1996 Summer Olympics Addressed At National Advisory Board Meeting
By Jackie Nemeth

Georgia Tech administrators addressed questions of "Olympic" proportions at the National Advisory Board meeting on Oct. 12. While all of the presenters praised Tech's efforts in securing the 1996 Summer Olympics, they also stressed much work lies ahead.

Tech President John P. Crecine said Tech became involved very early in the Olympic bid process. Crecine praised Jack Pinkerton, Executive-in-Residence in the School of Management, and his students for their assistance in designing the compact infrastructure of the Atlanta Games; Tech alumnus A. Russell Chandler III, the driving force behind creating the plans for the Olympic Village to be located at Tech; the development of the 3-D interactive computer model by a team of faculty, staff and students led by Fred Dyer and Michael J. Sinclair; and the Georgia Tech Olympic Coalition which greeted the many International Olympic Committee members as they visited Tech.

"From now through 1996, we have a different and much broader task," Crecine said. "We need to provide some mechanisms for mobilizing the necessary expertise for the creation of the Olympic Village and for other opportunities coming our way and to seek out opportunities that would be appropriate for Georgia Tech's educational and research missions."

A 1996 Committee has now been established for Tech, Crecine said. Consisting of eight executive members and over 40 other members, the committee's mission is two-fold — to help stage the best Olympics ever in a way that is consistent with Tech's research, educational and service missions. In 1997, Crecine said, the goal is "for Tech to be in a much better position than we are now."

Acting Executive Vice President Michael E. Thomas said the 1996 Summer Olympics presents Tech with tremendous opportunities and challenges.

"Tech's Olympic movement has been a completely voluntary effort from students, faculty and staff," Thomas said. "The Olympics effort has given the Tech community a feeling of being involved in something bigger. It helped draw the community together."

Opportunities for undergraduate and graduate student recruitment will be incredible, Thomas said. The Olympics will also help in attracting new faculty to Tech.

"There is more national and international standing of a top-ten engineering college at Tech as some of Tech's many strengths. However, he said, there are weaknesses that should be studied and eliminated—one of which is the current low level of state funding."

"The resources we get from the state are grossly below what they should be," Crecine explained. "If we were in Tennessee, Mississippi, Florida, North Carolina or any of the surrounding states, our budget would be anywhere from 50-70 percent greater than it is. That shows itself in many ways." He said increased funding would be used to add faculty and equipment in key academic areas.

Crecine also expressed concern over the state and local governments' view of Georgia Tech and public knowledge of the Institute outside of the southeast. He said that Tech is viewed as a "fine engineering school," with a narrow set of programs, that it does not work effectively with other units of the State University System and that its research is viewed as ex.
President John P. Crecine Announces Establishment Of The 1996 Committee
(The following is a message from Tech President John P. Crecine.)

"Enormous opportunities await the City of Atlanta as the host of the 1996 Summer Olympic Games. Georgia Tech's participation with the City and the Olympic organizing committee in the Atlanta Olympic effort requires a great deal of planning, coordination and preparation.

"In order to begin this process, I am announcing the formation of The 1996 Committee within Georgia Tech. The 1996 Committee's task is broad but simple: plan and for anticipate the changes and opportunities the 1996 Olympics present to Georgia Tech, consistent with helping to stage the best Olympics ever.

"The 1996 Committee, whose composition will be announced soon, will be a broadly representative group that includes members from all parts of the Institute. The intention is to have the 1996 Committee members lead a number of task forces to address specific problems and exploit particular opportunities related to Georgia Tech and the 1996. I will chair this committee, aided by Vice Chairs for Community Affairs (Dr. Norman Johnson) and Facilities (Dr. Joseph E. "Tim" Gilmour) and John Friedmann, as Executive Coordinator, will share responsibilities for Committee operations."

Oracle: A Plan That Will Permeate The Life of Every Department
By Vera L. Dudley

Oracle. More and more people at Tech are becoming familiar with that name and the idea to spread the use of the software across campus. But how will it help Tech's huge administrative staff and how will it affect those who interface with these offices? When will it take place and how long will it take to complete the task? How much, if any, inconvenience will it cause and how will it affect departmental budgets?

In a recent discussion with Ruth Strausser, a data administrator in Information Systems and Applications who is heading up this effort, any questions about Oracle were answered as well as others that will be covered in later editions of the Whistle. Below are excerpts from a discussion that you may find of interest if you are a database user.

Whistle: I understand that President Crecine has encouraged the initiation of this project and the completion of the conversion as soon as possible. Where do you suggest he saw the problem and how will the conversion help rectify it?

Strausser: We do have many databases and computers and it is necessary for anyone who needs information to access several computers under different operating systems. This tends to discourage people from using the information that is available. So in the interest of making the data that people need available to them more easily, Dr. Crecine suggested strongly that Tech make plans immediately to select some type of software that will help those on campus to communicate better through the use of a common interface.

