

# THE WHISTLE

GEORGIA INSTITUTE OF TECHNOLOGY

HOME OF THE 1996 OLYMPIC VILLAGE

January 22, 1996



## General Bill Ray Accepts New Mission

Major General James W. "Bill" Ray will have a new athletic challenge ahead of him after the 1996 Centennial Olympics are over. President Wayne Clough and Athletic Director Homer Rice announced today that Ray will become the new executive associate director of Finance and Facilities for the Georgia Tech Athletic Association. Ray will report directly to Dr. Rice and officially begin his new duties on February 1, 1996. Until completion of the Olympic lease, Ray will continue in his responsibilities as vice president for Olympic Planning.

"Bill has an impressive list of accomplishments at Georgia Tech and throughout his military career," said Clough. "He has been, and will continue to be, an invaluable member of the Georgia Tech senior management team."

"Bill Ray is the ideal person for this new position," said Rice. "He has an impeccable record of success and dedication in facilities and financial management and I'm delighted that he is joining the Athletic Department at such an exciting time in our history."

Ray's position is a new one created by the departure of Jim Murphy, executive associate athletic director and chief financial officer. Murphy is leaving Georgia Tech February 1 to become athletic director at his alma mater, Davidson University. Ray will merge the facilities and finance duties into one position, mirroring the administrative structure used in Tech's main administration. Ray will work closely with Rice and the senior associate athletic director, Bernadette McGlade.

Ray's Olympian duties over the next seven to eight months, will require a phasing into his new position. "The unique challenges and opportunities facing Georgia Tech during the Olympics call for Ray's duties at the Athletic Association to be phased over the course of this Olympic year," said Clough. His responsibilities as associate vice president for Facilities for Georgia Tech will be transferred to others as of February 1, said Clough.

He will fully assume his new duties following the completion of the Olympics and the windup of Olympic-related facilities and financial issues. "Few people could handle the dual responsibilities required by this transition," said Rice. "But few people could have handled the types of challenges Bill has successfully managed during his career. From moving troops and supplies to the Middle East for Operation Desert Storm, to overseeing a \$315 million construction program at Georgia Tech, Bill Ray has a proven record of managerial success. He is precisely the type of person the Association needs as we build upon our successes and prepare for our next century of achievement."

## Tech Establishes New Technology Roundtable for Business Executives

Educators and business leaders are using a medieval structure to address a high-tech issue. Recognizing the potential of microelectronics, telecommunications and the Internet, the DuPree Center for Entrepreneurship and New Venture Development at Georgia Tech's School of Management established the Emerging Technologies Roundtable, a forum in which investors can learn more about an industry in the middle of its adolescent growth spurt.

The Roundtable is intended to provide members of the regional investment community an opportunity to learn more about emerging technologies from leading experts and discuss issues related to the potential commercialization of those technologies in a non-competitive, educational environment. It also makes available to members of the investment community, valuable single point of contact access to Georgia Tech's resources. To find out more about the Roundtable network, call 404/894-1762.

## Telemedicine Takes Off at the '96 Games

by Susan McDaniel  
Communications

Spectators of the 1996 Olympic Games will see the latest rendition of a doctor's house call. Telemedicine, a new-age system supporting the electronic exchange of pictures and sound among hospitals, clinics, doctors' offices and other locations via phone lines, will be demonstrated during the Centennial Games.

Georgia is one of many states across the country providing telemedicine services. The state is currently installing telemedicine equipment at 59 sites, 42 of which are up and ready. Georgia will spend more than \$7 million under the plan (about \$120,000 per site) for equipment and the cost of installing fiber optics. Medical College of Georgia is overseeing the project and certifying those hospitals chosen to participate.

Medical professionals have used communication devices for years to provide better services to patients. Two-way radios, fax machines that provide up-to-date information on a patient's medical history, and cameras used in laser surgery, are standard today. But the broad use of telemedicine is just beginning.

Telemedicine allows doctors to be two places at once. By using two-way monitors, doctors are connected with several patients in varying locations. The technique is especially useful for outreach hospitals who lack the availability of doctors, specifically surgeons, because telemedicine offers face-to-face consultations from a major city hospital where specialists can offer guidance on surgical procedures. Telemedicine is now usable for 75-80 percent of diagnosis.

