**1990 Georgia Intracollegiate Games Coming To Georgia Tech On May 19**

By Jackie Nemeth

Olympic fever will hit Atlanta once again as 3,400 college students throughout Georgia come together to compete in the 1990 Georgia Intracollegiate Games on Saturday, May 19. The day-long event, sponsored by the Atlanta Organizing Committee (AOC) and presented by the Georgia Tech Olympic Coalition (GTOC), will take place on the Georgia Tech campus.

Site selection representatives from the International Olympic Committee (IOC) will be the AOC's special guests during this event, and the public is invited to attend and to show their support in bringing the 1996 Summer Olympics to Atlanta.

Opening ceremonies begin at 9 a.m. in Bobby Dodd Stadium/Grant Field with a parachute jump and the lighting of the Olympic torch. Runners will have brought the torch from Athens, Ga., where University of Georgia Athletic Director Vince Dooley will have lit the flame, according to Intracollegiate Games Chairman Marc Klein. Mayor Maynard Jackson and former Mayor Andrew Young have also been invited to speak.

"The purpose of the games,"

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**Petersen Stresses Education During Mechanical Engineering Lecture**

By Jackie Nemeth

Emphasizing the need for education in order to be competitive in global markets, Donald E. Petersen, former chairman and chief executive officer of the Ford Motor Co., delivered the first George W. Woodruff School of Mechanical Engineering Annual Distinguished Lecture on April 26.

Petersen pondered the United States' position in world affairs and its ability to compete in global markets. For instance, capital spending in Japan exceeded $750 billion, or 24 percent of their GNP, while the U.S. spent about $50 billion, roughly 10 percent of the GNP.

Petersen stressed the importance of being competitive in global scale is even more important now with tensions lessening around the world and military might becoming less of a world leadership factor.

In addition, Petersen stressed education as a cornerstone of the effort to strengthen the global competitive position of the U.S. in the future. While visiting Japanese businessmen see U.S. research universities as a great strength, according to Petersen, they see the U.S. primary and secondary education systems as a weakness, particularly in science and engineering.

"A nation could hardly stand to do without that kind of positive impact in this highly competitive world," Petersen said. "Yet the possibility that we may have to do without is being voiced in many camps—including government, industry, academia, and among scientists.

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Klein says, "It is to bring together amateur student athletes from approximately 30 of Georgia's colleges and universities in the spirit of the Olympic games and in celebration of the IOC site selection committee's visit."

Any undergraduate or graduate student attending a Georgia college in the 1989-90 scholastic year is eligible to participate. Students who are or have been NCAA athletes in the past 12 months will not be able to participate in their respective sport; however, they may take part in any other competition. Following is a list of events and locations for the 1990 Georgia Intracollegiate Games: Track (George C. Griffin Track), 3-on-3 Basketball (Student Athletic Complex, Peter's Parking Deck, West Campus courts), Volleyball (SAC, Heisman Gym); Swimming (SAC).

Other events include: Windsurfing (to be held at Lake Lanier), Ultimate Frisbee (SAC fields, Bobby Dodd Stadium/Grant Field), Racquetball (SAC), Singles Tennis (Bill Moore Tennis Center), Bowling (Student Center), Billiards (Student Center), Weightlifting (SAC), Table Tennis (O'Keefe Gym), and Golf (to be played at Bobby Jones Golf Course).

Tech's Residence Hall Association and Interfraternity Council will host events for teams that are eliminated early.

Over $400 gold, silver and bronze Olympic style medals will be awarded in the various events. Medals will be awarded at the various event sites; each event will have three winners. Closing ceremonies are scheduled for 7 p.m. at Alexander Memorial Coliseum.

Students, faculty and staff from GTOC and Tech sports clubs will be running registration and will work at the various event sites, according to Klein.

"We have had so much cooperation from everyone on campus; if we did not have that support, we would have nothing," Klein says. "So many people on campus have shown that they are willing to work to bring the Olympics to Atlanta."

"The Olympic games may just come to Atlanta," he says, "but the event would also benefit the entire state of Georgia."

For more information about the 1990 Georgia Intracollegiate Games, call Klein at 873-2862 or GTOC Director Michael D. Furman at 855-9403.

