GTOC Welcomes The IOC To Tech Campus And To Atlanta In Grand Style

By Vera L. Dudley

Atlanta was in full welcoming gear last week when a large group of International Olympic Committee (IOC) dignitaries came through inspecting the Tech campus and the city for their abilities to host the 1996 Summer Olympics.

During the four-day visit, the 10 members were entertained as the Tech community and Atlantans gave new meaning to "southern hospitality" with the use of large welcoming crowds, music, stunts, media attention and day-long festivities.

When the group arrived at Tech on April 5, it was evident that the GTOC had been encouraging the Tech community to assist in providing an impressive display of support on the steps of the Wardlaw Center. Over 50 people were in place with balloons, buttons and Olympic clothing to show Tech's support for the Olympic bid.

To add to the excitement of meeting the officials, Olympian Carl Lewis, appeared at the tail end of the entourage, prompting expressions of delight from fans surprised by his unexpected presence. Also mingling with the distinguished group of voting officials were President John P. Crecine (in background).

See Olympics, page 3

Environmental Forum To Host Various Events Leading Up To Earth Day 1990

With Earth Day 1990 quickly approaching on April 22, the Environmental Forum of Georgia Tech will sponsor a wide variety of free activities on campus from April 16-20. For more information, call Jim Pearson at 875-9354 or Jennifer Briggs at 875-9287.

On Monday, April 16, "Building Bombs," the story of individuals whose lives and livelihoods were wed to the Savannah River Plant, will be shown at 6 p.m. in the Student Center Theater.

"The Ballad of Lord Nann," an outdoor pageant performed by professional dancers, mimes, singers, and actors, tells about the fate of the earth from the water's point of view. Performances will be given on Wednesday, April 18 at noon and 6 p.m. on the Student Center Steps.

An opening reception will be held for the 17th International Dogwood Festival Art Show at the Student Center Art Gallery from 5:30-7:30 p.m. The exhibit features many artistic expressions of Earth Day, and it is sponsored by the Atlanta Playhouse Theatre and Georgia Tech.

The Atlanta Dogwood Festival, produced by the Women's Chamber of Commerce of Atlanta, will take place on Earth Day, April 22 at Piedmont Park from noon-6 p.m. The Environmental Forum will have displays at the festival along with many other organizations.

GTRI Plays Different Roles In Bringing Georgia's Top Students To Tech

By Ginger Pinholster

Research Communications Office

Georgia Tech can no longer be described as "that engineering school in Atlanta."

Today, a statewide network of regional offices operating as part of the Georgia Tech Research Institute (GTRI)'s Economic Development Laboratory coordinated a "Showcase" event to promote awareness of Georgia Tech's academic, research, and economic development programs.

Several Showcase events are planned each year, either on campus or at one of GTRI's 12 regional offices.
Hale To Receive Alumni Award From Purdue University
By Vera L. Dudley

In light of his achievements in the field of advanced mathematical research and education, Purdue University has awarded its Distinguished Alumni Award to Jack K. Hale, professor in Tech's School of Mathematics.

The award is one of five that will be presented at a banquet later this month to Purdue's alumni—"who have performed in an exemplary manner" in their field of study. In addition to teaching and research, Hale serves as co-founder and director of Tech's Center for Dynamical Systems. The Center, associated with the School of Mathematics, was established approximately two years ago to strengthen the existing research activities in dynamical systems, differential equations and non-linear analysis.

Hale is also editor-in-chief of the Journal of Differential Equations, a monthly professional journal focusing on the international study of mathematical equations.

GTRI... continued from page 1

Office locations:
During the most recent Showcase, 35 top students from Macon and surrounding areas—along with their parents and local community leaders—were able to meet with President John P. Creecy as well as other Tech officials. They also had a chance to catch the Georgia Tech/Clemson game.

"Showcase allows the students to interact with administrators and faculty while they get to see some of the campus," says Associate Vice President E. Jo Baker in the Office of Academics and Research Support.

Several Macon-area candidates for the Presidential Scholarship Program attended the event. The regional offices help locate potential presidential scholars by working with local schools and conducting interviews with outstanding students, explains Dr. David Clifton, director of the Economic Development Laboratory.

"When we plan a Showcase, we invite the high school counselors, and we ask the very best students to participate," Clifton says. "Everyone likes this special kind of attention."

Graduate Research Programs Help, Too
But Showcase is not GTRI's only vehicle for attracting top students.

The Graduate Research Assistantship (GRA) program allows outstanding students to work in world-class research facilities while advancing their education at Tech. During the 1989 fall quarter, GTRI directed 108 GRAs and graduate co-op students. Roughly half of those students were supported by GTRI's Office of the Director, reports Dr. James Willo, an associate director for the research institute.

