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# The WHISTLE



The Georgia Institute of Technology

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## Tech takes action to help reduce ozone pollution

Denise Noble  
Communications

Tech commuters need only look out their car windows at the number of vehicles on the highway to sense that Atlanta has an air pollution problem. If there's any doubt, just consider the city's 3 million residents and more than 2 million cars and trucks traveling its highways and byways.

What most people don't know is how severe the problem is. Since monitoring began in 1980, Atlanta has never met national air quality standards for ozone. As part of the state's plan to meet these standards, Governor Miller issued an Executive Order December 4 requiring that all federal and state agencies develop a plan to help reduce ozone formation during the "ozone season," May 1 - Sept. 30. Led by the Georgia Environmental Protection Division (EPD), the Voluntary Ozone Action Program (VOAP) also invites private organizations to participate.

### Ozone: The good, the bad and the hazy

The air quality of Atlanta's 13-county region has been designated as "serious" for non-attainment of the national air quality standards for ozone under the federal Clean Air Act. The ozone of concern is ground-level ozone, also known as tropospheric or "bad" ozone, which is associated with smog or hazy conditions. "Good" ozone is stratospheric ozone, the layer 10 - 15 miles above the Earth that provides protection from UV rays. Bad ozone can cause various health problems and aggravate existing respiratory conditions. According to EPD, asthma-related emergency hospital visits for children increased 37 percent after high ozone days in the past. Too much ozone buildup also can damage crops and other plants, and eventually may mean loss of federal funding for future transportation projects and may limit future development in Atlanta.

The VOA program is specifically aimed at reducing the number of days when ozone levels are high. Conditions are ripe for high ozone levels on hot, sunny days with little or no wind. Ozone is created when volatile organic compounds (VOCs) and nitrous oxides (NOx) react with oxygen in the presence of sunlight. VOCs are found in solvents, coatings, fuels, adhesives, and vegetation, and NOx comes from the combustion of wood, coal, natural gas, gasoline and diesel.

More than 75 percent of ozone-forming air pollutants emitted in Metro Atlanta come from sources that the EPD cannot regulate through permits, with the largest share coming from cars and light-weight trucks. The goal in this year's efforts is to reduce single occupancy vehicle trips by 20 percent on ozone action days—when the ground-level ozone concentration reaches a level that exceeds federal air quality standards. During the ozone season, EPD will issue alerts the day before an "Ozone Action Day" to the VOAP coordinators at each participating agency and company. Since the 1980s, actual ozone violations have occurred on an average of 11 days per ozone season. However, in order for VOAP to have the greatest impact, EPD may issue advisories as many as several times that number.

### Tech's plan of action

Along with some 85 other state agencies, Georgia Tech submitted its Voluntary Ozone Action Plan to the Governor on March 31. "Georgia Tech is committed to the goals of VOAP and the larger concerns of the Atlanta Regional Commission regarding the quality of life in the greater Atlanta area," said Bob Thompson, senior vice president for administration and finance. The plan has two main areas: the commuter-related strategy, coordinated by John Nolte, director, parking and transportation; and the operations and maintenance related portion, developed by Warren Page, director, facility operations and maintenance. In forming the plan, "We looked at the things we were already doing and met with the Office of Human Resources to see what options would be feasible," Nolte said. "And the answers often were, 'Yes we can do it, but it depends on each unit as to how they

will do it.' The work rules allow it, but the units have to decide how they will maintain services."

On the operations and maintenance side, the strategy includes energy conservation, purchasing clean-fueled fleet vehicles, reducing the use of VOC-emitting solvents and cleaners or delaying use until the evening or after action days, switching to substitute chemicals with lower VOC content, and performing pre-season tune-ups for lawn care equipment.

Implementing the commuter-related strategy is where the bigger challenge lies, as it involves the education and participation of each Tech employee. The plan outlines a number of transportation alternatives to single occupancy driving, but each department will need to devise those plans based on their unique service requirements. The options include flex-time, a four-day work week (10 hours per day), telecommuting, employee rideshare program (see box below), and mass transit.