Whistle: Will the entire campus be using Oracle someday or will it be limited to certain departments?

Strausser: At the moment the real concentration is on conversion of administrative systems. However, we encourage everyone who's interested to try it.

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international interest in Georgia Tech now than there was on Sept. 17," Thomas said. "Students and faculty everywhere know that new and exciting things are happening at Georgia Tech, and they will want to be part of the action."

The 1996 Summer Olympics also presents new opportunities for Tech to reach out to the community. For example, inner city middle school students could come and work with Tech scientists and engineers on projects related to the Olympics. "Because of the Olympics and outreach efforts this event presents," Thomas said. "Tech could have a pool of minority engineers and scientists we might not have otherwise."

Other "Olympic" opportunities for Tech include writing a definitive history of the modern Olympic Games; developing command, control and logistics systems; and improving language instructional capabilities.

Thomas stressed faculty and staff involvement is needed for solutions to problems that the Olympics will present. Problem areas include how to structure the 1996 summer quarter (since an average of 40 percent of Tech's student body attends summer school) and how to keep ongoing research programs in operation and how to keep them secure.

"With every good thing, there comes some problems, and we need everyone's input for solutions," Thomas said. "But I think the Olympics are going to make Tech the place to be for students."

Vice President for External Affairs James M. Langley said the things that have made Tech tick continue to bolster the Institute's efforts with the Olympics. Those characteristics include a future-oriented outlook, technological excellence, pragmatism, discipline, outreach in the city and state, and broadening of the academic curriculum.

"Georgia Tech was shown at its best through its futuristic 3-D model of Atlanta used in the Olympic bid," Langley said. "This project demonstrates possible economic opportunities and the results of a strong work ethic."

"Georgia Tech — We Expect More!" is a new theme that will be incorporated into Institute publications and student recruitment materials. This new slogan is now even more fitting. Langley said, due to the many opportunities and challenges the Olympics will bring.

John Friedmann, special assistant to President Crecine, said the Olympics will be a sort of "coming out" party for the city, state and region in 1996 and the region has a chance to demonstrate its competence. Friedmann said one of the five "A's" used to sell Atlanta's bid was "ability."

"The International Olympic Committee was impressed with the way Atlanta used technology through the 3-D computer model," Friedmann said. "They expressed confidence in Atlanta's use of technology to devise creative and superior solutions for logistical problems."

For Tech, Friedmann said, the Olympics will enhance visibility and provide new intellectual opportunities for faculty, staff and students.

"Atlanta is in a position to excite the Olympics on a whole new paradigm," Friedmann said. "Georgia Tech is in a position of helping present the best Olympics ever!"

Joseph E. "Tim" Gilmour, vice president for Strategic Planning and executive assistant to President Crecine, said that Tech is not only challenged to plan for the best Olympics ever, but also to develop a plan that is good for Georgia Tech in 1997.

In 1997, Tech will have residence hall space for as many as 4,500 more students, a newly landscaped area around the Student Center; a natatorium behind the Student Athletic Complex, and a substantially improved campus utilities infrastructure. Gilmour said that Olympics-related construction will total approximately $200 million.

"We plan to strengthen and control facility development here — we will do everything possible to build and operate these facilities in plenty of time for the 1996 Olympics," Gilmour said. "We are also developing a proposal to update our campus master plan by the summer of 1991."

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Strategic Plan...
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cessively dependent on military contracts and not relevant to the state's economy.

The recent academic reorganization at Tech was instrumental in positioning the Institute in the future marketplace given the changes in demographics and students' interests. The reorganization came about because Crecine was concerned about appealing to a broader range of potential students beyond the 8-10 percent interested in engineering and minimal recruitment efforts which are vulnerable to increased penetration from competition.

Crecine also took the opportunity to explain to the NAB the purpose of the newly established Georgia Research Alliance. The Alliance, made up of six universities, Tech, the University of Georgia, Emory University, Medical College of Georgia, Georgia State University and Clark Atlanta University, has an important economic development mission which, Crecine said is the basis for Tech's political support.

"We've [The Alliance] got several missions," Crecine explained, "One is to cooperate in trying to attract economic activity to this region; to cooperate in trying to help modernize traditional industries here and make them more competitive globally; and to create a mechanism to support and nurture the research infrastructure at our institutions. Together, we can do a heck of a lot better than we can do separately!"

In a more detailed presentation, Executive Assistant to President Crecine and Vice President for Strategic Planning Joseph E. "Tim" Gilmour presented a preliminary process model for a strategic plan at Tech, citing three primary objectives. The first is to establish strategic direction for the Institute. The second is to enhance internal communications and the third is to bring about a systematic examination of the environment (strengthen Georgia Tech's relationship with its external constituencies).

