center of campus will be only a memory, replaced with a large swath of green space.

A few months ago, crews began tearing up the asphalt lot, located between Van Leer Building and the College of Architecture, making way for the two additional acres known as Tech Green North. When it is completed, the space will consist of two large lawns bisected by a wide pedestrian walkway running between the two buildings. Additional landscaping — deciduous trees, shrubs and flowerbeds — will frame the area.

The plan calls for the addition of 40 new trees, replacing 15 mature hardwoods. Anne Boykin-Smith, a master planner in the Office of Capital Planning and Space Management, said removal was necessary because the trees had been planted too close to the buildings, shortening the lifespan. New trees will be a mix of hardwoods and ornamentals, and the sidewalk — to be known as Plum Corridor after one of the original city streets on campus — will be wide enough to accommodate emergency vehicles.

Tech Green continued, page 2

A remembrance ceremony for Virginia Tech



Several hundred students gather at the Campanile last Tuesday in a demonstration of sympathy and support for the students of Virginia Polytechnic Institute and State University, where the deadliest shooting in the nation's history occurred the previous day. On Friday, members of the Georgia Tech community wore Virginia Tech's school colors — orange and maroon — as a show of solidarity to the grieving families and friends.

Director of real estate planning and development named

Georgia Tech's Division of Administration and Finance has hired John Majeroni as its next executive director of Real Estate Development for Georgia Tech.

He had been employed at Cornell University for 26 years, most recently as its director of Real Estate. Among his projects are Cornell's Business and Technology Park, developing 19 additional buildings and more than 60 new tenant companies. In all, the portfolio under his direction included more than 600 properties — institutional, commercial and residential — distributed over 25 states.

"Mr. Majeroni comes to Georgia Tech with a wealth of relevant experience and an entrepreneurial spirit that is fully aligned with Georgia Tech's culture and mission," said Senior Vice President of Administration and Finance Robert Thompson.



John Majeroni will oversee Tech's strategies for real estate development and acquisition.

At Tech, his department is responsible for leading development and acquisition strategies for the Institute, working with the University System's Board of Regents, the Georgia Tech Foundation and private development partners to coordinate land and building procurement, financing, approvals and transactions

Majeroni continued, page 3



"It's a real step forward."
—President Wayne Clough, who heads a National Research Council committee investigating the New Orleans levee breaches, on a recent amendment to Louisiana's constitution requiring that the political appointees to local levee boards have expertise in fields such as engineering, hydrology, geology and law.
(New York Times)

Student filmmakers compete in national contest

David Terraso
Institute Communications
and Public Affairs

After winning Best Picture in the Atlanta competition of Campus MovieFest, directors Michael Gluzman and Brad Herrmann, along with their cast and crew, will compete at the International Grand Finale this month. The competition will be held this week at the Landmark Midtown Art Cinema in Atlanta. Their film, "Fanya Kaplan," is a Russian-language historical narrative based on a woman who attempted to assassinate Soviet leader Vladimir Lenin in 1918. The film credits Kaplan's attempt with helping to start the Red Terror in which thousands of people were arrested and executed without trial by Lenin's government.

Gluzman, an industrial design major, met Herrmann, a mechanical engineering student who also runs the student organization Buzz Studios, at the Campus MovieFest competition last year. Herrmann had entered his film, "Casualty," while Gluzman showed his movie, "Vendetta."

"We got to talking and made small talk about working together next year," said Gluzman.

Unlike most small talk, this conversation actually led to something. Together, they decided this year they wanted to make a war movie. Gluzman came across Kaplan's story while doing some research and decided that bringing it to fruition would



A scene from "Fanya Kaplan," a six-minute film created by Georgia Tech students that won Best Picture at the Atlanta Campus MovieFest in February.

be enough of a challenge to make it worthwhile.

The biggest challenge was filming the movie in Russian. None of the actors, except for Gluzman, knew the language, so he and friend Ildar Musin taught the actors all they needed for the film in about a week. Gluzman spent six hours working with lead actress Becky Tucker, and spent two hours working with co-star Matt Perry. In addition to the one-on-one language lessons, Gluzman gave his actors MP3 files of himself reading the lines to hear how they should sound.

"There was a lot of doubt as to whether we could pull it off in Russian," Gluzman said. "The other option was accents."

Like most historical films, the piece does take some liberties with the material. Gluzman said they added the roles of Kaplan's accomplices and a scene in an interrogation

room to heighten the drama.

Born in the Soviet Union, Gluzman moved with his family to Atlanta in 1990, when he was three years old. He hadn't heard about Kaplan's story before he began researching for the film, but once he discovered it he found that his family was well-versed in the tale. According to Gluzman, even though Kaplan wasn't successful in assassinating Lenin that day, he was seriously wounded and the bullets, which were never removed from his neck, are speculated to have caused the stroke that took his life six years later.

