

The WHISTLE

The Georgia Institute of Technology

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January 31, 2000

Upcoming city sewer project affects Tech campus

Denise Noble

Institute Communications and Public Affairs

Along with construction arising from the Campus Master Plan, the campus will see even more orange construction signs and workers in hard hats starting this spring due to a city sewer project. Called the Orme Street Combined Trunk Relief Sewer—originally named for Orme Street, which is now known as Techwood Drive—the project is a three-phase city of Atlanta operation to improve and update the city sewer system.

Although it is a city of Atlanta project, Georgia Tech will be affected because the project's scope includes certain areas of campus. To help the campus become aware of what it can expect, following is a Q&A with Fred Dolder, senior project manager, Office of Facilities Design and Construction.

Q. What is the Orme Street project?

A. The Orme Street Combined Trunk Relief Sewer will provide flow relief to the existing, approximately 90-year-old, Orme Street Trunk [a mainline sewer run] for stormwater runoff and sanitary sewer evacuation for and from the south of the campus. Phases I and II were completed between 1995 and 1997 and terminated at Fourth and Fowler Streets. The work is being accomplished within the "city's street right-of-way." On streets that it owns, the city has the right to perform work 17.5 feet on either side of the street centerline.

Q. How did it come about?

A. Originally scheduled as "normal" city of Atlanta sewer system improvements, the priority increased with the failure and collapse of the Orme Street sewer at the Marriott near Techwood and 14th Street in 1994. Additional structural improvements throughout the system resulted in a net reduction of capacity in the existing trunk, which increased the project priority. The existing Orme Street Trunk sewer was no longer providing the capacity required to serve campus and, even more importantly, the drainage basin southwest of the North Avenue-Connector intersection. The old sewer was also deteriorating.

Q. What is the cost and scope of the project?

A. Phase III of the project was delayed until funding of \$20 million became available. Phase III is approximately 3,000 feet in length and 11 feet in diameter. The design has been completed and a contract award is projected for March/April of 2000. This is a continuation of Phase I and Phase II and also the final phase. Completion of Phase III construction is estimated at 21 months after project start.

Q. What areas of campus will be affected, and how?

A. Phase III runs through the eastern heart of the campus: Brittain Drive, east and underground at Bobby Dodd Way and continuing south under Techwood Drive, crossing North Avenue and terminating at Merritts Avenue. We will lose the Fourth and Fowler Street intersection, Brittain Drive and, for a brief period of time, the Brittain Drive and Bobby Dodd Way intersection. It is at Bobby Dodd Way that the tunneling effort begins through to the Merritts Avenue terminus. We lose use of Brittain Drive and access to Peters Parking Deck from Brittain Drive. [See schematic below.]

As part of the project, the city will construct a new entrance/exit to the deck's lower level on the north side of the deck. Brittain Drive will be unavailable for the duration of the project as it will be an open trench construction.

Q. When is work scheduled to begin?

A. March/April 2000

Q. When will it be completed?

A. January 2002

Q. Who will be performing the work?

A. A construction firm under contract to the city of Atlanta. The firm has not yet been selected.

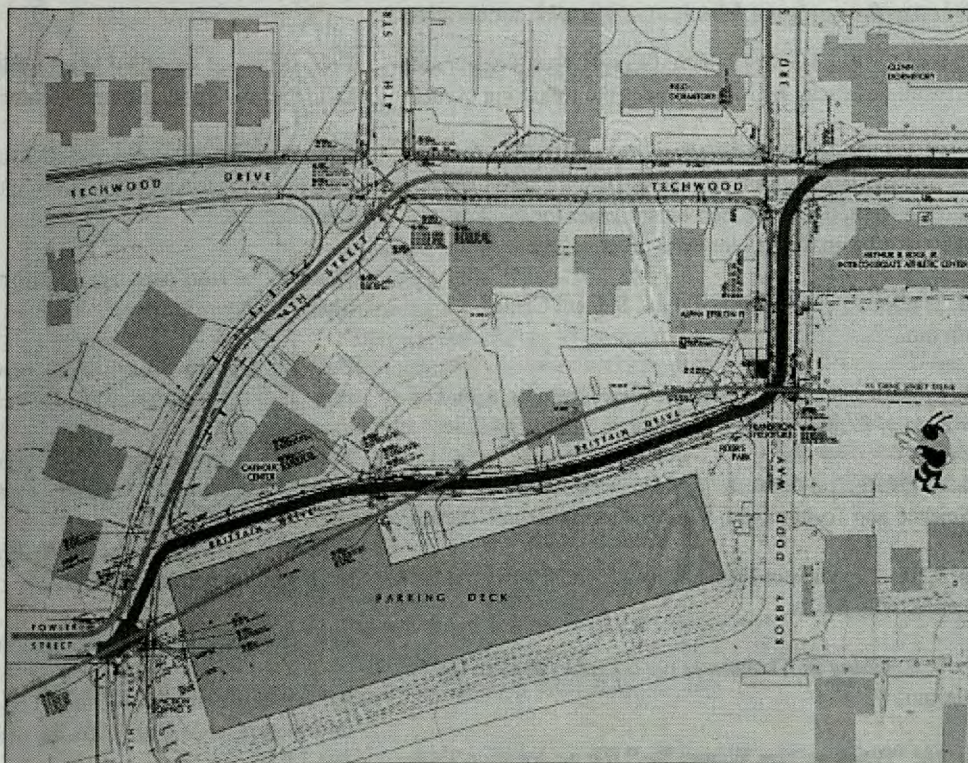
Q. Who at Georgia Tech is involved in the project?