"All of our new entry-level employees are required to be admissible to graduate school and to work toward advanced degrees," adds Dr. Donald Grace, director of GTRI. "If they had gone into industry, they might never have continued their education—especially at Georgia Tech."

Science Fair And Civic Work
At GTRI, employees like Senior Research Associate Gene Greneker often initiate informal recruitment programs. Greneker, who works for the Technology Development Division within GTRI's Radar and Instrumentation Laboratory, frequently invites local high school students to work in his Cobb County labs during spring or summer breaks.

"I think our future is with our young people, and if we don't encourage them, there won't be any engineers or scientists in the future," says Greneker.

Greneker and others often serve as judges during high school science fairs. In fact, Greneker says GTRI recently established an "Excellence in Engineering" award, to be presented during the annual State Science Fair in Athens, Ga.

"Regional office employees are always prepared to answer students' questions, says Dr. David Swanson, principal research associate and chief of EDWEDL/GTRI.

In the Douglas, Ga. regional office, Director Sherman Dudley advises students who have never met an engineer before.

"Youngsters who are not exposed to any adults in the scientific or technical fields don't have a sense of what people in those careers do," Dudley comments. "These students need our help in deciding where they can fit in."

Greneker believes Tech should work harder to interest very young students in science and technology. Ongoing cooperative programs could help attract more outstanding students to Tech, he says.

Briefly...
Course Offerings - Education Extension will offer the following courses during the remainder of April: April 22-27, "Hazardous Material Control and Emergency Response," course $750, optional exam $75; April 22-27, "Sampling Methods and Statistical Analysis in Power Systems Load Research," $800; April 24-26, "Modeling and Simulation/Training Applications," $650; April 22-27, "Strategic Management for State Governments," in Los Angeles, Calif., $495. For more information, call 4-2547.

College Night - Tick'A'Tech has discount tickets available for faculty, staff and students for Six Flags College Night '90. The event will take place April 27, 6 p.m.-mid-night. Tickets are $11.50 each (regular admission price is $20).

The evening will also feature Holly Faith, Skin Deep, Follow for Now, and Something free with pad admission. For more information, call Tick'A'Tech at 4-2519.

Faculty Women's Club Event - Don Lillie, a "glassblower extraordinaire," will speak to the Faculty Women's Club on April 16 in the Georgia Tech Faculty Club (located in the Alumni/Faculty House). For more information, call Rosalind Ho at 639-3589.

School Needs Seamstress(es) - TeXTech Enterprises, a student-run company within the School of Textile and Fiber Engineering, is looking for seamstress(es). For more information, call Leslie or Frances at 4-2490.

Job Hunting?
If you're looking for employment opportunities, call the Job Line in the personnel office—ext. 4-6592.
Akins Named Acting Director Of Tech's Co-Op Division

According to a recent memo from Acting Executive Vice President Michael E. Thomas, Thomas M. Akins has been appointed acting director of the Cooperative Division. He replaces William H. Hitch, who retired at the end of March. Akins has served as associate director for Tech's Cooperative Division since 1982. He previously served as assistant director of the division from 1976-1982. In those positions, his duties included working with the division's admissions program, orientation sessions and being responsible for approximately 450-800 engineering and science students.

An industrial engineering cooperative plan graduate of Georgia Tech in 1974, Akins also holds an M.B.A. (1977) from Georgia State University. Akins is an active member of the American Society for Engineering Education, Cooperative Education Division in which he is currently chair-elect. He has also held the positions of program chairman and secretary-treasurer, and is past recipient of the Chairman's Award.

Nerem Recently Awarded Honorary Doctorate And AAAS Fellowship

Professor Robert M. Nerem, who holds the Parker H. Petit Distinguished Chair of Engineering in Medicine in the School of Mechanical Engineering, has received several honors this spring.

On March 28, Nerem was awarded an honorary doctorate from the University of Paris Val de Marne. He was the only American among three recipients honored for their contributions to medical research. The president of the university officiated at the afternoon ceremony, which included the presentation of a medal to Nerem and the addition of his signature to the university's special register of honorees.

Following the ceremony, Nerem was honored at a reception and dinner. Earlier in the day, he was invited to present a lecture on cellular biomechanics to colleagues at the university.

In February, the American Association for the Advancement of Science announced Nerem's election to the rank of Fellow. The group cited his "innovative research in biomechanics, significant contributions to engineering education, and leadership in the development of the field of biomedical engineering."