Even prior to the ozone action plan mandate, discounted MARTA passes have been available to students and employees through the campus ticket office in the Student Center. The cost is \$38.25 per month, discounted from \$45. Grant funding and internal funding are being explored to reduce the cost further. The campus Stinger bus program currently transports people around campus and to the Midtown MARTA station. According to Nolte, the Parking and Transportation office is exploring adding service to the North Avenue Station and increasing the frequency and number of pick-up locations.

Convincing employees to modify their commuting methods will be difficult, with many people thinking only of the negatives—the largest of which is inconvenience and disruption of daily routine. But Nolte said many people don't consider the benefits of carpooling or taking MARTA. "Many of these alternatives to driving your car can save wear and tear not only on your car, but on you," Nolte said, referring to the all too common "road rage."

For the '99 ozone season, the governor further mandates that state agencies reduce single occupancy vehicle trips by 20 percent for the entire ozone season. The task for this year and next is daunting, but the EPD cites the Olympics as the proof that it can be done. Despite the extra 3 million people, there were no ozone violations during the Olympics, according to the EPD, due to a combination of people leaving town, telecommuting, shifting work hours, and riding MARTA.

The next step in Tech's ozone action plan is to form a task force that will manage the distribution of information and work with department heads to establish a plan of action specific to their department. The committee members will be appointed by President Wayne Clough. The first ozone action day will be May 1, allowing for a test of the EPD's advisory system, as well as the systems put in place by all VOAP participants.

For additional information, contact John Nolte, 894-8181, or [john.nolte@parking.gatech.edu](mailto:john.nolte@parking.gatech.edu).

### Rideshare program key part of Tech's plan

One of the key areas of the commuter-related portion of Tech's ozone action plan is the employee rideshare option. The data for this strategy already has been compiled; employee home address information has been correlated by the Commute Connections Program of the Atlanta Regional Commission. The rideshare maps will be made available along with the match group cross-references. The area in which all Tech employees live has been broken down into numbered zones. Employees find their number on the map, then go to the cross reference list, that includes names, phone numbers and addresses, to find the people in their match group.

Rideshare participants will qualify for carpool/vanpool incentives, such as designated parking areas, and reduced or free parking based on the number of participants in each pool. Another part of rideshare will be a guaranteed emergency ride home, developed and operated by the Parking and Transportation office.

### Fast Facts



- Using a gas-powered lawn mower for one hour is the ozone-forming equivalent of driving a car 635 miles.

- On average, one vehicle emits 120 lbs. of ozone-forming emissions per year. Multiply that by 3 million Atlanta residents, and it becomes 500 tons per year.



- Waiting until after dark to refuel your car can reduce refueling emissions by 20 percent.

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## Tech's composer in residence shares 20-year, multimedia career

Denise Noble  
Communications

His father was an electrical engineer, and his mother a pianist—no wonder Tech Composer in Residence James Oliverio became an electronic musician.

"Drawn to the Light: 20-Year Retrospective Concert," April 29, at 8 p.m. in the Robert Ferst Center for the Arts, is an overview of the first 20 years of Oliverio's career and includes scores for orchestra, chamber ensembles, chorus, film, dance and multimedia. Featured soloists include musicians from the Atlanta Symphony, and ensembles include the Choral Guild of Atlanta, Georgia Tech

Chorale and Chamber Choir, the Georgia Tech Orchestra, and percussion ensemble DrumsTechs. One highlight is the premiere of "Desired," a dance technology piece featuring choreographer Nicole Livieratos and GardenHouse Dance Company created in collaboration with Tech's Interactive Media Technology Center (IMTC). The concert is part of Arts in the Village, Tech's annual arts festival, running through May 21.