A. While Georgia Tech Facilities and Capital Planning and Space Management are not directly involved in the construction project, we act as liaison with the city. Georgia Tech will closely monitor the project to ensure that the impact to the campus is minimized and that the interests of the Georgia Tech community are considered in all decisions.

Q. What else should the campus know about the project?

A. Construction activities have been and continue to be coordinated with the affected campus staffs and organizations, i.e., the Athletic Association, Housing, Police, Parking and Transportation, Student Affairs and Auxiliary Services.

This will be a nuisance for the campus, but we are working with the city's representatives to minimize the inconvenience. The city has proved to be quite accommodating, and they are applying the lessons learned from the Phase II effort successfully completed in 1997.



Portion of a schematic of the Orme Street Combined Trunk Relief Sewer: Shown above is the area on campus that will be affected most. The bold line marks the project's path.

Roper's retirement caps 38-year career at Tech

Dan Treadaway
Institute Communications and Public Affairs

There is only a handful of people in the Georgia Tech community who can recall a time when Frank Roper was not a part of the campus, either as a student, instructor or the Institute's registrar. On Jan. 31, Roper will retire as registrar, leaving the community that "has been my family for the past 44 years."

"Frank Roper has been an institution at Tech," said Provost and Vice President for Academic Affairs Mike Thomas. "He has signed more than 79,000 diplomas and has developed an outstanding Registrar's Office."

When Roper first came to Tech as an industrial engineering student in 1956, he had no idea he would devote his entire career to the Institute. As an undergraduate, Roper was a co-op student at Lockheed Aircraft Co. (now Lockheed Martin) in Marietta. He graduated with a Bachelor of Industrial Engineering in 1961, then earned a Master of Science in Industrial Engineering in 1963.

While he was a master's student, Roper was hired as an instructor in the School of Industrial Engineering, spending half his time teaching and the other half working with students to make sure they kept on track for graduating.

"That's what got me interested in the Registrar's Office and the work they did," Roper recalled.

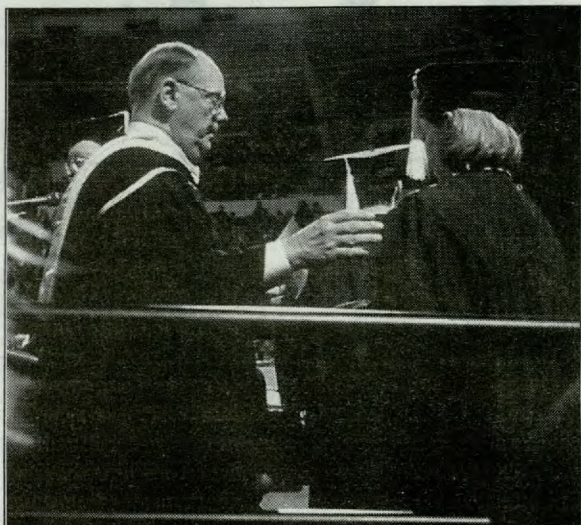
In fact, Roper's interest was so keen that in 1965 he left Industrial Engineering to become assistant registrar. Two years later he was promoted to associate registrar. In 1968 Roper became registrar and associate professor of Industrial and Systems Engineering.

His most significant achievement as registrar, Roper believes, is "the people I've brought to Georgia Tech. They're the best that any school could hope for."

Over the years, Roper has been highly active in the Georgia Tech community. He has served as faculty advisor to the Co-op Club since 1965, and as secretary to the Undergraduate Curriculum Committee, Graduate Committee, and Student Academic and Financial Affairs Committee since 1968. Off campus, Roper has held numerous leadership positions in several professional associations, including the American Institute of Industrial Engineers, Georgia Society of Professional Engineers, Phi Kappa Phi, Alpha Pi Mu Industrial Engineering Honorary Society, American Society for Engineering Education, and the American Association of Collegiate Registrars and Admissions Officers.

Although Roper has been eligible for retirement for a few years, he decided to stay on and help the campus through its transition to the semester system. "I felt like I would be doing the staff a disservice by not seeing them through the semester conversion process," he said.

As for his retirement, Roper plans to continue living in Atlanta and "just take it easy."



