Chip White accepts chair of Industrial and Systems Engineering

Megan McRainey
Institute Communications and Public Affairs

Chelsea (Chip) White has been named chair of the School of Industrial and Systems Engineering (ISyE). White, the Schneider National chair in Transportation and Logistics, will assume his duties as chair July 1 from William Rouse, now director of the Tennenbaum Institute for Enterprise Transformation at Georgia Tech.

The School is ranked No. 1 among industrial and systems engineering programs in the United States by "U.S. News and World Report."

"I am very pleased that Chip White has accepted this responsibility," said College of Engineering Dean Don Giddens. "He is an outstanding scholar and academic administrator, and his vision for the future will help lead ISyE to even greater prominence."

White is also the director of Tech's Tracking Industry Program, a member of the Sloan Foundation's Industry Centers Network, and executive director of The Logistics Institute.

His current research focuses on ways to improve productivity and security in the transportation and logistics sector of the economy. He teaches courses on decision-making under certainty and risk. His areas of research include optimization and artificial intelligence for problem solving in transportation, logistics and supply chain systems.

White continued, page 3

College of Management dean to step down, return to faculty

Elizabeth Campbell
Institute Communications and Public Affairs

Terry C. Blum, dean of the College of Management, announced last week that she will step down as dean, effective June 30, 2006. Blum has led Tech’s College of Management since the summer of 1999, when she replaced Lloyd Byars.

"Terry provided leadership at a very important time for the College," said President Wayne Clough. "Among a number of notable accomplishments, I think that she did an excellent job in leading the College across the interstate connector and into a more visible profile at Technology Square. The quality and sophistication of that space will help tremendously in continuing to recruit outstanding faculty, students and staff."

When Blum became dean in 1999, she broke ground as one of the first female deans of an academic college at Tech. In addition to being a professor, she also served as the director of the College's Center for Entrepreneurship and New Venture Development. She was named to the Tedd Munchak chair in entrepreneurship in 1996 — the first woman at Tech to occupy an endowed chair.

"As dean, Terry has accomplished what she set out to do six years ago," said Provost Jean-Lou Chameau. "She focused on improving the faculty, raising enthusiasm and support for the new business school building, increasing our global presence and improving external recognition of the college. She stabilized and improved the College and I’m very appreciative of her efforts."

A search process will be initiated.

Blum continued, page 2

Three junior faculty win national research award

Megan McRainey
Institute Communications and Public Affairs

The White House has announced that three Georgia Tech professors are recipients of 2004 Presidential Early Career Awards for Scientists and Engineers (PECASE), the nation’s highest honor for promising young researchers within their areas of research. A total of 58 researchers were honored last week in a ceremony presided over by John Marburger III, director of the White House Office of Science and Technology Policy.

The recipients are Ali Adibi, an associate professor in the School of Electrical and Computer Engineering; David Anderson, an assistant professor in the School of Electrical and Computer Engineering; and William King, an assistant professor in the School of Mechanical Engineering.

Established in 1996, PECASE winners are chosen by representatives from several federal departments and agencies who nominate scientists and engineers whose work shows exceptional promise for leadership at the frontiers of scientific knowledge during the twenty-first century. Participating agencies award these researchers up to five years of funding to further their work in support of critical government missions.

Adibi was nominated by the Department of Defense for his research contributions to optical storage and image processing modules by exploring two-center holographic recordings and his contributions to chip-scale, all-optical information processing. Anderson was nominated by the National Science Foundation for his research contributions to analytical chemistry.
**Clough briefs Congress on manufacturing competitiveness**

**Urges lawmakers to incentivize U.S. science and engineering**

On June 8, Georgia Tech President Wayne Clough testified before the Senate Commerce Subcommittee on Technology, Innovation and Competitiveness on the subject of manufacturing competitiveness. The hearing was chaired by Senator John Ensign of Nevada and attended by Senators John Kerry of Massachusetts, George Allen of Virginia and Mark Pryor of Arkansas.

Focusing his testimony on the state of U.S. manufacturing and the technological and workforce issues that must be addressed to keep its manufacturing base globally competitive, Clough said, “the present technical superiority of the United States has flowed from the strong investments we made in scientific research since World War II. Funding for research in key areas of engineering and physical science has declined while other levels have increased. In a world where future manufacturing developments will come from interdisciplinary research, care must be taken to support an appropriate funding portfolio.”