The film was written by Gluzman's friend Wesley Wingo, a film student at New York University, and the original music was composed by Tech undergraduate Rolan Duvvury. Gluzman's father played the old Russian revolutionary song "Varshavianka" on the accordion for part of the soundtrack.

Gluzman said he and Herrmann plan to restore a scene they had initially cut to pare the film down to the regulation length of six minutes. The scene doubles the running time of the film, but would make it closer to their original vision. They plan to enter the newly edited director's cut into film festivals.

For more information...

Georgia Tech Film Club
www.cyberbuzz.gatech.edu/buzzstudios

Campus MovieFest
www.campusmoviefest.com



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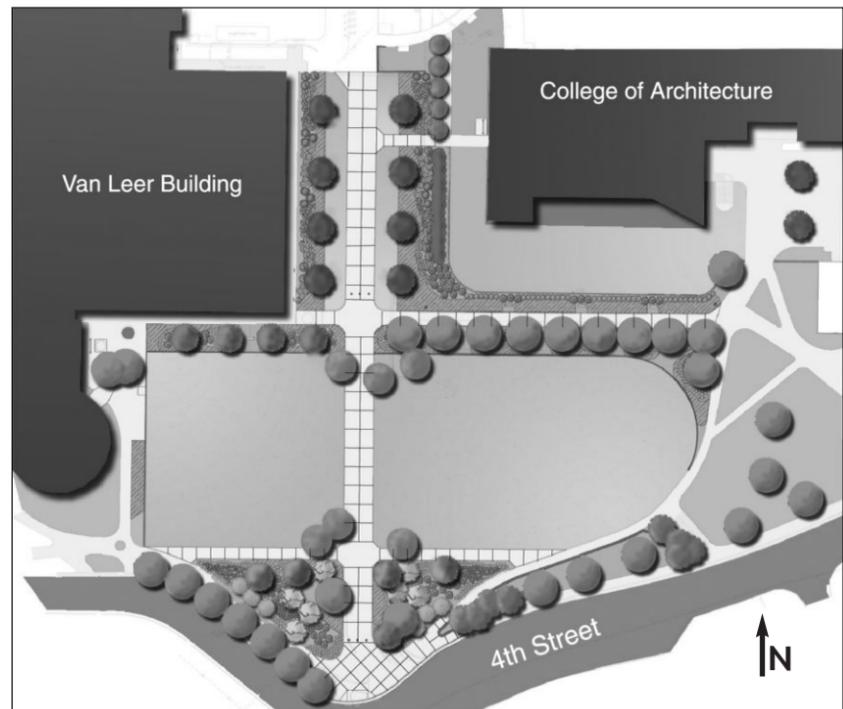
Tech Green North will also help to manage run-off storm water, Boykin-Smith said. Planners expect this, along with other measures such as capturing rainwater for irrigation, will significantly reduce the campus contribution to the city's storm sewer system.

The project is part of a larger vision: a Campus Master Plan that serves to merge the Institute's strategic vision with design guidelines that stress flexibility and longevity. It sets overarching goals for improving the ecological, educational and economic environment at Tech by focusing on sustainability, accessibility and community collaboration.

In the current version, streets and surface parking encompass a smaller percentage of land use, freeing up space for additional academic facilities and green space.

For more information...

Georgia Tech Campus Master Plan
www.space.gatech.edu/masterplan.htm



The removal of the parking lot adjacent to the Van Leer Building and the College of Architecture will add nearly two acres of green space to the central campus. Tech Green North is bisected by a 20-foot walkway — known as the Plum Corridor, named after one of the original city streets on campus — that is expected to be a primary pedestrian route between the Biotechnology Complex and 4th Street.

The final piece in the Biotechnology Complex



The entrance to the Molecular Science and Engineering Building (above, left) faces the courtyard of the Biotechnology Complex (above), which is expected to be the center of interdisciplinary research at Georgia Tech. At left, alumnus Glen Robinson Jr. offers some perspective on the history of Institute research during the dedication ceremony.

M Building, cont'd from page 1

ing of Scientific-Atlanta. "I have been very pleased to contribute to the M Building," Robinson said, "and I hope that all goes well for the faculty and students who will be doing such important work here."

Majeroni, cont'd from page 1

that align with the implementation of the Campus Master Plan.

He will be the principal contact with the real estate development community in Atlanta and constituent neighborhoods impacted by Institute expansion. Majeroni said he thought this was one area that his predecessor, Scott Levitan, did particularly well, and he was looking forward to building similar relationships with Tech's neighbors.