"Researchers at Tech are currently developing desktop and palmtop (a computer about the size of calculator) systems for future use by the Medical College of Georgia," said Jim Toler, principal research engineer on the telemedicine program.



Mike Burrow, senior research engineer, and Jim Toler, principal research engineer, work with images on a desktop telemedicine system. This system could be useful in helping physicians treat patients from a distance and learn or practice new medical techniques. The system will be demonstrated at the 1996 Olympic Games.

This is the first time telemedicine will be used at an Olympic event. The system will be demonstrated using four versions.

The first will show an international visitor becoming ill at an Olympic venue and being transported to an adjacent health services center. Major medical centers in Georgia will be networked to each other and to the Student Health Services Center (SHSC) on campus via wide-bandwidth, wired telecommunications pathways. The telemedicine systems within each major medical center will be located in an emergency room and in a centrally located conference room.

A person participating in the demonstration will pose as a foreign visitor who becomes ill in the spectator stands at an event within the Olympic Ring. The demonstrator will begin with the transfer of this person into the Student Health Services Center (SHSC) examination room that is equipped with the telemedicine system.

See TELEMEDICINE, page 3

## Governor Supports Tech's Priorities

by Amy Fraser  
Communications

During a time when most state agencies are receiving little or no increases in funding, Governor Zell Miller is renewing his commitment to higher education by allocating millions for salary increases, facility renovations, classroom upgrades and graduate research. The governor released his FY '97 and gave his annual State of the State/Budget address to a joint session of the General Assembly, earlier this month.

"Overall we are pleased with the Governor's budget recommendations and how it affects Georgia Tech," said Andrew Harris, director, Government Relations.

"For the fourth year in a row, the governor's recommendations are closely aligned with the legislative priorities identified by the President's Office, the Office of Government Relations and other Tech constituents," added Lynn Durham, Government Relations assistant and Legislative Network coordinator.

If the budget is approved, four

of Tech's five legislative priorities will be funded. The following compares Georgia Tech's budget priorities and requests for funding, which appear in parentheses with the governor's recommendations.

- **6 percent salary increase** (\$60 million) — The Governor recommended \$64 million.

- **Major repair and rehabilitation funding** (\$30 million) — Ten million has been recommended for major repairs and renovations throughout the University System.

- **Special initiative for research universities** (\$12 million) Governor Miller has recommended funding of \$3.8 million for special initiatives for research universities. Although the governor did not recommend funding the entire \$12 million that was requested, \$1.6 million for Tech's nanotechnology research is included in his recommendation.

- **Major/minor capital projects** at Georgia Tech (\$30 million.) — Although Phase II of MRDC was not specifically mentioned in the budget, funding will be indirectly

provided for the design and planning of the building. Renovation of the Skiles building was not included in the recommendations.

- **Economic development programs** (\$8 million) — These programs were not recommended for funding.

Other funding that will impact Georgia Tech includes \$28 million for the Georgia Research Alliance and \$16.4 million for the Equipment, Technology and Construction Trust Fund, of which Georgia Tech will get a significant share for equipment.

The General Assembly began budget hearings on Tuesday, January 16. The week-long hearings allowed Chancellor Stephen Portch and other agency and department heads to address the House and Senate Appropriations Committees with higher education concerns. A vote on the budget is expected in early March.

To find out more about Tech's Legislative Network or to receive their weekly newsletter, call the office at 894-1238.



Course/Seminar



Conference/Speaker



Meeting



Concert



Art Exhibit



Play/Show



Sporting Event



Campus Holiday



Commencement



International



Health/Medical



Special Events

**Continual Calendar**

**Faculty/Staff Toastmasters Club - Techmasters**, Thursday mornings, room 102, Pettit Building, 7:30 - 9:00 a.m. For more information, contact Margaret Graff, 876-0132 or e-mail mmgids@aol.com

**Women's Therapy Group**. Female students meet Wednesday to discuss concerns, build support and expand choices, 12:00 - 1:00 p.m., room 238, Student Services Building. Confidentiality stressed. To join or for more information, call 894-2575.