He also highlighted the need to recruit scientists and engineers from all parts of society, including women and minorities. Currently, China, India and the European Union each graduate more engineers than the United States — a gap that will continue to grow based on present trends. Improving the enrollment of students in engineering and science can be accomplished, he said, through marketing these careers to prospective students as well as providing forgivable loan programs, such as the National Defense Education Act (NDEA), adding that such efforts will be imperative to compete with nations that have larger technical workforces and wage advantages.

Fortunately, the U.S. still has an edge and our society supports entrepreneurship and risk taking. However, the window of opportunity will be open only so long and we need to take action now if we are to succeed,” he said.

“Dr. Clough’s invitation to testify before the Senate on critical U.S. competitiveness topics demonstrates that he is a recognized national leader on technology and skills issues,” noted Georgia Tech Director of Federal Relations Patty Bartlett. “It is especially meaningful that he was a witness at the very first hearing of the subcommittee this year.

“All of the Senators present seemed aware of his credentials — as a member of President’s Council of Advisors on Science and Technology as well as the National Science Board,” she added, “and his prominent role with the Council on Competitiveness and the National Innovation Initiative (NII) sparked a number of questions from the Senators.”

Senator Ensign is currently working with Connecticut Senator Lieberman to craft legislation that would incorporate many of the federal recommendations contained in the NII report, “Innovate America.”

Blum currently serves as an advisor or director for several entrepreneurial endeavors including: Stanford’s Roundtable on Engineering Entrepreneurship Education; MedShare International, a not-for-profit venture; Georgia Tech Technology Ventures; and Georgia Tech’s Economic Development Institute.

“Terry was the right person at the right time for the College of Management,” said Larry Huang, chair of the College’s Advisory Board. “She has left Management in better shape than when she arrived as dean, and we certainly hope to be able to say that about her successor. I’ve truly enjoyed working with Terry to shape the strategic future of this outstanding College. Georgia Tech has a unique opportunity to make this program one of the finest among all public universities. Terry played a critical role in getting us to where we stand today.”

Blum has researched and published extensively on topics related to innovation and technology transfer in health services related to behavioral health care, an area of increasing importance in innovation strategy. In 1998, she co-received a Whither Foundation special opportunity grant to develop and implement a curriculum in entrepreneurship and innovation for graduate students in biomedical technology and life sciences reflecting her interests in technology transfer and value creation. This curriculum has since been expanded to include students from all of the engineering, science and computing disciplines.

**For more information...**

**Senate Committee on Commerce**

www.commerce.senate.gov/hearings

**College of Management**

www.mgt.gatech.edu
Tech introduces first cross-campus research portal

Laura Kenney
Institute Communications and Public Affairs

On June 15, Georgia Tech launched NanoTECH, a new Web portal highlighting interdisciplinary research in nanoscience and nanotechnology. The portal, created by Tech’s Institute Communications and Public Affairs (ICPA), is the first in a series of research portals that will highlight interdisciplinary research in strategically critical research areas.

ICPA worked closely with a nanotechnology committee led by Professors Robert Snyder, Z.L. Wang and Nostafa El-Sayed, among others.

Nanoengineering, whose prefix “nano” comes from the Greek word “nanos” and represents one-billionth of a unit, utilizes nanoscience, the “science of the small,” to manipulate systems at the level of atoms, molecules and supramolecular structures. Control of matter at the nanoscale already plays an important role in scientific disciplines as diverse as physics, chemistry, materials science, biology, medicine, engineering and computer simulation.

Important nanoscience and nanotechnology discoveries take place every day across Tech’s campuses, and NanoTECH provides a portal to these efforts, with information about educational initiatives, faculty research interests and laboratories and facilities dedicated to nanoscience and nanotechnology. NanoTECH brings together the research of more than 100 scientists, including groundbreaking work in the synthesis and characterization of nanomaterials; properties of nanomaterials; nanoscale modeling and simulation; nanodevices, nanophotonics and nanomaterials; and nanomedicine and nanobiotechnology.

The portal had strong support from the Office of the Provost. Other portals highlighting key research interests, such as optics and photonics, are already under way. To view the Web site, visit www.nano.gatech.edu or go to the Georgia Tech home page and click on the NanoTECH button.

IN BRIEF:

Applications sought for vice provost position

Georgia Tech is seeking applications and nominations for the position of vice provost for Undergraduate Studies and Academic Affairs. Applicants should hold the rank of professor and have substantial experience in the academic and administrative life of the Institute.