Additionally, Majeroni will be vice president of real estate for Georgia Advanced Technology Ventures, a tax-exempt affiliate of Georgia Tech that promotes growth of bioscience and technology companies.

One of his primary objectives in that capacity

will be finding compatible companies to occupy Technology Enterprise Park (TEP), the 11-acre research park on North Avenue at Northside Drive, designed specifically for bioscience and technology companies leaving the incubation stage, with flexible space that will allow tenants to expand as needed.

In addition to early-stage companies, Technology Enterprise Park expects to attract established companies, including multinational firms that are looking to set up shop in Atlanta. The proximity to Georgia Tech researchers and facilities, it is believed, will be a big plus for more mature companies. Altea Therapeutics, the first tenant of TEP, will occupy approximately 40,000 square feet of the 128,000 square-foot initial building at the park.

IN BRIEF:

'Mad Money' postponed

CNBC's "Mad Money with Jim Cramer," which was set to tape at the College of Management on April 24, has been postponed until fall in the wake of the tragedy at Virginia Tech.

CNBC and Georgia Tech officials decided that the timing of the show's back-to-school tour, which is meant to be a time of fun and celebration on campus, is now inappropriate due to the suffering of those at a school closely affiliated with the Institute.

The College of Management will announce details of the show's rescheduling once they've been finalized.

IAC seeking associate dean

Ivan Allen College seeks applications and nominations for the position of associate dean for Research, reporting to Dean Sue Rosser. Applicants should be Georgia Tech faculty members tenured in the College who are able to begin the half-time appointment at the beginning of fall semester 2007.

Candidates for the position should send a letter explaining their interest and experience in leading research programs and a current curriculum vita to: Associate Dean for Research, Search Committee, c/o Judy Alexander, Ivan Allen College Dean's Office, Habersham, mail code 0525. Applications are due by May 4.

Where your money is

The credit union ATM formerly located on the second floor of the Student Center has been relocated to Student Center Commons in the lobby adjacent to the Hair Cuttery, Starbucks, and Einstein Bros. Bagels. There are no withdrawal fees for members of the State Employee's Credit Union or Lockheed Federal Credit Union.

New fee payment program for graduate research assistants

A new fee payment program provides graduate research and teaching assistants the option to pay their semester fees through payroll deduction. This option will apply to all fees assessed through the Bursar's Office and will be included in the self-service fee payment selections available from the student invoice statement.

Students will select the amount of their outstanding balance they would like to defer for the semester, and that amount will be deducted in three equal installments. A validation of the payroll records will be performed to ensure the student's monthly payroll will be sufficient to cover the requested deduction.

Two key elements of the program are the student's timely appointment in the payroll system at the beginning of the semester, and an active monthly payroll appointment at the time balances are due. Otherwise, the student will be ineligible for participation.

The plan will be available in the fall 2007 and spring 2008 semesters. The program will not be available for the summer term. For more information, visit www.bursar.gatech.edu.

Awards & Honors

The Computer Human Interaction Special Interest Group (SIGCHI) within the Association for Computer Machinery has awarded Professor **Gregory Abowd** (Interactive Computing) their Social Impact Award, given to individuals who promote the application of human-computer interaction research to pressing social needs.

Professor **C.F. "Jeff" Wu** (Industrial and Systems Engineering) recently received an honorary professorship from the Chinese Academy of Sciences (CAS) for his research contributions in and for fostering collaborations and interactions between the United States and China. Wu is the first statistician to have received this honor from CAS.

Professor **Rao Tummala** (Electrical and Computer Engineering) has been named the recipient of the 2007 David Feldman Outstanding Contributions Award, the highest honor given by the IEEE Components, Packaging, and Manufacturing Technology (CPMT) Society.

The Georgia Society of Certified Public Accountants have selected Associate Professor **Deborah Turner** (Management) as the recipient of the 2007 Accounting Educator of the Year Award.

Georgia Tech head coach **Bryan Shelton** has been named the 2007 ACC Coach of the Year for Women's Tennis. Also earning conference accolades are senior **Alison Silverio**, junior **Kristi Miller** and freshman **Amanda Craddock**, who were named to the 2007 All-ACC Women's Tennis Team. Shelton's honor marks the third time the eighth-year head coach has received the accolade, and second time over the last three years.

The Computer Human Interaction Special Interest Group (SIGCHI) within the Association for Computer Machinery has named Professor **James Foley** (Interactive Computing) recipient of its Lifetime Achievement Award, the organization's most prestigious honor, given to those who have made the greatest contributions to the study of human-computer interaction and who have led the shaping of the field.