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30 minutes.

In addition, a student can obtain a dietary analysis which will provide information on calorie, fat and protein intake. The conclusion is based on data gathered by the student during three days of monitoring his/her own eating habits.

The center also sponsors wellness and health education seminars and program development services for campus organizations. The seminars or workshops can be arranged to offer information regarding stress management, weight control, communication skills and assertiveness training. Individual confidential consultations for personal wellness can be arranged for those who desire a personalized plan for well being.

The center has also established an information resource center which displays books, newsletters, and specialized brochures that are available to students at any time.

Human Relations, ISSP Offices To Offer "Cold Water"

Office of Human Relations Director Don Bratcher and the Office of International Student Services and Programs Director Miller Templeton will present three sessions of a one-hour workshop entitled, "Cold Water: Increasing Empathy for the International Student Experience," as part of Tech's 1990 International Festival.

The workshop will be held at the Student Center, Room 343 on Wednesday, May 9 at 1 p.m.; Thursday, May 10 at 2 p.m.; and Friday, May 11 at 10 a.m. To reserve your space, call Janice Whatley at 4-8387.

The rest of the 1990 International Festival activities are listed under "What's next" on page 4.

Job Hunting?

If you're looking for employment opportunities, call the Job Line in the personnel office—ext. 4-4902.

Environmental Forum
Trying To Increase Recycling Efforts

By Jackie Nemeth

During the past year, the Environmental Forum of Georgia Tech has run a recycling program at the Student Center. According to Todd Smiley and Matt Brunner, members of the forum, the group is anxious to further increase their operation and to help implement a recycling program in campus office buildings.

The Student Center site (located on the parking deck side) is receiving more recyclable materials than ever, Smiley says. Students, faculty and staff are always welcome to bring glass (jars and bottles with no caps), aluminum cans, white office paper and computer paper to the site. Newspapers may be placed in the red and green dumpster behind Caldwell Residence Hall (on West Campus). Smiley says a major problem with the Student Center site is its small size.

"The current site can only accommodate a small percentage of recyclable materials that students, faculty and staff bring," Smiley says. "We are proposing a permanent recycling site with large, centrally located bins that are visible to passersby. We would also like to increase residence halls' participation by having bins located in or near the dorms."

Recycling white office paper and computer paper in all offices and computer clusters on campus is another initiative the Environmental Forum is working on with faculty and staff, according to Brunner.

In this proposed program with the Recycall Corp., a major office recycler in Atlanta, Brunner says office employees could keep folders designated for both types of paper. When the folders are filled, employees could empty their folders into a container located near their offices. The containers could then be taken to a central receptacle located in a basement or loading dock where Recycall could make its routine pickups.

Brunner says Recycall will examine office floor plans with employees to figure out where the best locations for containers are and are very cooperative with its clients.

"We really think people want to recycle," Smiley and Brunner say. "There are a lot of possibilities; we just all need to work together and organize our efforts."

The Environmental Forum meets each Thursday at 11 a.m. in the Student Center, Rm. 320. Anyone who is interested in further developing Tech's recycling efforts may call Smiley at 874-6435 (P.O. Box 37196) or Brunner at 982-0431 (P.O. Box 35428).

What You Can Do To Help
Save The Earth

This information comes from the U.S. Environmental Protection Agency. For further information, call the U.S. EPA Solid Waste Hotline at (800) 424-9556.

• Recycle paper, glass, plastic, aluminum, scrap metal, motor oil and yard wastes;
• Reuse, repair and recycle as often as possible;
• Consider using reusable mugs, glasses, dishes, cloth towels and sponges instead of disposable products;
• Save your leaves, grass and bush clippings and use as compost;
• Maintain and repair products;
• Donate usable materials to charities or thrift shops;
• Buy recycled or recyclable products;
• Buy durable products—don't buy throwaways;
• Carry your own reusable shopping bag;
• Avoid buying products that use unnecessary packaging—either plastic or paper. Use returnable or reusable containers. Look for pump dispensers rather than aerosol sprays. Buy rechargeable batteries for flashlights, toys, and household items.
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tists and engineers themselves.