Nerem was also selected as speaker for the Third Annual Vaishnav Memorial Lecture at Catholic University in Washington, D.C. He spoke on "Hemodynamics and Atherosclerosis" at the University's School of Engineering and Architecture.

In addition to these recent honors, Nerem serves as president of the International Federation for Medical and Biological Education and as chairman of the U.S. National Committee on Biomechanics. He is a member of the National Academy of Engineering and a Fellow of the Council of Arteriosclerosis of the American Heart Association, the American Physical Society and the American Society of Mechanical Engineers.

People

Housing

Administrative Assistant Winda Norwood recently received an award for outstanding service to residence hall students from the Southeastern Association of Housing Officers. This award coincides with the completion of Norwood's tenth year of employment at Georgia Tech. Her attention to detail and the caring approach she takes with each student makes her a favorite with residents and housing staff.

International Student Services and Programs

Assistant Director Linda Duckworth was recently invited to visit Taiwan by the Cultural Division of the Ministry of Education of the Republic of China. Duckworth was part of a 10-person group of international student advisors from 10 U.S. universities. The purpose of the visit was to study the economic, social and academic conditions in present-day Taiwan.

Mechanical Engineering

Doctoral Student Jed S. Lyons recently won first place in the Student Poster Competition at the 14th Annual Meeting on Composites and Advanced Ceramics in Cocoa Beach, Fla. Lyons was awarded a blue ribbon and a check for $200 for the poster "Finite Element Studies of Crack Growth in a Ceramic Matrix Composite." Assistant Professor Carolyn W. Meyers and Tom Starr, of EMSL/MSD GTRI, are Lyons' co-advisors.

Industrial and Systems Engineering

Gunter Sharp has co-authored Advanced Engineering Economics, which was recently published by John Wiley & Sons. The book will be used as a text in two Industrial and Systems Engineering graduate courses.
Classifieds

For Sale - 2 BR, 2 BA condominium w/nearby wading pool, wet bar, antique mantel/whitewashed walls, beautiful view of creek, Windy Hill Road area, $39,900, lease purchase available. Call Susan Loftis at 4-4610 or 574-2538 evenings.

For Sale - 1989 Mercedes-Benz 300E, 51,000 mi., manual transmission, air conditioning, power windows/locks, sunroof, cruise control, blue, perfect condition, $16,000 flrm. Call 4-4128.

For Sale - Scotts Lawn Spreader, Drum Type, excellent condition. $15. Call Phil at 522-7660 or 522-8612 after 5 p.m.

House for Sale - 3 BR, 2 BA brick ranch on 4+ acres, 40 mi. from Tech, over 1,500 sq. ft., fireplace insert, remodeled baths, den, fruit trees, one acre fenced property. Property is zoned agricultural in Bartow County. Asking $39,900 (negotiable). Call William Frix at 4-8260 days, 397-1102 nights, via PROFSWFRIX.

For Rent - Furnished, 2 RA “roommate floorplan” condo, 9 mi. from Tech (Cumberland Mall area), available starting June 1990, professor taking one year leave of absence. Call 4-4126.

General Faculty To Discuss Statutes Revision April 24

At the Jan. 17, 1990 Executive Board meeting, the Executive Board and the Secretary of the Faculty agreed a proposed change in Section 2.5.9.2 should be included for action in the General Faculty meeting scheduled for April 24, 1990 at 3 p.m. in the Physics Building, Lecture Room 1.

After the first reading of the “Proposed Changes to the Statutes of the Georgia Institute of Technology” at the General Faculty meeting on Oct. 24, 1989, Professor Tim Long, chairman of the Statutes Committee, realized an additional reference to “Vice President for Academic Affairs” had been overlooked in Section 2.5.9.2 and had not been replaced with the new and appropriate title, “Executive Vice President.”

In Section 2.5.9.2 of the Statutes:

“...President shall receive the recommendation of the Vice-President for Academic Affairs [Executive Vice President] and of the Dean of the College of which the Department is a subdivision.”

Secretary of the Faculty Dr. Gary Lunsford, of the Radar and Instrumentation Laboratory/GTRI, said that he and the Executive Board and the Statutes Committee are in agreement that this proposed change is of a like type to the changes presented on Oct. 24, 1989.

“We realize that the Statutes (Section 2.8 and Section 2.5.1) state that proposed changes are to be read at a regularly scheduled meeting of the General Faculty (fall and spring quarters) and voted on no earlier than at the next regular meeting of the General Faculty.”

Lunsford said, “It is our opinion that the desirability of bringing this portion of the Statutes (dealing with Vice President titles) into total compliance with the Georgia Tech organizational structure outweighs the ‘letter requirement’ of the six-month interval between reading and voting.”