Reporting to the provost/vice president for Academic Affairs, the vice provost serves on the president’s cabinet, and plays a key role on any major issue involving Tech and its community.

As advocate for the academic experience of undergraduates, the vice provost will lead or play a major role in a variety of initiatives, including primary leadership of planning for the Undergraduate Learning Center and oversight of undergraduate research initiatives, enhancement of academic advising and tutoring, and the proposed Honors Program. In collaboration with the vice president for Student Affairs, the vice provost will be responsible for implementing a student leadership program for Tech.

Georgia Tech is committed to actively recruiting and appointing women and minorities to faculty and administrative positions, and applications are encouraged from both. Candidates should send a letter of interest, curriculum vitae, and three references to:

Jean-Lou Chameau
Provost/Vice President for Academic Affairs
Carnegie Building
Georgia Institute of Technology
Atlanta, GA 30332-0325

A search committee is being formed under the leadership of College of Engineering Associate Dean Carl Davidson. Review of applications will begin on July 5 and continue until the position is filled.

Executive development program seeking applications until July 15

After a successful pilot year, the Masters Series Executive Development Program is accepting applications until July 15 for the next program cycle. The Masters Series builds bench strength for senior-level positions by developing the leadership skills of selected program participants.

According to Office of Organizational Development Director of Training James Nelson, “the Masters Series helps participants perform better in their current role and prepares them for future opportunities.” The intensive, nine-month program combines workshops, round-table discussions with senior executives, career planning sessions and project management.

In summarizing her experience, Masters Series graduate and Associate Director of Procurement Services Judy Whitfield noted how “the program broadened my horizons as I learned about programs and departments outside of my area of expertise. I truly enjoyed hearing senior managers talk about how they make decisions, organize their departments and view the future of Georgia Tech.”

“This course is challenging, both personally and professionally,” she added. “It gives you the opportunity to learn about your personality traits, both strengths and weaknesses, to articulate your career goals and to incorporate the skills necessary for positive career changes.”

Interested Tech employees can review the program structure, applicant criteria and profiles of past participants at www.mastersseries.gatech.edu. For more information, contact James Nelson at 894-8340.

Free summer film series at Tech Square

The plaza in front of the Center for Nanotechnology at Technology Square will also be the site for a four summertime movie series.

Beginning at 9 p.m. each Wednesday night, “Flicks on 5th,” sponsors a schedule that features classic comedy, animated family fare and action adventure. Moviegoers are encouraged to bring their own blankets and chairs, but to leave umbrellas, pets and grills at home.

For more information about the series, visit www.flickson5th.com or call 894-2805.

“Flicks on 5th” schedule

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<th>Date</th>
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<tr>
<td>June 22</td>
<td>“Robins” (PG)</td>
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<tr>
<td>June 29</td>
<td>“The Grudge” (PG-13)</td>
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<td>July 6</td>
<td>“Bourne Identity” (PG)</td>
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<td>“Office Space” (R)</td>
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<td>“Beauty Shop” (PG-13)</td>
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<tr>
<td>July 27</td>
<td>“Sahara” (PG-13)</td>
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For more information, contact James Nelson at 894-8340.
July 26
The Office of Organizational Development offers a one-day class in "Proofreading Made Easy," from 8:30 a.m. to 4 p.m., downtown Atlanta. To register, visit www.trainsweb.gatech.edu.

July 28
The Office of Organizational Development offers a one-day class in "Business Writing Skills," in room 308, Savant Building. To register, visit www.trainsweb.gatech.edu.

Ongoing
Faculty, staff, alumni and graduate students are invited to join Georgia Tech’s chapter of Toastmasters International, which meets every Thursday at 7:30 p.m. in room 102 of the Petit Microelectronics Research Center. For more information, visit www.toastmasters.gatech.edu.

Miscellaneous
June 25
Georgia Tech’s Professional Education hosts a course in defensive driving at the Global Learning and Conference Center. This six-hour, classroom-based National Safety Council course provides instruction on how to recognize and act appropriately and in time to potential driving hazards. Employees receive a discount. For more information, visit www.pe.gatech.edu or call 894-0374.

June 30
The last day to register for permit parking. Visit www.appparking.gatech.edu for details.

July 6-7
A representative from TIAA-CREF will be on campus conducting one-on-one financial consultations. To schedule an appointment, call 800-842-2003 or visit www.tiaa-cref.org/moc.