Some estimates predict the demand for highly trained professionals will double by the year 2000. However, compared to major competitor nations, the U.S. awards the smaller proportion of first university degrees in the sciences and engineering. According to Petersen, the percentage of the U.S. graduating class majoring in these fields is no larger today than in the 1970s. In addition, large numbers of science and engineering faculty are expected to retire in the 1990s.

"If present patterns persist," Petersen said, "we will face an estimated shortage of up to 700,000 scientists and engineers early in the 21st century."

To expand the U.S. scientific and technical foundation, the Business-Higher Education Forum, which Petersen co-chaired, determined in late 1988 that renewed commitments must be made to mass production mathematics in early grades. Other steps include the establishment of a secondary school for math and science in each state, offers of merit awards, and increased funding for laboratories and instruments.

Petersen praised efforts such as the southeastern Consortium for Minority in Engineering, headquartered here at Tech, the Callaway Manufacturing Research Center, and Tech's continuing education work with industry and engineering firms. However, he continued to stress that "faculty and students must take a special interest in the education of future generations of talent. We must help ensure that we not only have enough scientists and engineers, but that they are also adequately and properly prepared."
What's next

ACADEMICS
May 7 - TTN, "Dreamscape," through May 13, Student Center, 1st floor
May 11 - TTN, "Speaking of Science," competition, 11:50 a.m., Student Center Steps
May 12 & 13 - Movie, "Coming to America," 7 p.m., 9:30 p.m. & midnight, (Saturday, 8 p.m. & 10 p.m.), Architecture Auditorium, $1
May 14 - TTN, "Fire & Ice? Journeys to the Center of the Earth," through May 20, Student Center, 1st floor

LECTURES & SEMINARS
May 10 - Structural Mechanics Seminar, Sathya V. Hanagud, professor, School of Aerospace Engineering, "Smart Structures," 2:00 p.m., SSS Bldg., Rm. 2
Mechanical Engineering Series, Taylor Wang, Vanderbilt University, "Physical Acoustics for Space Applications," 3:30 p.m., Coon Bldg., Rm. 217
Chemistry Departmental Seminar, Ames Smith III, University of Pennsylvania, "Photosynthesis of Echinopsir: Recent Progress in SK095," 3:30 p.m., Boggs Bldg., Rm. B4A
May 11 - Institute of Paper Science and Technology Series, J. Mathis, "Reflected Far-red Light Effects On Plant Growth & Development," 11 a.m., Paper Science Facility, Rm. 279
May 14 - Electrical Engineering Series, Baouf Halif, Hayes Microcomputer, "An Analog End for High Speed Fast Turnaround Moderns," 3 p.m., Van Leer Bldg., Rm. 324
Chemical Engineering Series, Keith P. Johnston, University of Texas, 3 p.m., Benger-Henry Bldg., Rm. 311
Chemistry Departmental Seminar, Jack Noton, Colorado State University, "The Formation and Fragmentation of Diosmacyclobutanes," 3:30 p.m., Boggs Bldg., Rm. B4A
Center for Engineering CMS Series, Bob Hogan, Russell Corp., "Implementing CIMS in a Vertical Integrated Manufacturing Environment: The Role of Organization, Technology & Architecture," 4 p.m., Instructional Center, Rm. 209

Georgia Tech Club Meetings/Events & Speakers, Call 4-2391
May 9 - Birmingham, Sherman Dillard, Mark Hendrickson
May 10 - Charleston, Danny Smith
Jacksonville, Homer Rice
Nashville, Bobby Cremins
Washington, D.C., Bobby Ross
May 12 - Northeast Ohio, John Young, Rick Roberts
May 14 - Winston-Salem, Mike Thomas