Oliverio, Tech's first artist in residence, joined Georgia Tech in 1995, coinciding with President Wayne Clough's inauguration. In fact, he wrote the Presidential inaugural piece, titled "Science of Imagination," an exploration of what

Oliverio believes to be a common element in both scientific discovery and artistic creation: imagination. Oliverio feels fortunate to be at Georgia Tech and honored to be the first composer in residence. "I'm very grateful to the administration. The fact that we have a composer in residence is unprecedented for a major technological institution," he said.

Oliverio, who recently turned 42, has come a long way from his musical beginnings. "There's actually a picture of me in diapers reaching up to play the piano," said Oliverio. Then at eight years old, he became the church organist. "I started experimenting with the organ and became interested in the possibilities of sound using electricity. This eventually led to my work with electronic music synthesis."

Oliverio's focus today and for the future is on composing and

producing what he calls large-scale multimedia, and the "combination of live performers—whether they be musicians, actors, dancers—with new and traditional technologies," said Oliverio.

"That's the direction my work is headed—finding a new synthesis of these performing forces with technologies that will empower or enhance the artistic experience." The retrospective concert itself is an example. "The production, which features a dozen pieces spanning the first 20 years of my career, is a multifaceted production in itself—there's over 20 soloist musicians and hundreds of people that will be on stage during the concert. The last piece has a chorus of 150 people and an 80-piece orchestra. And everything needs to flow into one singular experience for the audience."

Producing the concert program is similar to touring a museum, Oliverio said. "To be able to experience a body of work across different time periods is in a way like walking through a museum—being able to see works side by side that were created in different periods."

As a composer, Oliverio considers this concert a rare opportunity to share his works with his students, the Tech community and Atlanta. "It's very unusual for a composer to have a retrospective," he said. "The term is most commonly used for visual artists who have a body of paintings or sculptures. One of my biggest thrills as a composer is to have my music performed and performed well and while I'm there. Literally the stereotype about composers is that the only good composers are dead. People immediately think of composers to be Beethoven and Bach."

Oliverio's orchestral and film scores have been performed internationally, and he has won four Emmy Awards for his broadcast music compositions. His multimedia opera "StarChild" premiered at the Olympic Village prior to the Summer Games and subsequently was featured on CNN International and broadcast on Georgia Public Television. His compositions have been performed by the Cleveland Orchestra and the symphonies of Atlanta; Cincinnati, Ohio; Columbus, Ohio; Fort Worth, Texas; Grand Rapids, Mich.; and Spokane, Wash., as well as the Atlanta and Eugene Ballets. An associate professor in the music department, College of Architecture, Oliverio teaches classes in music, multimedia, digital audio and sound design. He also is the director of the AudioLab in the Graphics, Visualization and Usability Center, College of Computing.

Oliverio's works also will be presented as part of The President's Concert, April 30, and Masterworks, May 21, which will premiere a multimedia piece by Oliverio that was inspired by the work of Sculptor in Residence Clark Ashton. For more information, call 894-9600 or see the Arts Festival's Web site [www.arch.gatech.edu/techarts](http://www.arch.gatech.edu/techarts).

Photo by Stanley Leary, Georgia Tech Communications



**Georgia  
Tech**

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## ATDC to graduate record number of companies

T.J. Becker  
Research News & Publications

Ten high-tech entrepreneurial companies leave the fold of Georgia Tech's Advanced Technology Development Center (ATDC) this year, setting a new record for the business incubator.

Graduates will be honored at ATDC's open house on April 29, which doubles as a high-tech trade show. Approximately 30 companies, including current members and alumni, will be exhibiting technologies for the business community, investors, researchers and press members.

This year's bumper crop of graduates reflects a new pace at ATDC. "We've had success over the past years, but today it's at an unprecedented level," said Dwight Holter, ATDC general manager.

Since the incubator's inception in 1980, a total of 50 companies graduated, with half exiting in the past four years. Those 25 firms generated 1,036 jobs and \$94.9 million in revenues in 1997.

