Tech taps Radakovich to lead Athletic Association

Dan Radakovich, the senior associate athletics director at Louisiana State University, has accepted a position as Georgia Tech’s new director of Athletics. Institute President Wayne Clough made the announcement during a news conference last week.

“I am pleased that Dan Radakovich has chosen to join Georgia Tech as our new athletic director,” Clough said. “He brings a unique combination of enthusiasm for sports, concern for student athletes, experience in athletic administration, business experience and communication skills that are needed in today’s complex world of intercollegiate athletics. It is my pleasure to welcome Dan, his wife Marci and their two children to Atlanta.”

With nearly 20 years of experience in collegiate athletics management positions, Radakovich comes to Tech after nearly six years at LSU. He will take over for Dave Braine, who is retiring after nine years in the post, and will be the seventh person in Tech’s history to hold the position.

The selection was made with the unanimous approval of the voting members of the Georgia Tech Athletic Association Board of Trustees.

Radakovich expressed his appreciation to the search committee and the Athletic Association for the opportunity to guide Tech’s athletic programs.

“Georgia Tech has a proud history of creating leaders,” he said. “We will continue to strive for competitive excellence (in our athletic programs),” while helping student-athletes balance their multiple roles.

To do that, he cited the ongoing role of preparation and review.

“You can’t go from A to Z. You must stop at other letters of the alphabet. Sustained success doesn’t come without a process in place,” he said.

Clough, who chaired a search committee that also included Dan Schrage, faculty representative for Athletics; Joe Irwin, president of the Alumni Association; Chuck Easley, former Tech football player and current member of the Athletic Board; and David Anderson, president of the Student Government Association, called the search “thorough and complete.”

“We have left no stone unturned and have considered candidates from

AD continued, page 2

Jesse Hill Jr. to receive Ivan Allen Prize at Founder’s Day

Atlanta businessman and civil rights leader Jesse Hill Jr. has been named the recipient of the 2006 Ivan Allen Jr. Prize for Progress and Service, according to Sue Rosser, dean of Georgia Tech’s Ivan Allen College of Liberal Arts. Hill, the first African-American recipient of the award, will be honored at the College’s Founder’s Day luncheon on March 15, an event that annually marks Allen’s birthday.

As a former executive and CEO of the largest African-American owned financial institution in America, he has a long history of supporting human and civil rights activism. He spent more than 15 years as chairman of the board of directors of the Martin Luther King Jr. Center for Social Change. During the 1980s, Hill founded The Atlanta Inquirer, a weekly newspaper that became the voice of the civil rights movement in Atlanta. He was the first African-American selected to serve on the Board of Regents for the University System of Georgia, as well as the first to be elected president of the Atlanta Chamber of Commerce.

The Ivan Allen Prize is awarded annually to a distinguished public figure whose service over a lifetime has significantly contributed to the progress of the quality of life in Georgia. Previous recipients of the award include former U.S. Senator Zell Miller, columnist Molly Ivins, and former U.S. President Jimmy Carter.

Overseas pollution may be boosting domestic ozone levels

Large amounts of smog chemical generated outside U.S.

David Terraso
Institute Communications
and Public Affairs

Large amounts of a chemical that boosts ozone production are being transported across the Pacific Ocean to North America, according to a new report by researchers from Georgia Tech. These higher levels of nitrogen oxides (NOx), arriving in late spring, could be contributing to significant increases in ozone levels over North America.

“It’s well-known that pollutants don’t always stay in the region in which they are produced. What’s not understood as well is where and when they travel,” said Yuhang Wang, associate professor in the School of Earth and Atmospheric Sciences.

“Finding this large amount of NOx traveling across the Pacific is important because it will allow us to build better models so we can better understand how pollutants created in one region of the world are affecting the other regions.”

For the same amount of NOx, ozone production is faster in May than April because there is more ultraviolet light and water vapor available in May,” said Wang. While it’s not clear whether this trans-Pacific transport is coming from Asia or as far away as Europe, given Asia’s proximity and its burgeoning industrial activity, Wang suggests it is the more likely source. The next step in this research is to study chemical measurements over East Asia to see if there is indeed a link to this seasonal transition and emissions from Asia.

Wang, along with colleagues from Tech, the University of California at Irvine and the National Center for Atmospheric Research studied data from the Tropospheric Ozone Production about the Spring Equinox (TOPSE) experiment when they found much larger amounts of an array of chemicals, including NOx and ozone, than predicted by current models.