Ten design parameters have been established to guide the design of the plan:
- A single, integrated plan will include all units and budgets (e.g., the Institute, GTRI, GTRC, the Foundation, the Athletic Association).
- An effort will be made to build on past and existing planning processes.
- The strategic planning process will be cyclic on a yearly basis and be directly coupled with the Institute's annual budget process. It is important that the plan's priorities be precisely quantified in terms of performance, budget requirements and timeframe.
- The process structure will mirror the organization of Georgia Tech. Academic deans and vice presidents will play a key role in shaping the directions of their units.
- The process will be highly participative. Unit heads will be urged to include their faculty, staff, and students directly in developing the plan for their units.
- The process will contribute directly to preparation of the Institute's 1994 Accreditation materials and to its annual strategic planning report to the Board of Regents. It will also serve as the planning arena for the Institute's Total Quality Management program and the assessment efforts called for by the Board of Regents.
- Because much of the planning will be completed by operating units, staff assistance will be provided from a central source. A technology forecasting service will be established to provide units with the latest information on technological developments. In addition, arrangements for support, through the Georgia Tech Institutional Research and Planning Office, will be made for small units needing staff aid.
- Operating units will be provided broad guidelines for developing their plans and will be asked to submit reports that follow the outline contained in those guidelines.
- The process will recognize the Board of Regents' strategic plan and the mission designated for Georgia Tech.
- The process will be designed to ensure that the entire range of external constituencies and variables are considered and targeted into a comprehensive picture of the Institute's external environment at all levels.

An Institute-wide strategic planning committee of faculty, alumni, staff and students has been appointed and will meet later this month. The committee will be charged to design a process and to play a key leadership role in its implementation and operation.

Editor's Note: During its weekend session, the National Advisory Board voted to change its name. The organization will now be known as the Georgia Tech Advisory Board.

Tech's Enrollment Figures On Target

Acting Executive Vice President Michael E. Thomas gave the tentative 1990 fall quarter enrollment figures from the Registrar's Office at the General Faculty Assembly meeting on Oct. 9.

The tentative enrollment figures for fall quarter 1990 are listed below.

A total of 12,350 students are currently enrolled at Tech, an increase of 260 students from last fall. The undergraduate student body enrollment is 9,341, an increase from 9,324 last year. The graduate student population totals 3,007, an increase from 2,761 last year. However, the freshman class size decreased from 1,727 last year to 1,610 this year. Thomas said this decrease in the freshman class size can be attributed to the United States' changing demographics.

The Institute's graduation rate is also at its highest level ever, with 68 percent of Tech's students graduating (who entered in 1982).

Thomas said the undergraduate and graduate student enrollments are meeting the Institute's enrollment objectives of an overall student body population of 12,000, with 9,000 undergraduates and 3,000 graduates.

Job Hunting?

If you're looking for employment opportunities, call the Job Line in the personnel office—ext. 4-4592.

Opportunities For Involvement In United Way

Through United Way, individuals can get involved in their community and make a difference...

...By volunteering: 527-7344. United Way's Volunteer Resource Center can match individuals who want to volunteer with agencies that need their help.

...By contributing. Ninety percent of every dollar collected goes directly to help the needy. United Way's Community-Wide Care method of giving ensures that contributions are used in the best way possible helping the most people with the most critical needs. Also, United Way's Choices In Giving Program allows donors, who might choose, to direct their gifts to either a particular community problems, or to a specific United Way agency.

General Faculty To Meet Oct. 30

There will be a General Faculty meeting on Oct. 30 at 11 a.m. in the Electrical Engineering Auditorium.

The meeting's agenda will include reports from the General Faculty standing committees on activities from July 1, 1989-June 30, 1990.
Oracle...
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Whistle: Specifically, which administrative systems will be converted to Oracle?

Strausser: When I talk about administrative systems, I'm talking about the systems that run all of the financial reporting for the Business & Finance office, all of the student records and registration systems. Tech has purchased Oracle's Financial System. Conversion from one system to a commercial product is a substantial effort and will take a great deal of time, but it is not nearly as great an effort as reprogramming and developing in-house.

Whistle: What is the status of the project?

Strausser: We are in the early stages of planning exactly how we can accomplish the transition to new technology and there are two sides of it. One side is to study the financial systems and identify any areas where it is necessary to make changes or to do in-house programming to support those systems and then plan the conversion of all the financial applications to the Oracle Financial Systems.

Whistle: How long will it take to complete the change?

Strausser: We estimate it will take a minimum of 18 months to accomplish. Because the Business and Finance office operate on a number of crisis periods, such as the end of the fiscal year, the transition has to be carefully planned for a time when it will create the least upheaval for everyone who uses the product.