Formed by the governor and General Assembly to increase the high-tech business base in Georgia, ATDC nurtures high-tech start-ups by providing business management expertise, low-cost facilities, and technical support services. Companies leave the incubator after they have met certain benchmarks, such as building a staff of 10 or more employees or reaching \$1 million in annual revenues on a sustainable basis—a process that usually takes anywhere from two to five years.

More companies are not only graduating from ATDC, but also graduating at a faster rate. Three members of this year's graduating class—AstraCom, NetGain, and SQLBench—were acquired by larger firms after being in ATDC less than a year.

"One of the reasons we're seeing more graduates is the speed at which technology is moving. High-tech start-ups have no choice.

They have to get out in the market sooner," said Holter.

The open house will be held from 1 - 4 p.m., in the ATDC North Building Atrium, 430 10th St.

### The graduates

This year's list of companies graduating from ATDC includes:

- **AccuSentry**—developer of online inspection systems for manufacturing firms.
- **Advanced Textile Recycling**—recycles nylon waste from carpet and other industries and pelletizes it into nylon resin, which is used for automotive applications such as fan shroud in the cooling systems of cars.
- **AstraCom**—developer of a product that removes Internet traffic from telephone voice switches.
- **Media4**—provides business users with the capability to exchange compressed digital, video, audio and multimedia products over satellite and other broadband networks.
- **NetGain**—developer of a sales force automation software for Internet application.
- **NueSoft**—developer of a software system for medical centers that automates daily activities involved in electronic processing, recordkeeping and management of patient information.
- **Photonic Sensor Systems**—develops and manufactures integrated optic chips for biochemical and chemical sensing applications such as clinical diagnostics, environmental monitoring and process control.
- **RelevantKnowledge**—tracks Internet audience demographics.
- **SQLBench**—developer of Web-based load testing software.
- **Synchrologic**—provides software components for development of database applications that are intermittently connected to the network, typically serving mobile workers or remote locations.



## Spotlight

### Meet Ron Mendola

**Full name:** Ronald Richard Mendola

**Age:** 47

**Occupation:** Assistant professor, director of Tech's Jazz and Orchestra programs, musician, songwriter, producer

**Current Projects:** Writing scripts and technical staging documents, while conducting and rehearsing students for the Arts Festival. Outside of Tech (I'm part-time), I'm working on a score for a computer animation short subject I'm co-producing.

**Years at Tech:** 19

**Education:** M.F.A. in Performance, University of Buffalo

**Marital Status:** Married last August

**Children:** Stepdaughter Laura, 18

**My favorite book:** *Prince of Tides*, by Pat Conroy

**One CD in my stereo is:** never enough. I've performed and enjoyed everything from symphonic literature to R&B, Country Crossover to Latin Pop. I'm often caught listening to Beethoven.

**If I were not working I would be:** as creative as time and life's responsibilities allow.

**What brought you to Georgia Tech:** I moved to Atlanta as a base for freelance musical work in 1977. After years of touring and performing, the intelligence of Tech's student musicians attracted me to 'settle down' and help develop the program here.

**One thing I would like to improve about Georgia Tech is:** the cultural and artistic environment on campus, for the benefit of students, faculty and staff. The committee work that the music faculty have done is all about enhancing the cultural environment, breadth of arts exposure and quality of life on campus through the arts.

**My favorite spot in Georgia is:** almost anywhere in the North Georgia mountains.

**My most important achievement is:** eventually working out what 'honesty, creativity and love' mean and what they offer.

**If I could do it all over again I would:** respectfully decline the offer!

**Briefly describe your most memorable vacation:** Honeymoon to the Tuscan wine country and Florence. Evening dining al fresco offered the fragrance of grapes, light from the stars, taste of garlic, parmesan and red sauce, and sounds of laughter and conversation in three or four languages at once. Romance is a good thing.



Photo by Stanley Leary, Georgia Tech Communications



This section features faculty and staff members who recently appeared in print or on the air with major news media.