Formed when fuel burns at a high temperature, all sources of NOx are manufactured, with automobile exhaust, electric utilities and industrial activity responsible for the bulk of human-produced NOx. The amount of NOx present largely determines how much ozone, a major component of smog, is produced in most regions of the atmosphere.

“With a very small amount of NOx (accumulating), as long as you have all these emissions of carbon monoxide and hydrocarbons, the NOx sits there and continuously produces ozone. So in a way you really don’t need a lot of it, but when you have a lot of it, it tends to produce ozone faster,” said Wang.

Current models have shown these chemical species coming across the Pacific Ocean at lower altitudes, but those peak in March and April. Wang’s finding that the higher altitude transport occurs in May is significant, not only because they found a large amount of NOx unaccounted for by current models, but the fact that it’s occurring in May means the NOx is more efficient at making ozone.

As associate athletics director at South Carolina, Radakovich directed financial operations for a $35 million athletics budget, while supervising financing and logistics for $35 million in facilities improvements. He also worked closely with then-South Carolina Athletics Director Mike McGuire to lay the groundwork for the new $70 million Colonial Center Arena in downtown Columbia, S.C.

A native of Monaca, Pa., Radakovich, 47, played football and was student coach at Indiana University of Pennsylvania, where he graduated in 1980 with a bachelor of science degree in finance. He added a master’s degree in business administration from Miami in 1982. He also completed the Sports Management Institute’s executive education program in 1992.

Dan Radakovich’s career in athletics administration

May 2001 - February 2006
Senior Associate Athletics Director, Louisiana State University
October 2000 - May 2001
Athletics Director, American University
March 1994 - October 2000
Associate Athletics Director, University of South Carolina
August 1989 - March 1994
Senior Associate Athletics Director, Long Beach State University
October 1983 - October 1985
Athletic Business Manager, University of Miami
Outreach hopes to draw more girls to engineering

Sandra Song Hayes
College of Engineering

When Electrical and Computer Engineering Associate Professor Ayanna Howard addressed a rapt audience of middle school girls attending the 6th annual "Introduce a Girl to Engineering Day," she underscored the vast potential of her profession.

"Your imagination and heart allow you to dream," she said. "Engineering gives you the tools to turn these dreams into reality."

The event, held earlier this month at the Student Center Ballroom, was sponsored by the Georgia Engineers Week Committee in partnership with the Georgia Tech Women in Engineering Program, IBM and private engineering firms in Georgia.

Though girls represent more than half of the future workforce, when it comes to engineering, the gender ratio becomes skewed. In an effort to challenge that stubborn reality, the National Engineers Week Committee strives to reach out to girls of all ages to ignite an early interest in entering the field of engineering.

The underlying belief held by sponsors of events such as this is that if more girls are intrigued by the possibilities that engineering and engineering careers offer, more will take the educational steps to pursue engineering after high school.

In the course of the half-day event, nearly 250 of Georgia’s best and brightest female middle school students participated in hands-on activities that demonstrated engineering applications, collected information on engineering majors and careers and interacted with a team of 50 Georgia Tech student and professional mentors through informal and table discussions. Meanwhile, nearly 100 parents attended an engineering information session and participated in a tour of Tech’s campus.

Middle school students learn about engineering applications through hands-on activities as part of "Introduce a Girl to Engineering Day."

Georgia Tech communicators win awards

Georgia Tech communicators won five awards — including two top honors — in the District III competition of the Council for the Advancement and Support of Education (CASE). The awards were given earlier this month at the organization’s 2006 conference in Nashville, Tenn.

The Georgia Tech Alumni Association won three awards, including the Grand Award in the general news story category for “Viewing Cancer in a New Light,” a 24-page section that appeared in the Winter 2005 issue of the Alumni Magazine.

Alumni Magazine Managing Editor Kimberly Link/Wills received an Award of Excellence in the feature written category for an article, “The Road Less Traveled,” which chronicled the Appalachian Trail trip of Gene Eapy. Tech Topics won an Award of Excellence for its 2005 issues.

Research & News and Publications Office Manager John Toon won the Grand Award in speechwriting for “Innovation in Our Future: the Challenges Ahead,” done for Vice Provost for Economic Development and Technology Ventures Wayne Hodges. The presentation, for a meeting of electric industry executives, described national competitiveness issues and innovations such as LED lighting and renewable energy sources being developed at Georgia Tech.