The Spring quarter **STRAP** deadline is Tuesday, March 5, 1996. For information, call Wansley Stallworth at 894-2249.

**Student Center Brown Bag Series**. The Community Services Center opens its doors to discuss volunteer opportunities, mingle and enjoy refreshments. Community service representatives will provide information about their committees and volunteer projects. The program, beginning at 11:05, will be held at the Student Center, 2nd floor. For more information, call the programs office at 894-2805.

**JANUARY 24**

**Georgia Tech Basketball**. The Yellow Jackets head to N.C. State for a 7:30 p.m. game. For ticket information, call the box office at 894-5447.

**"Creating a Professional and Winning Resume"** will be held in the Success Center, Presidential Suite A, 11:00 a.m. - 12:00 p.m. For more information, call Career Services at 894-2550.

**Introduction to UNIX**. This course is intended for users who want a better understanding of the UNIX operating system. Among topics covered are the UNIX file system, shell basics and the vi editor. This class will be held in Room 239 of the Rich Building, 1:30 - 4:30 p.m. To register, call 894-6294.

**JANUARY 25**

**"Opportunities for Collaboration between Gvu and the Broadband Telecommunications Center"**, presented by John Limb, professor, College of Computing (CoC) will be held in The Pettit Building, Room 102, beginning at noon. For more information, call Elaine Swobe at 894-9392 or send e-mail to elaine@gvu.gatech.edu.

CoC Distinguished Lecture Series resumes with **"Prospects for an Engineering Discipline of Software,"** featuring Mary Shaw, the Alan J. Perlis Professor of Computer Science, associate dean for Professional Programs and

member of the Human Computer Interaction Institute at Carnegie Mellon University. The presentation is scheduled for 1:30 - 2:30 p.m. in Room 16 of the College of Computing. A reception will follow in Room 201 of the MiRC Building.

**Student Center Brown Bag**. Homecoming Information Session. Information on the Student Center Homecoming Committee's responsibilities and activities. Potential members should attend this session at the Student Center Theater, beginning at 11:05 a.m.. For more information, call Student Center Programs at 894-2805.

**OUTTECH** will celebrate its first anniversary at 5:15 p.m. in Room 292 of the Student Success Center. For more information, contact danny.ingram@business.gatech.ed or 894-5518.

**JANUARY 26**

**Culture Break**, 3:00 - 4:00 p.m. in room 117, Student Services Building. All faculty and staff are invited. For more information contact Linda Duckworth, ISSP, at 404-894-7475.

**JANUARY 27**

**Georgia Tech Basketball**. The Yellow Jackets face Florida State in the Alexander Memorial Coliseum, beginning at 1:30 p.m. For ticket information, call the box office at 894-5447.

**PEACH presents Dr. Kenneth H. Cooper**, a leader of the international physical fitness movement, as part of their 15th Anniversary Celebration. The free presentation begins at 7:30 p.m., in Georgia Tech's Center for the Arts. A reception and book signing will follow. Call (404)894-0352 to R.S.V.P.

**JANUARY 30**

**Georgia Tech Basketball**. The Georgia Tech Yellow Jackets head to Clemson. Tip off is at 8:00 p.m.

For ticket information, call the box office at 894-5447.

**"Semiconductor Manufacturing,"** with Intel's Michael Splinter, corporate vice president and general manager of Component Manufacturing, 11:00 a.m. in the Manufacturing Research Center auditorium. For addition information, please call 894-2572.

**Beginning HTML**. This three-hour seminar covers how to use HyperText Markup Language to create WWW pages. Topics include an overview of serving documents via WWW, HTML tags and basic document design. Experience using WWW browsers is required. The class will run from 9:00 a.m. - noon, in room 239, Rich Building. To register, call 894-6294.

**JANUARY 31**

**Using PV Wave**, a Command Language allows users to quickly produce graphics by entering commands or using simple scripts. The class will run from 5:00 - 7:00 p.m. in Room 259, College of Computing. To register, call 894-6294.

**FEBRUARY 1**

The College of Computing presents **"Beyond Classic Photorealism,"** featuring Charlie Patterson, beginning at noon in the Pettit Building, Room 102. For more information call Elaine Swobe at 894-9392 or e-mail elaine@gvu.gatech.edu.