## On the Record



**Jim St. John**, School of Earth and Atmospheric Sciences, was interviewed by CNN on forecasting El Nino, saying it's hard enough to make a two-day forecast.

**William Ditto**, School of Physics, was interviewed on "All Things Considered," National Public Radio, about heart research, specifically ventricular fibrillation, when the heart stops beating normally.

**President Wayne Clough** was the focus of an article in the *Atlanta Business Chronicle* on his new role as adviser to Noro-Moseley Partners, a venture capital firm in the Southeast that has formed an investment fund to finance technology, communications and healthcare companies.

**Mark Borodovsky**, School of Biology, and head of the bioinformatics program, was quoted in a *Newsweek* article that mentioned bioinformatics as one of the burgeoning fields that reflects a trend toward interdisciplinary programs in arts and sciences. Bioinformatics uses math, statistical and computer methods to analyze biological, biochemical and biophysical data.

**H. Randall Roark**, Urban Design Workshop, wrote an article appearing in the *Atlanta Journal & Constitution* on the Piedmont Park Conservancy and its opposition. The private non-profit group has proposed a million-dollar makeover of 24 acres of the park.

**Steven McLaughlin**, School of Electrical and Computer Engineering, was the focus of articles in *Georgia Professional Engineer* and the *Atlanta Journal & Constitution* about his \$500,000 research award from the White House to support his research in optical recording systems.

**President Clough** was quoted in an *Atlanta Journal & Constitution* article on the increasing demand for trained, high-tech employees.

**Robert Nerem**, Petit Institute, was quoted in an article in the *Atlanta Business Chronicle* on Tech's plans to include space for an incubator for start-up companies in the new biosciences institute.

**Jean-Lou Chameau**, College of Engineering, was quoted in an article published in *Black Issues in Higher Education* on how research universities are trying to get more African American undergraduates started in the sciences.

**Anderson Smith**, College of Sciences, also was quoted in *Black Issues in Higher Education* on recruiting African American undergraduates into science and engineering programs.

**Gary May**, School of Electrical and Computer Engineering, also was quoted in *Black Issues in Higher Education*, saying that many students don't know Black engineers until they meet him.



# Campus EVENTS

## Arts

### May 2 - 10

**CultureFEST '98.** Sponsored by ISSP, SGA, RHA, Student Foundation, Student Affairs, Alumni Association, Hall Council. All films listed below are at 8 p.m., in the Student Center Theater, and admission is free.

### May 2

International film **"Kolya"** (Czech Republic).

### May 3

International film **"Under the Domim Tree"** (Israel).

### May 4

International film **"Indochine"** (France).

### May 5

**International Food Fair**, 11:30 a.m. - 1 p.m. 1st and 2nd floor of Student Center, \$4.

## Brown Bags/Lectures

### April 30

Woodruff Seminar Series, **"Limits of Lubrication Theory,"** by Professor John Tichy of Rensselaer Polytechnic Institute. 11 a.m. - 12 p.m., MRDC Building, Rm. 4211. Refreshments will be served. Contact: Ward Winer, 894-3200 or ward.winer@me.gatech.edu.

**Distinguished Lecture Series**, Graphics, Visualization & Usability Center. Speaker: Randy Pausch, Carnegie Mellon

University. Noon, Pettit Building (MiRC), Rm. 102. Contact: 894-4488, or gvu-info@gvu.gatech.edu.

### May 1

**"Why New Ideas Resemble Old Ones: Conceptual Structure, Pragmatics, and Cognitive Load,"** by Thomas Ward, professor of psychology, Texas A&M University. Lecture, 12 - 1 p.m.; discussion 1 - 1:30 p.m., Student Center Theatre. Contact: Jocelyn Thomas, 894-7865 or jocelyn@cc.gatech.edu.

**"Current Research Areas in Organic Aerosols,"** by Jay R. Odum, Civil Engineering. Presented by School of Earth and Atmospheric Sciences, 3 - 4 p.m., 209 EAS Building. Contact: Susan Ryan, 894-3893.