1990 International Festival
May 9 - "Cold Water: Increasing Empathy for the International Student Experience," Dr. Don Bratcher, director, Office of Human Relations, and Miller Templeton, director, Office of International Student Services and Programs, 1 p.m., Student Center, Rm. 343 (also held on May 10 at 2 p.m. and May 11 at 10 a.m.)
May 10 - Opening ceremonies, Dr. Dan Papp, director, Department of International Affairs, 11 a.m., Student Center Balloom
Display of Cultures, 11 a.m.-2 p.m., Student Center, 1st & 2nd floors
International Food Fair, 11:30 a.m.-1 p.m., Student Center Balroom, $3.50
Concert, "The People," 12:40 p.m., Student Center Balroom
Geography Genius Search, 1 p.m., Student Center, Rm. 319
Ping Pong Championship, 5 p.m., O'Keefe Gym
May 11 - Volleyball Championship, 4 p.m., Student Athletic Complex
Cultural Silent Night, 7:30 p.m., Student Center Balroom
May 12 - Soccer Championship, 10 a.m., soccer fields behind SAC
Bowling Championship, 5 p.m., Student Center Bowling Lanes

Classifieds
For Rent - 2 BR, 1 BA, duplex, LR, DR, kitchen, fireplace. Less than 1 mi. from campus, $350/mo. Call Kathy Fuller at 876-3662 evenings.
For Rent - Furnished 4 BR house in East Cobb behind Merchants Walk. Garage, fireplace, pool and tennis. Non-smoking professional or responsible grad. students only. No pets. Sept.-June, $595/mo. Call 4-5656 or 977-7393 evenings.
For Rent - 2 BR house w/covered porch, 8 mi. N.W. from campus, refrigerator & stove, new carpet & paint. $350/mo. plus gas and electricity. Call Mr. Lilly at 4-3564 or 992-4044.
Vacation Rental - Pensacola
Beach 2 BR, 2 1/2 BA, beautifully furnished, ideal location (pool, Pensacola Sound and Gulf beaches). Weekly reservations for June through August now available. Call 971-0136.
For Rent - Furnished, 2 BR, 2 BA, roommates floor plan condo, 9 mi. from Tech (Cumberlant area), available starting June 1990. Price negotiable in 24 hours. Call 4-6966.
Roommate Wanted - Little Five Points area, near MARTA, hardwood floors, cable TV, dishwasher, $217/mo. plus utilities. Available now. Call 4-5410.
Roommate Wanted - Clean 3 BR apt. to share w/2 scientists from France. Lease 6 mos. at least. Available July 1. $200/mo. plus utilities. Cable, pool table, swimming pool and laundry, on Collier Road. Call Gill at 4-7029 or 350-8544 evenings.
For Sale - 20 in. Magnavox, TV w/rnote & manuals, $229; racing blie, European, Shimano acces-

Environment... continued from page 3

implications cannot be ignored in the struggle for a safer, cleaner world.

"The environment is not only a regulatory problem but an economic problem. We have to change underlying technology so that it mitigates against the environmental impacts," Creccine suggested. "There is a possibility of a technological fix. We need to find technologies that are cheap, but don't create environmental problems."

In response to questions concerning the absence of environmental studies in Tech's curriculum, Creccine had encouraging words and heavily praised the efforts of the Environmental Forum.

"Our efforts in environmental issues can be incorporated into the curriculum in two ways. Environmental sciences is one way. A public policy program is another," Creccine said. "We may be late starting in this area, but in 4 or 5 years we should be better!"

In answering another student's question about Tech's efforts in improving the environment, Creccine explained how plans for increased housing will impact positively on air pollution.

"Increasing housing stops us from forcing 4,000-5,000 students to drive to campus every day. This will produce less air pollution and we should save some time," Creccine said.

Briefly...

Course Offerings - Education Extension will offer the following courses during the second half of May: May 25-26, "Negotiating and Managing Public Conflict (San Francisco, Calif.)," $450, and "Strategic Management for State Government," $405; May 24-25, "Improving Management Skills," $425; May 29-June 1, "High Voltage Engineering," $350; May 31-June 1, "Sales Management," $495. For more information, call 4-2547.

Soap & Suds For Habitat - Phi Kappa Tau fraternity is sponsoring a "Soap & Suds" car wash on Saturday, May 12 from noon-5 p.m. at Tenth and Peachtree streets. Proceeds ($5 per car) will go to Habitat for Humanity. The brothers of Phi Kappa Tau and sorority members at Tech, West Georgia College and Brenau College will be on hand to wash your car, so come on out for "Habitude!" Bands will be playing and prizes will be awarded throughout the day.