**"Job Search Strategies For the 90s,"** will be held in the Success Center Presidential Suite A from 11:00 - noon. For more information, contact Career Services at 894-2550.

**Student Center Brown Bag Series**. "Olympic Vision: Past, Present and Future." Have you wondered about the Olympics? If so, don't

miss this unique look at the spectacular event. Afterwards, there will be pin trading. Student Center Theatre at 11:05. For more information, call 894-2805.

**FEBRUARY 3**

The Acting Company presents **"Henry V,"** - 8:00 p.m., at the Georgia Tech Center for the Arts. Admission: Faculty/Staff - \$14; Students - \$10. For more information, contact the Center for the Arts at 894-9600.

**Georgia Tech Basketball**. The Georgia Tech Yellow Jackets head to Maryland. Tip off at 12:00 p.m. For ticket information, call 894-5447.

**FEBRUARY 6**

**"Networking/Information Interviewing,"** 11:00 a.m. - noon, Success Center, presidential Suite A. For more information, call Career Services at 894-2550.

**JANUARY 22**

**"How to Use the Career Library,"** will be held in the Success Center, Room 260 from 3:00 - 4:00 p.m. For more information, call Career Services at 894-2550.

**JANUARY 23**

**"Job Search Strategies for the '90s,"** will be held in the Success Center, Presidential Suite A from 11:00 a.m. - noon. For more information, contact Career Services at 894-2550.

**"Challenges in Micro Fluid Dynamics,"** with Professor Chih-Ming Ho, Mechanical and Aerospace Engineering Department University of California, Los Angeles, 11:00 a.m., Room 4211, MRDC. For further information, contact Prof. Jianmin Qu at 894-5687 or jianmin.qu@me.gatech.edu



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Student Center Brown Bag Series

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Printed on recycled paper



**WHISTLE**

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- David Arnold.....Managing Editor
- David Kennedy.....Staff Writer
- Susan McDaniel.....Staff Writer
- Victor Rogers.....Staff Writer
- Gary Meek.....Photographer
- Stanley Leary.....Photographer
- Yaniv Adir.....Photo Technician

Publication is weekly throughout the academic year. Deadline is Thursday 5:00 p.m. 11 days before publication date. Address: Communications, mail code 0181 (Wardlaw Center, 177 North Avenue), 894-8324. Tech computer users may file news items with the Communications office by sending electronic mail addressed to whistle@www.gatech.edu.

The Whistle is available as a resource on the Georgia Tech Network. ACME users simply type "gopher" at the standard UNIX prompt. Look in the "Daily News Section" and you will see The Whistle. All others can connect to the standard campus gopher server on port 2048. For assistance with gopher, contact the Office of Information Technology Help Desk at 894-7173. Cost/\$350 Copies/ 4,500

Georgia Tech Communications  
Wardlaw Center  
177 North Avenue  
Atlanta, Georgia 30332-0181

Georgia Tech is a unit of the University System of Georgia.

**DID YOU KNOW**

**OFFICE OF CONTRACT ADMINISTRATION**

Daily information from the *Commerce Business Daily* and other special research notices are now available on Georgia Tech's home page. The net address is <http://www.gatech.edu/hypermail/cbd>.

Each day, selections of research opportunities, sources sought notices and broad agency announcements are briefly outlined.

The Office of Contract Administration's (OCA) Program Development Office orders and tracks solicitations for the entire campus, including GTRI and the academic research faculty. To order solicitation material, call the Program Development Office at 894-6942 or e-mail joey.goddard@oca.gatech.edu. The solicitation will be ordered for you, and you will be advised of others on campus who have expressed an interest in the same project.

Also, the OCA is now providing assistance with editing proposals prior to submission to the sponsor. Researchers who wish to utilize the

editorial service need to contact Joy Goddard at 404-894-6942 to arrange an appointment.

Proposals will be reviewed with special attention given to grammar, spelling, punctuation and prescribed format (if any). Proposals will be accepted in hard copy form or on disk in Microsoft Word 6.0 or WordPerfect 6.0 (or lower) format.