### May 4

Literature, Communication, and Culture presents the Frank N. Magill Lecture, **"Vulgar Epistemology: Science and Common Sense Re-Visited."** Speaker: Steven Shapin, professor of sociology, University of California, San Diego. 3:30 p.m., Clary Theatre, Student Success Center. Contact: Alan Rauch, 894-7000, or alan.rauch@lcc.gatech.edu.

## Miscellaneous

### May 2

**George C. Griffin Pi Mile Road Race**, presented by Georgia Tech Alumni Association. Pi Slice Fun Run, 8:30 a.m.; Pi Mile Road Race, 9 a.m. Registration, 7:30 - 9 a.m., in front of Student Athletic Complex. Entry fee: \$15 for faculty, staff, alumni and friends; \$7 for Tech students and children under 12. Free T-shirts, refreshments after race for all race participants. Registration forms available at Alumni Association office. Contact: Lisa Conley at 894-0759.

## Parking Notice

Construction of the Manufacturing Related Disciplines Complex, Phase II, will begin in May with an anticipated completion date of January 2000. The building will be located on Ferst Drive across from SAC and north of the ISyE building. The project will permanently close the parking lot

north of the ISyE building and also will require closing all of the sidewalks crossing the site. The construction fence is scheduled to be installed in mid-May; the sidewalks and the parking lot will be closed at that time. For more information, contact Gary Petherick, Office of Facilities, 894-4087.

## Classifieds

### APPLIANCES

1950s vintage gas stove (works) a couple of knobs missing. \$1,500. Contact Pia, 894-3523 or piavazelle.jerome@gttri.gatech.edu.

### AUTOMOBILES

1988 Honda Accord LX-i. White, automatic, fuel-injected, 4 door, power moon roof, power windows/locks, cruise, AM/FM stereo cassette. Burgundy interior. 117K miles. \$2,900. Call Bob, 770-973-3381.

1991 Mitsubishi Eclipse GS. Black, 5-speed, 16-valve, A/C, pwr windows and locks, CD player, aluminum alloy wheels, new tires, new clutch. \$4,995 Call 770-528-7564 or e-mail thomas.perry@gttri.gatech.edu.

1995 Honda Civic, red, automatic, 4 door, 73K miles, great condition. Asking to assume loan. Contact Andrea, 894-3411 or 404-691-5788 evenings and weekends.

### COMPUTERS

Tektronix Phaser 350 color printer. Ethernet capability, extra memory, ink cartridges. Retail for >\$4,500, asking \$2,800. Scott, 894-8612 or scott.perkins@oit.gatech.edu.

### FURNITURE

Armoire w/ two types of inlaid wood. Great condition. Paid \$975, will take \$850. Must sell! E-mail fred.carman@vpea.gatech.edu.

### REAL ESTATE

Wanted: To rent BR/BA in Marietta or Virginia Highlands/Morningside/Decatur or Marietta/Smyrna. Will pay as much as \$250-300/month plus util. Hope to move in by Aug. 1. Contact Mary Beth, 770-421-9532.

Wanted: M/F to share 3 BR, 2 BA house w/garage in Fairburn. Accessible to Marta. \$350/mo and half util. Available end of May. Contact Robert, 770-964-2595 or Melissa, melissa.sullivan@housing.gatech.edu.

For sale: 2-story English Tudor, 4 BR, 2 1/2 BA, LR, DR, FM, eat-in kit, 5th BR or study, 2,500 sq. ft., in Tucker, owner finance, \$109,900, avail. June 1. 894-9621 or 770-979-2395.

For sale: 2 BR, 1 1/2 BA townhouse in Douglasville, 2 miles from I-20. Fenced yard, new stove and dishwasher, washer/dryer hookups. Open floor plan downstairs, large bdrms upstairs. \$41,000. Call 770-794-0851.