The Georgia Tech Research Institute won a Special Merit Award in the media relations project category for promotion of the ULTRA-AP concept vehicle developed at the Office of Naval Research, which has generated more than 40 news media reports.

CASE District III represents the southeast United States.

Study continued from page 1

tracked the R&D work coming into the United States from abroad as well as projects moving in the reverse direction, identified favored countries for locating R&D work and outlined trends for future R&D expansion.

More than half of the U.S.-based companies that responded to the survey report that they have either recently expanded or planned to open R&D facilities in China and India versus other developed countries. Of 63 Western European companies responding, 13 plan to expand or locate new R&D facilities in the United States. In both developed and emerging countries, the top factors influencing corporate decisions about R&D locations are market growth potential, quality of R&D talent, university collaboration, and IP protection. Cost wasn’t the most important consideration in either developed or emerging countries, despite media reports to the contrary.

One of the study’s most surprising findings was the role university collaboration plays in the corporate decision-making process. Collaboration was a particularly important factor in the decision to expand R&D into emerging countries, even though they offer less IP protection.

IN BRIEF:

Something for everyone at Earth Day

Georgia Tech will celebrate Earth Day on Friday, April 21, along Skiles Walkway. Those who wish to be involved may volunteer to help with the event or participate in the many recycling events during the day. Among the planned events are:

- T-shirt design contest: A $500 prize will be given to the winner of this contest, open to all Georgia Tech students, faculty, staff, alumni and retirees. The deadline for submissions is March 17, and a list of contest rules and design criteria are listed at the Earth Day Web site.

- Environmental Leadership Award: The annual Environmental Leadership Award will be presented at Earth Day, and will recognize a campus leader in ecological and environmental issues. The deadline for nominations is Friday, March 17.

- Recycling at Earth Day: This year’s Earth Day will offer several recycling events. Bring unwanted athletic shoes, cellphones, toner cartridges or electronic waste to be recycled.

Information about all Earth Day programs is available at www.earthday.gatech.edu.

Grant to assist Tech in training high school CS teachers

The Toyota USA Foundation has announced that Georgia Tech’s Center for Education Integrating Science, Mathematics and Computing (CEISMC) has been named the recipient of a $150,000 grant to support the Institute for Computing Education (ICEdTech) Program.

ICEdTech, a year-round secondary education teacher training initiative, is designed to strengthen the technology skills of current and future computer science teachers, resulting in advanced placement (AP) computer science courses being offered in Georgia high schools.

Delivered by the College of Computing, the program hopes to increase the number of public high schools in Georgia that offer AP Computer Science from fewer than 50 percent to all 376 public high schools in the state within in the coming decade.

More about the program is available at www.cc.gatech.edu/ice.

Pi Mile Road Race

Mark your calendar for the 25th annual Dean Griffin Pi Mile SR Road Race! Named after former Georgia Tech Dean of Students, George C. Griffin, the race planned for Apr. 22 is a long-standing Tech tradition as well as one of the oldest continually running road races in Atlanta. In addition, a portion of each entry fee goes toward supporting Georgia Tech through Roll Call — Tech’s unrestricted annual fund — to provide funding for areas such as student scholarships, faculty recruitment and retention, and cutting-edge facilities.

For more information, visit www.gtaaumni.org/PIMile.
**Art & Culture**

**Mar. 2**
The School of Mechanical Engineering Woodruff Colloquia Series welcomes The Ohio State University Professor Taylan Altan on “Precision Forming and Hard Turning,” at 11:00 a.m. in the MARC Auditorium. For more information, call 894-8164 or e-mail steven.liang@me.gatech.edu.

**Mar. 2**
The Health Systems Institute — a collaboration between Georgia Tech and Emory University — hosts a symposium on “Transforming Health Care” with a keynote address by former U.S. Rep. Newt Gingrich at 9 a.m. in the Global Learning and Conference Center. For more information, visit www.hsi.gatech.edu.

**Mar. 7**
The Materials Council welcomes Harvard University Professor David Weitz on “Colloid Science One Particle at a Time,” at 3 p.m. in room 183, Love Building.

**Faculty/Staff Development**

**Mar. 6**
The Office of Organizational Development sponsors a one-day seminar in “Business Writing Skills.” To register, visit www.trainsweb.gatech.edu.

**Mar. 7**
The Office of Organizational Development sponsors a one-day seminar in “Time Mastery.” To register, visit www.trainsweb.gatech.edu.