When proposals are submitted for editorial review, a due-date back to the writer will be established. Marked-up proposals will be returned to the researcher who will, of course, retain approval authority for any suggested changes.

There is no direct charge for this service. It is an overhead-supported activity.

*Is there something going on in your department you think others need to know? If so, please e-mail [whistle@www.gatech.edu](mailto:whistle@www.gatech.edu) or call Amy at 894-8324.*

## Cultural Awareness Benefits All

## Meet Jerry McTier

### Experience a World of Cultures



Banners bearing the "Experience a World of Cultures" logo (left) are being displayed in buildings all over campus. Georgia Tech's International Atmosphere Committee created the logo to heighten awareness of Tech's thriving international community and to encourage the Tech faculty, staff and students to take advantage of the many opportunities to learn about various cultures. Campus departments or organizations planning cultural events that are "international" are welcome to incorporate the logo into their programs or other promotional material. For details, contact Victor Rogers at (404) 894-6016 or e-mail: victor.rogers@vpea.gatech.edu

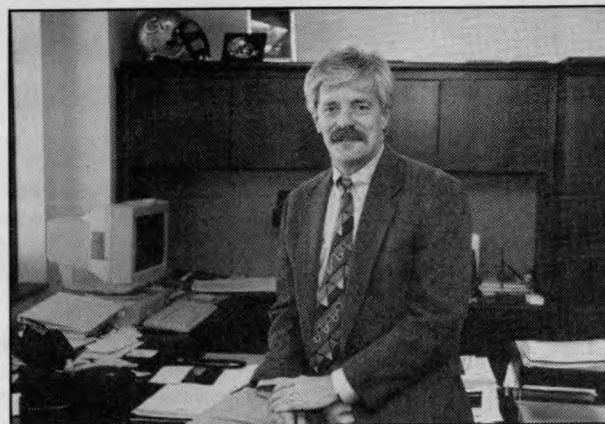


Photo by Gary Meek, Georgia Tech Communications

**Full Name:** T. Jerry McTier

**Age:** 49

**Occupation:** director, Office of Student Financial Planning and Services

**Professional Projects:** maintaining operations in the Office of Student Financial Planning and Services

**Years at Tech:** a little over a year

**Education:** B.A., M.A., M.Ed.

**Marital Status:** Married to Joyce Petterson

**Children:** Alexandra, 7, and Benjamin, 4

**Few People Know :** I am a Deadhead.

**Best Advice Ever Received:** Don't give advice.

**Pet Peeve:** People who give advice.

**When I Was Little I Wanted to Be:** just like my daddy.

**Personal Hero:** Billy Graham and Martin Luther King, Jr.

**Famous Person You Would Like to Have Dinner with:** Jesus Christ

**Your Most Important Achievement:** understanding the importance of how time is spent

**If I Could Do It All Over Again, I Would Have:** learned my most important achievement earlier

**What Brought You to Georgia Tech?** challenges

### IN MEMORY OF

Margaret Ann Holloway, Plant Operations Division, died November 28, 1995. Born in Covington, Georgia, Ms. Holloway moved to Atlanta in 1962. She was a familiar face on the Georgia Tech campus, particularly at the Student Athletic Complex (SAC) where she worked as a custodian since 1987. Ms. Holloway leaves to cherish her memory one daughter, two sons, a fiance and her mother.

by Victor Rogers  
Communications

"What's in it for me" is the question that springs to mind when deciding if we should spend time learning about other cultures. We often think the information learned will have no value in the real world — much like knowing the lyrics to the theme song of a television show. However, learning about other cultures is far from trivial. In fact, in a competitive job market, knowledge of other cultures is a definite advantage because most employers prefer well rounded employees.

"Companies are increasingly taking into account the cultural breadth of applicants as well as their technical expertise," said Dr. John McIntyre, director of Georgia Tech's Center for International Business Education and Research. "Oftentimes people are overly trained in a very technical way, which is fine for an entry level job. But, very soon they discover it is not enough."