Whistle: Which office will be the first to be converted?

Strausser: The first thing that will be converted is the financial systems and anyone who interacts with those systems will be affected. Probably the most prevalent area where people interact is with the MSA system. The new system will replace what MSA is doing. The first to be converted?

Dennis Scott To Make NBA Debut At The Omni

Help welcome Dennis Scott back to Atlanta for his NBA debut and his only appearance in the Omni this year. The Orlando Magic, Scott's team, will be coming to play the Atlanta Hawks on the Omni for Friday, Nov. 2 at 7:30 p.m.

Discount tickets are available at Tick-A-Tech or show your Georgia Tech ID at the Omni Ticket window; prices are $15, $11, and $7.

Limit eight tickets per ID.

For more information, call the Hawks office at 827-DUNK.

What's next

ACADEMICS

October 24 - Undergraduate Curriculum Committee meeting (student petitions)

October 25 - Graduate Committee meeting (student petitions)

ARTS & ENTERTAINMENT/HOMECOMING EVENTS

October 22 - TTN Movie, "Empire of The Sun," "The Last Emperor," through Oct. 28, Student Center, 1st floor

October 23 - Homecoming Week Events, International Hall of Fame Look-Alike Contest, 11:05 a.m., Student Center Steps

October 25 - Homecoming Week Events, "Rock Beck," 11 a.m., "Search The World Over," Peter's Parking Deck; "World Showcase," Silent show, 7 p.m., Student Center Ballroom; OPTIONS: Treat Guessing Contest, 8 a.m.-5 p.m., Student Center Programs Area

October 26 - Homecoming Week Events, "Mini 500," 3 p.m., Peter's Parking Deck

October 27 - Homecoming Week Events, Freshman Cake Race, 8 a.m.; "Rambin Rock Parade," 9 a.m., Fowler Street

LECTURES & SEMINARS

October 22 - Electrical Engineering Technology Seminar, John E. Breyer, "Engineering in Industry," 3 p.m., Van Leer Bldg, Rm. C-467

October 23 - Office of Information Technology Seminar, "Introduction to UNICOS," 3 p.m., Rich Bldg., Rm. 229, please call 4-4600 to register.

October 24 - Office of Information Technology Seminar, "UNIX Shell Programming," 3 p.m., Rich Bldg., Rm. 229, please call 4-4600 to register.

October 25 - Office of Information Technology Seminar, "UNIX Shell Programming," 3 p.m., Rich Bldg., Rm. 229, please call 4-4600 to register.

October 26 - Office of Information Technology Seminar, "UNIX Shell Programming," 3 p.m., Rich Bldg., Rm. 229, please call 4-4600 to register.

October 27 - Office of Information Technology Seminar, "UNIX Shell Programming," 3 p.m., Rich Bldg., Rm. 229, please call 4-4600 to register.

October 28 - Chemistry & Biochemistry Seminar, James L. Dye, Michigan State University, "Electrode Structures and Properties," 3:30 p.m., Boggs Bldg., Rm. B6A

October 28 - Chemistry & Biochemistry Seminar, Dan Edie, Clemson University, "Development of Enhanced Thermal Conductivity in Pitch-based Carbon Fibers," 3:30 p.m., Boggs Bldg., Rm. B6A

Classification

For Sale - IBM PS/2 Model 80, 70 MB plus 3 RAM, VGA Monitor Coprocessor and IBM Proprinter X24, PC Tote etc., $2,500. Call Delores at 328-7773 or 977-6700.

For Sale - Sofa (off-white), $250; 12 sq. pilk, $125; stereo speakers, $50; executive desk chair, $75, OBO. Call 4-4565 or 881-0465.

For Sale - Woman's 10 spo. moun. bike. In excellent cond., 1 year old. Call Marilou at 4-8227.


For Sale - Rainbow vacuum cleaner, never used. Shampooing attachments included. Retails for over $1,100. Asking $300. Recommended by allergists. Call Barbara at 2-3925.

For Sale - High quality computer desk by Anthro Technology Furniture. Has monitor and telephone platforms on swiveling arms and a side rack for CPU. High tech black, 28 in. x 36 in. List price $850. Less than a year old, Just like new, $250. Call 4-2589.

Dennis Scott To Make NBA Debut At The Omni

Briefly...

Savannah River Talk - The Environmental Forum will host Francis Hart, of the Energy Research Foundation in Columbia, S.C., on Oct. 25. Hart will speak on "Current Issues Dealing with the Savannah River Plant" at 11 a.m. in the Student Center, Rm. 321.

Videotape Now Available - "The Business of Paradoxisms" videotape can now be borrowed from the Tech's Price Gilbert Memorial Library. The tape may be reserved by calling Darrin Cobbe at 4-5401.

whistle