**Mar. 9**
The Office of Sponsored Programs hosts a workshop in “Finding Funding.” To register, e-mail nadia.zitman@osp.gatech.edu.

**Miscellaneous**

**Mar. 15**
The Office of Organizational Development sponsors a one-day seminar in “Proofreading Made Easy.” To register, visit www.trainsweb.gatech.edu.

**Mar. 20**
The Georgia Tech Language Institute’s English as a Second Language (ESL) program begins. The six-week sessions are held Mondays and Wednesdays from 6-8 p.m. until Apr. 26. Tech employees are eligible for a 50 percent discount. For more information, visit www.pe.gatech.edu and search keyword “ESL” or call 385-3560.

**Mar. 22**
The Office of Organizational Development’s Best Practices Showcase will be from 1-5 p.m. in the Student Center. For more information on the presentations, visit www.ogrex.gatech.edu/bp.

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**Brown Bags/Conferences/Lectures**

**Feb. 28**
The Library’s Tuesday Talks lecture series continues with Professor August Giebelhaus, on “Visionary or Autocrat? Pat Crecine and Georgia Tech Reorganization, 1968-1990” at 2 p.m. in the Wilby Room. For more information, call 894-8530 or e-mail prgroup@library.gatech.edu.

**Mar. 11**
The Ferst Center for the Arts welcomes Nashville Bluegrass Band & Bering Strait for an 8 p.m. performance. For tickets and information, call 894-9600 or visit www.ferstmt.org.

**Mar. 12**
The Center for the Study of Women, Science and Technology and the ADVANCE Program co-sponsor “Institutionalizing ADVANCE: Town Hall for Women’s Awareness Month,” at 3-5 p.m. in the Clary Theatre. A reception will follow the event. For more information, e-mail carol.colatrella@cc.gatech.edu.

**Apparatus**

**Feb. 24**

Sears Kenmore Series 70 washer and dryer, like new condition. $600. Photos available. E-mail david.gifford@gtalumni.gatech.edu or call 678-232-5475.

**Automobiles**


2000 Chevy Malibu, sandstone, auto, V6, CD, reliable transportation. $6,000. Call 770-605-5874.

2002 Silver Mitsubishi Mirage, 61,000 miles, automatic transmission, power steering. Great starter car, good condition, $5,000. Call Audrey at 678-538-7561.

2005 convertible VW Beetle. 29K miles, automatic, front & side air bags, leather. CD changer with MonoSon sound system. Great gas mileage. $14,500. Call 770-810-8067 or e-mail rusty.embry@vte.gatech.edu.


**Furniture**

Matching tan microfiber sofa and loveseat. $500. E-mail editor@icpa.gatech.edu.

**Real Estate/Roommates**

Spacious garden level 1BR/1BA apartment in Midtown for $800/month, available immediately. Private garden entrance, fish pond, optional garage parking, lots of closet space, north and east facing windows. E-mail ellendo@gatech.edu.

28R/2.5BA condo corner in Cross Creek, hardwoods downstairs, carpet upstairs, patio, par-3 golf course. Desperate law student must sell. Priced reduced to $154,000. Pictures available. E-mail Dibling1@gmail.com or call 678-642-5999.

We are looking for a house with a dock on Lake Hartwell to rent long-term, mainly the spring and summer months. Call Kathy at 770-975-3794.

Two-story condo share in Midtown for $400/month, utilities included. Call 404-605-7012 or e-mail eileengram@juno.com.

**Miscellaneous**

Panasonic PV-FS547P digital palm-corder, 50x optical/1000 zoom, 1- inch color CCD, remote control, memory card, carry case; AC adapter; 2 batteries, 3 DVC cassettes, software. $375 OBO. Call 894-0065 or e-mail eileengram@juno.com.

Free: young, male parakeet to a good home, cage included. Handsome bird in great health. We have an older pair that are breeding and can not be around other parakeets. Call 404-429-9552 or e-mail bryan@seuro.gatech.edu.

Fiberglass camper shell from 1992 Toyota pickup. Sliding windows front and right side and toolbox window on left. Also a complete set of roof racks. $400. Photos available. Call 678-232-5475 or e-mail david.gifford@gtalumni.gatech.edu.

New Kenmore model 15408 sewing machine. Never used. 51 stitch functions, foot control, easy drop feed dog system for freehand embroidery. Needle plate with dual seam guides in both inches and millimeters. $75. Email lp129@mail.gatech.edu.