Employers may not require degrees in international business at the undergraduate level, but they do appreciate applicants who have a diverse background and can move sideways and upward within the company, McIntyre said. Increasingly, supervisors must know how to manage across culture. Attending international cultural events helps individuals to increase their sensibility and sensitivity to various cultures, and to develop the kind of keen skills that are beneficial in the workplace at all levels.

In addition to well-rounded and desirable job candidates, learning about various cultures often reveals unexplored opportunities.

"Until you meet people from other countries and other cultures, you don't know what doors you can open. Of course, once you know what the opportunities are, you get an idea of how best to prepare yourself to take advantage of those opportunities" said Dr. Patrick O'Heffernan, adjunct professor, School of International Affairs.

"If you are casting your employment net broader than Georgia or even the United States, it is likely you will be interacting with people whose range is wider, and they will perceive you as being more sophisticated [if you have basic knowledge of their culture]," O'Heffernan said. "Secondly, if you cast your net internationally you are going to encounter other cultures. It's best to get the "gee whiz" phase of initial discovery out of the way as early as possible so you do not appear to be a wide-eyed tourist."

Basic knowledge of other cultures also helps in potentially awkward social settings. "It makes you a more interesting person so that when you're in social situations you have a wider range of things to talk about and a wider range of things you understand," O'Heffernan added.

"Whenever I go to a new country and I want to buy souvenirs, I visit the museums first so I can see the best possible artwork," said O'Heffernan. "Then, when I go to the stores I have a frame of reference, and I know how to distinguish between the good and the not-so-good."

Basic knowledge of other cultures also helps in potentially awkward social settings. "It makes you a more interesting person so that when you're in social situations you have a wider range of things to talk about and a wider range of things you understand," O'Heffernan concluded.

## TELEMEDICINE, *continued from page 1*

The demonstrator will begin with the transfer of this person into the Student Health Services Center (SHSC) examination room that is equipped with the telemedicine system. With the use of a language translator, a diagnosis will be made of the patient. Medical professionals in the SHSC will request correlation on the diagnosis by consulting with medical specialists at two different major medical centers via the telecommunications network. A final diagnosis will be made and an appropriate treatment will be given.

The second demonstration includes a spectator with multiple traumatic injuries at a remote location (such as the white water event) will be taken via a telemedicine van to a medical facility. The van will be mounted with a system that supports wireless, wide-bandwidth, video conferencing. The van will use its communications system to link to the nearest medical center, which in turn will use its telecommunications capability to communicate with all other telemedicine facilities.

While in the van, the on-site medical professionals will provide initial care while using the audio, video and data capabilities of the van's wireless telemedicine system to consult with medical professionals at major medical centers. It will be determined, as a result of the consultations, that the injured spectator cannot be adequately treated on-site, and therefore must be transported to a medical center. Throughout transport, medical professionals will administer telemedically proctored medical care. As a result of the on-site and en-route telecommunications, appropriate medical care will have been delivered to the injured spectator prior to arrival at the medical center. Medical professionals at the medical center will therefore be fully prepared to continue treatment upon arrival of the injured spectator.

Demonstration #3 will show the ability of a kiosk-based telemedicine system to deliver enhanced medical care to a foreign visitor who is currently taking a doctor-prescribed medication and becomes ill in a highly congested public recreation area such as Centennial Park.

The telemedicine kiosk will be wired with a two-way audio video, and data link to major medical centers participating in the telemedicine program. This kiosk will support the remote monitoring of a basic array of physiological parameters and will be equipped to accept SmartCards as a means of patient access. Using an interpreter, medical subspecialists will interview the patient telemedically, and a specialists' opinion will be sought prior to diagnosis. Additionally, medical professionals at the Atlanta-based Centers for Disease Control will be consulted regarding the drug that the patient is taking, and will provide guidance relative to drug-drug interactions.

The fourth and final demonstration will involve a major accident on the interstate. An emergency medical vehicle and a MedFlight helicopter equipped with portable telemedicine capabilities will be available, and will be linked via cellular pathways to major medical centers using the telemedicine network. The scenario will call for a mini-van transporting foreign visitors on their way to an Olympic event. The van will be involved in a serious accident, resulting in life-threatening injuries to several people.