Lunsford continued, “particularly when this last proposed change in Section 2.5.9.2 was an oversight and is of the same type as those presented on Oct. 24, 1989.”

Committee Seeking Research Proposals

Each year, monies are made available by the National Institute of Health to support research projects under the auspices of the “Biomedical Research Support Grant,” and the Biomedical Research Support Committee invites research proposals from members of Georgia Tech faculty and staff in the biomedicinal science area.

These awards are intended to support primarily those biomedical and behavior research activities not readily or normally supported by public health agencies. Proposals should be for funds on the order of $5,000 or less.

The proposals must be submitted prior to May 12, 1990. For more information, call Thomas G. Tornabene, of the School of Biology, at 3-4785.

Assistantships Now Available In Space Related Fields

The Georgia Institute of Technology Space Policy Grant College/Consortium, located in the School of Aerospace Engineering, is offering limited graduate research assistantships to qualified female students and/or students in any under-represented group.

Students applying for these assistantships must pursue space-related coursework in their home discipline, e.g., in aerospace engineering, chemical engineering, textile engineering, geophysical sciences, information and computer science, mechanical engineering, physics, chemistry, electrical engineering, materials engineering, or applied biology.

For more information, call Wanda Jeter at 3-0055.

Academics

April 17 - Concert, The Spectrum, 11:05 a.m., Student Center Steps
Outdoor Movie, “Parenthood,” 9 p.m., Student Center Pit (rain location, Archi-
tecture Auditorium)

April 18 - Environmental Forum Performance, “The Ballad Of Lord Darn,” a dramatic outdoor exploration of the fate of the earth from the water’s point of view, noon and 6 p.m., Student Center Steps

April 19 - Environmental Forum, poetry reading, 11:45 a.m., Student Center Steps

Environmental Forum Concert, The Sleepwalkers and The Pigs, 7 p.m., Student Center Lawn

April 19 & 20 - Environmental Forum Exhibits, a variety of companies and environmental organizations will present exhibits including Georgia Power, Amoco and the Fund For Animals, 9 a.m.-4 p.m., Student Center Lawn

April 20 - Gallery Reception, Dogwood Festival Art Show, 5:00-7:30 p.m., Student Center Gallery

April 21 - “Raid on.Dis,” 7 p.m., Student Center

April 22 - EARTH DAY

April 23 - TNN, “Dr. Strangelove,” through April 25

Blood Drive, noon-5:30 p.m., Student Center Ballroom

Lectures & Seminars

April 16 - College of Engineering CIM Series, “The Art and Science of Batch Process Engineering,” Richard M. Felder, North Carolina State University, 8 p.m., Instructional Center, Room 320.

April 17 - Environmental Forum Film Presentation, “Building Bombs,” an in-depth look at the nation’s largest nuclear weapons facility, 6 p.m., Student Center Theatre.

April 17 - International Cultural Exchange Series, Mary Zumont, assistant professor of Political Science at Mercer University will speak on the Middle East at 8:30, Student Center, Room 320.

April 18 - Presbyterian Center Series, “Conversation With Mack Moore,” professor of management, 11 a.m., lower floor, lunch $2.

April 18 - Environmental Forum Lecture, Hagen Thompson, director of Public Relations in the Environmental Protection Agency, will speak about the status of the environment since the first Earth Day in 1970.

April 19 - College of Engineering CIM Series, Ernest Rabinowicz, Massachusetts Institute of Technology, “The Mechanism of Polishing,” 3:30 p.m., Coon Bldg, Room 217.

April 19 - Mechanical Engineering Series, Ernest Rabinowicz, Massachusetts Institute of Technology, “The Mechanism of Polishing,” 3:30 p.m., Coon Bldg, Room 217.

April 19 - Chemistry Departmental Series, Dr. Anthony J. Hayes, GTRI, “Ultraviolet Laser-induced Fluorescence Diagnostics for Combustion and Plasma Studies,” 3:30 p.m., Coon Bldg, Room 217.

April 19 - Mechanical Engineering Series, Ernest Rabinowicz, Massachusetts Institute of Technology, “The Mechanism of Polishing,” 3:30 p.m., Coon Bldg, Room 217.

April 19 - Environmental Forum Lecture, President, John P. Creel, will speak on education, science and the environment, noon, Student Center Steps.

April 20 - College of Engineering CIM Series, Brian Savoie, Cooperers and Lybrand, “CIMS in the Process Industries,” 4 p.m., Instructional Center, Room 320.

Publications

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Address Correction Requested

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