For rent: room w/ cable, washer/dryer. \$150 deposit, \$350/mo. Near MARTA, E. Atlanta Shopping Villa crossing Glenwood and Moreland. No smoking or overnight guests. Call F. Kelly, 404-525-5810, 4 - 10 p.m. or 894-0588, 6:30 a.m. - 3 p.m.

Wanted: House mate. M or F, non-smoker. Quiet area w/ dog, cat, Smyrna/Vinings. Sitting room, BR, BA. Short-term lease preferred. \$625/mo. incl. utils plus 1 mo. deposit. Call Vicki, 894-9564, or eves. 770-434-6378.

Wanted: House to rent, for my family. N. DeKalb area, preferably Doraville/Chamblee area. Will pay up to \$700. Contact cm132@prism.gatech.edu or 770-455-8397.

### MISCELLANEOUS

Black onyx Hammond spindle organ w/ bench, \$200 OBO. Lane portable bar with cast wheels, \$50 OBO (needs refinishing). E-mail nancy.bowen@vpss.gatech.edu.

Everett upright piano, American made, all wood, beautiful condition. \$1,600 OBO. Call Miriam, 894-6436.

Early-1900s upright piano and bench, for \$275. Call Jimmy or Sherry Ross, 770-948 7238 after 5 p.m.

2 female labrador retriever puppies, chocolate colored. Parents AKC champs. E-mail ferd.mimilevy@mindspring.com or call 404-233-8678.

Polk Audio RTA 12B floor speakers. \$375. Sony "ES" series CD player. High end unit, \$175. Onkyo pre-amp, free w/ purchase of speakers or CD player. 894-3157 or jeff.kinslow@oit.

MB Quart 6-piece car speaker set with cross overs. Used 1 year. \$400. 894-3157, or jeff.kinslow@oit.

Flatbed tilt trailer, 6 x 10, 3 months old, Home Depot model. New spare tire, extra lugs, lug wrench. \$400. 894-3157 or jeff.kinslow@oit.

Wanted: contact for house remodeling. Room that needs new sheetrock, painting, floor sanding, molding put up. E-mail carol.york@gttri.gatech.edu.

Sony Playstation game console w/ 1 controller pad, 1 memory card, 3 games, 2 sampler game CDs. Retail value, about

\$250. Best offer. Contact 894-0469 or lesley.snyder@conted.gatech.edu.

Bellsouth caller ID. Display shows name, number, date, time, holds 50 calls, \$10. 894-3758.

Pick-up camper top, Brahma, \$75. Fits Ford Ranger, Toyota short beds. Marietta, 770 425-3709.

Compact disc cassette adapter for automobiles. Brand new. Best offer. 894-7172.

High Adventure external backpack \$7. Aluminum cot \$10. Propane, two burner camp stove, \$35. DP weightbench w/ weights \$45. Alto Saxophone \$150. Must sell! Contact fred.carman@vpea.gatech.edu.

Scaasi wedding gown by Ava Forsyth, size 10. Worn once. Price negotiable. Contact Vivian Chandler, vivian.chandler@atdc.gatech.edu or 894-4904 (day), 770-939-6120 after 5 p.m.

Original Bob Marley T-Shirts. 4-6 different prints. Authentic license products. Contact cm132@prism.gatech.edu or Lee, 770-455-8397.

Chastain Series, 2nd row box seats. Face value price incl. 2 tickets, 1 parking pass. Steve Winwood, 5/16; Grand Funk Railroad, 5/22; Clint Black, 5/24; Moody Blues, 6/4; Al Jarreau, 6/23; Chicago/Hall & Oates, 7/14; Culture Club/Human League/Howard Jones, 7/23. Contact Diane DeMillo, 894-0631.

*Editor's note: Faculty and staff may submit ads via e-mail to denise.noble@vpea.gatech.edu or fax to Denise at 894-7214. Ads run for a maximum of three weeks, in the order in which they are received. For more information, call 894-8324.*