Medical professionals associated with the emergency medical vehicles and the helicopter will use language translators and portable telemedicine capabilities to consult with the injured visitors and medical specialists at major hospitals regarding the stabilization of the injured persons. Following stabilization of the patients, those injured will be transported to select medical

CLASSIFIED ADS

APPLIANCES

25" RCA color console television for sale, \$250. Cable compatible, excellent picture, wood-grain cabinet in very good condition. Call 770/528-7527(day) or 404/373-6677(evenings) or e-mail cathy.sands@gtri.gatech.edu.

Kenwood KX-57W double cassette deck with Dolby NR System. 4-track, 2-channel stereo/mono, recording/playback. Call Matthew at 894-3971 to make an offer.

AUTOMOBILES

1989 Ford Mustang LX, red, 5-speed, 114,000 miles, AC, tilt, cruise, stereo w/ cassette, power locks and windows, rear defrost, non-smoker, one owner, female, great deal at \$2950. Call 894-7143 (w) or 564-9547 (h).

1978 white Oldsmobile Cutlass Supreme, 8 cycle., 2-door. Body and interior in excellent condition. Approximately 80,000 mi. \$800 o.b.o. Contact Diane at 894-4622 or diane.demillo@business.gatech.edu.

1988 Chevy Beretta; new paint job.\$3,500 (NEG) Contact Gail at 894-4387 or gail.greene@mgt.gatech.edu

1986 Ford Escort Pony Hatchback, 4 speed 110,000 miles, am/fm radio, new clutch, brakes, muffler, good body. Needs some engine work, asking \$225 (o.b.o.) Have picture to show. Call 894-9258 or gerald.donaldson@pod.gatech.edu

1991 Maxima SE, 4dr sdn, V6, auto, abs, sunroof, AC, tilt, cruise, PW, PDL, pearl white, splr, 69K mi, Bose stereo, non smkr, one owner, excellent condition, \$ 12,500. Call 894-2876 (W); 636-9847 (H).

1988 Mitsubishi Precis, blue hatchback, 75,000 miles, one owner. Well maintained & in good condition. \$1,500. Call Clint Lyle at 894-6294.

1990 Nissan 240SX hatchback, 5 speed, Navy, A/C, am/fm cassette, 81K miles. Good condition, mechanically sound. \$6,300. Call 894-7701.

1984 Toyota Landcruiser, FJ60; 4-speed, power steering, a.m./f.m cassette, 187,000 miles. \$7,500. Call Bill at 894-9985.

1989 Jeep Wrangler Islander-A/C, CD Player, Big Tires, 6 Cycle., Excellent condition. \$8,600. Please call Margo at 894-2391.

COMPUTERS

Midwest Micro Elite PC. 486DX2-50 w/4meg RAM, dual floppies, 540meg HD. 15" flat faced monitor .28dot pitch; 1280x 1024 res. @ 60Hz. Windows for Workgroups. 8 mos. old. Used very little. \$1200. Call Jerry at 89 4-7849, or e-mail gerald.kloth@ipst.edu.

286 AT&T Computer (IBM Compatible). Operating manuals and several software packages from games to educational material included. Call 633-6377 to make offer.

FURNITURE

Sofa/Loveseat w/Queen size Sleeper (\$375) 3 yr. old. Dining Rm. Table (Glass) w/4 High back Chairs (\$135) 2 yr. old. Cocktail/End Tables (\$50). Have picture. Call 894-9258 or gerald.donaldson@pod.gatech.edu

Waterbed components: King size padded side rails \$20.00; Queen size bed rails (for box springs and mattress) \$30; Water bed heating unit \$40.00. Call Pam Bonser at 894-6019 or e-mail: pamelabonser@vpea.gatech.edu.

REAL ESTATE

For Rent—Virginia Highlands, charming, spacious 2 bdrm., 2 bath home available

March 1 on a temporary basis while home is for sale. Must have nice furnishings and be neat and clean. No pets, no smokers. Month to month lease. Rent dramatically reduced to \$665 plus utilities. Call Zena 894-0953 or e-mail: zena.rubin@arch.gatech.edu.