The Whistle is on a biweekly publication schedule during the summer semester. The next issue will be published on July 5. Email all calendar events to editor@icpa.gatech.edu.

CLASSIFIEDS

APPLIANCES
New 30" inch Frigidaire gas range, Model #FGF316DSA. White, 4-burner w/ manual and broiler pan. Never been used. $250. E-mail tanah.barchichai@grti.gatech.edu.

1990 Cadillac Brougham. Excellent condition. Low mileage for its age. Brown with leather interior. Loaded, $2,500 firm. Visit www.editor@icpa.gatech.edu or call 894-1108 or e-mail vincent.jerottil@housing.gatech.edu.

1992 Honda Civic DX sedan. White, 4-door. PS/PR/PL, cruise, CD player. $2,500 OBO. Call 678-787-2904.

1992 Subaru Legacy Wagon. 5-speed stick-shift with all-wheel drive. 97K miles. Burgundy exterior and gray cloth interior. Very reliable. $2,000 OBO. Call 404-733-6855 or e-mail bob.bartley@cpa.gatech.edu.

1995 Nissan Maxima GLX in very good condition, dealer maintained, leather seats, sun roof, automatic, air, Bose stereo. 118K miles. $4,700. E-mail blruss@bellsouth.net.

1996 Volvo 850 Turbo, 94K miles. Single owner, maintenance records. Great condition. Automatic, sun roof, A/C, cruise, dual front air bags, cassette stereo, alloy wheels, $6,500. Call 404-437-08 or e-mail srl@ngt.gatech.edu.

FURNITURE
Bunk bed, solid wood w/5 drawers, mattresses included. $200. Small desk w/ corner shelf unit and chair. $100. Call 404-376-1548 or e-mail dl@msmnet.com.

GEOGRAPHIC MOVES

Real Estate/Roommates
Sublet available from late June to mid-August in the Buckhead area. Great for couple or single person. No other roommates. $750/month, W/D, DSL, no cable, a/c. Call Janna at 770-355-5281.

Female roommate needed to share 3/2/1A home in Northlake-Tucker area. No smoking. Available beginning October 1. Rent is $550/month plus utilities. Call 404-9240 or e-mail mary.mordor@cox.gatech.edu.

1BR/1BA condo for rent in the Historic Ponce building off Peachtree Street. Skyline views, located across street from the Fox Theater. Concierge and secured assigned parking space included. Deposit and references required. Please call, 678-575-9514.

Socialize in a 2/2/1A brick ranch near the Marietta square. $275,000. Also, 2BR/1BA house on 1.5 acres. $140,000. www.owners.com/dgt8533. E-mail em106@mail.gatech.edu or call 404-452-2352.

Pointers: Two AKC Old English Sheepdog puppies. Raised using New Skete methodology. Health guarantee; all shots. Owner may pay part of closing cost. Call 404-255-9249 or e-mail omaar-keiko@netscape.com.

Downstairs townhouse in Norcross. Off-street parking. $125,000. Owner willing to accept 3-year lease. Horse fanatic needed. Call 404-297-3699.

2BR/2BA house on Lake Avondale, 6 miles from Tech. LR, DR, stainless steel appliances, gas, electric paid with association fee. Pre-paid parking. 24/7 concierge. 10-year tax abatement. $11,500. thewilliamoliver.com. Call 404-255-9249 or e-mail omaar-keiko@netscape.com.

2BR/2.5BA house on 1/2 acre in Douglas County. Located in quiet swim/lake community. Close to I-20, and Publix. Rent for $1,100/month. Call 404-358-0522.

Miscellaneous
AKC Old English Sheepdog puppies. Raised using New Skete methodology. Health guarantee; all shots. Male and females, $600-$800. Call 404-271-6900 or e-mail widd@mindspring.com.

46-inch rear projection RCA Home Theater. $250 OBO. Currently not in working order. Buyer must pick up. Call 404-1028 or e-mail robert.gregor@ap.gatech.edu.

Snapper Hi-Vac riding mower, 28-inch, mulch kit, EZ-drain oil valve, model M28090VR, used fewer than 80 hours. Paid $1,200, sacrifice for $750. Call 404-6221.

Pink ipod Mini, $125. Call Ms. King at 385-2382.

Full-breed American Pit Bull Terriers (No papers). 12 weeks old. All have received first set of shots. Call 404-798-4303.