Great first home! Just 20 minutes. from Tech/Downtown.3 bdrm.,2 bath,2-car garage. Vaulted ceilings in LR/DR and kitchen. Open, bright floorplan. Only four years old.Contact Robb at 894-9270, 404-696-5225 or e-mail:rstanek@ea.gtf.gatech.edu.

Rex/Stockbridge. Brick ranch for sale, 4 bdrm, 2 1/2 ba, ~1 1/2 acres large family room, screened porch, hardwood floors and carpet, laundry room, kitchen w/bay window, new roof, 1/2 basement, brick fireplace w/gas logs, ceiling fans, AC/gas, large yard and more. Easy access to I-675 - I-285. \$137,500. Call Betty 894-3718 or 770-474-3228.

MISCELLANEOUS

For sale. Playful, pure bred Toy Poodle,red. 1 1/2 years Old.Call (404) 894-0954 or e-mail pat.jordan@arch.gatech.edu.

Like new 11 Pc. right hand golf club set by Pal Joey. Set includes three metal woods (1-3-5) and 8 irons (3-4-5-6-7-8-9-W). Lamkin high tech grips. \$140.00. Can deliver to campus. Contact M. Turner at 894-8066 of e-mail myrtle.turner@gtri.gatech.edu.

Two Peugeot Model 105 road/cross bikes, Excellent condition. Black, steel frame, 10 speeds (Simplex components), 50 cm and 53 cm. Very reliable and durable. Great commuter transportation. \$100 each. Can deliver to campus. Call Joe at (404) 894-7604 days or (770) 936-0371 evenings.

For sale: Super Nintendo Entertainment System (including accessories). Games: including Super MarioWorld, John Madden Football, Pro Quarterback and Mortal Kombat. Will negotiate. Contact Katherine at 894-5322 / 770-473-1841 or katherine.brown@gtri.gatech.edu.

For sale: older MacIntosh word processing, database, spreadsheet and educational software, ranging from \$5 to \$10. Titles include Word Munchers, Quicken, Typing Tutor and Hypercard.Contact Vicki at 894-9564 or vicki.leighton@edi.gatech.edu'.

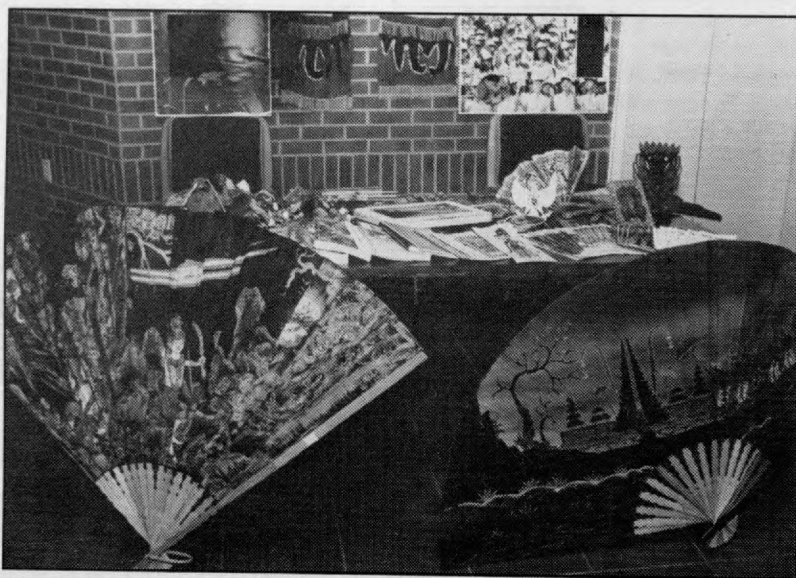


Photo by Yanti Adir, Georgia Tech Communications

The Indonesian Student Association showed the beauty of Indonesia through photographs, artifacts and an oral history during a recent Culture Break. Indonesia, located in southeast Asia, is a nation of 13,667 islands, with six large islands being home to most of its 198 million people. The diversity of the people of Indonesia is represented through more than 100 languages and dialects, approximately 50 ethnic groups, and five major religions. The next Culture Break is Friday, January 26, 3:00 to 4:00p.m. in room 117, Student Services Building. All faculty and staff are invited. To learn how increased cultural awareness can directly benefit you, see page 3.

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THE WHISTLE

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