A first, and last, time for everything: Frank Roper helps keep graduates in line at fall commencement, his last commencement ceremony and the first since semester conversion.

Library offers access to transportation statistics

Liz Genest
Library and Information Center

Many students and faculty members at Georgia Tech rely on current and accurate transportation information for research and development. To meet these demands, the Library and Information Center is introducing TRIS Online.

Transportation Research Information Services (TRIS), the world's largest and most comprehensive bibliographic resource on transportation information, now offers a public-domain, web-based version of the database component of the National Transportation Library. TRIS Online is a collaborative effort between the Transportation Research Board, National Research Council, National Academies, the Bureau of Transportation Statistics and the U.S. Department of Transportation. It provides:

- 400,000 bibliographic records covering transportation research published in books, journal articles, technical reports and other media
- coverage of federal, state, local and association publications
- coverage of literature from the 1960s to the present, with some coverage of prior years
- selected links to full text or sources of full text
- links to the IRRD database for further coverage of international transportation
- searching capability by author, title, subject
- more than 20,000 new records each year

For more than 30 years, TRIS has been an important component of transportation information dissemination. It is used worldwide by researchers, engineers, planners, economists, environmentalists, designers, consultants, lawyers, teachers and students. For more information, see <http://tris.amti.com>.



The Whistle

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

African-American Heritage Month activities

February is Black History Month. Georgia Tech's celebration of African-American heritage includes the following events:

Feb. 1: Art exhibit and reception, featuring works from the collection of Georgia Tech professors Danny Boston and Catherine Ross, 6 p.m., Robert Ferst Center for the Arts. Exhibit will be on display throughout the month.

Feb. 2: Kickoff celebration, 7 p.m., Student Center Ballroom.

Feb. 3: Booksigning by Lawrence Otis Graham, author of *Our Kind of People*, 12:30 p.m., Georgia Tech Bookstore.

Feb. 5: Oratorical contest, "African-American Contributions to Science and Technology," 9 a.m., Success Center Theater.

Feb. 9, 16, 23: African Dance Class, 5 - 6:30 p.m., Center Street Activity Room.

Feb. 9: A Killing in Choctaw, a play, 7 p.m., Student Center Ballroom.

Feb. 10: "Black as You Wanna Be," 6 p.m., location TBA.

Feb. 15: Guest speaker: Tech alumnus Jim Davis, senior vice president of Georgia Power, 11 a.m., Student Center Theater.

Feb. 16: Guest speakers: Mayor Bill Campbell and Rev. C.T. Vivian, 7 p.m., Student Center Ballroom.

Feb. 17: Oratorical contest, "African-American Contributions to Science and Technology," 5 p.m., Success Center Theater.

Feb. 21: African-American History, Mystery Night, 7 p.m., Student Center Ballroom.

Feb. 22: African-American entrepreneurship panel discussion, 7 p.m., Student Success Center, Suite B.

Feb. 24: Guest speaker: Susan Taylor, editor-in-chief of *Essence Magazine*, 7 p.m., Student Center Ballroom.

Feb. 28: Guest speaker: Juan Williams, author of *Eyes on the Prize*, 7 p.m., location TBA.

Feb. 29: Quiz Bowl, 7 p.m., Student Success Center Theater.

All events are free of charge and open to the public. For more information, contact the African-American Student Union at 894-2802.



Spotlight

Meet Troy Peace

Full Name: Troy D. Peace (pictured on right)

Age: 35

Occupation: Academic advisor (football)

Current projects and/or research: Assisting the Georgia Tech football players in their pursuit of academic excellence.

What do you find most challenging about your job? Helping 110 18- to 21-year-old football players attain and maintain their academic focus and manage their time while attempting to become the best student-athletes they can.

Years at Tech: 1 1/2 years

Education: B.A. (psychology) and M.A. (clinical psychology), University of the District of Columbia

Marital status: Single

The last book I read, and enjoyed, was: *Playing For Keeps: Michael Jordan and The World He Made*, by David Hamerstrom

My ideal weekend would include: Beating the University of Georgia with a last second field goal and then finding out I won the lottery.

One thing I would like to improve in today's society: I would like to see the concept of "family" reestablished. Our society is lacking in family values and morals. I firmly believe that the foundation has to be created in the home at an early age.

Most people don't know that I: Once met and had a conversation with Michael Jackson. I'd like to do it again because there are a lot of questions that I'd like to ask him now that I didn't ask then.

My most important achievement is: Being the first in my family to graduate from college. I tried to raise the bar a bit higher by going a bit further and getting my master's degree. The happiness and pride displayed by my family the day I walked across that stage is something that I could never put into words. I'll never forget it.

Briefly describe your most memorable vacation: I drove across the country with my aunt and uncle. As a young man who grew up on the streets of Washington, D.C., I never dreamed that I would ever do such a thing. I'd do it again in a minute.

My daily routine would be incomplete without: Saying some form of a prayer. Each morning that I open my eyes I realize I have a great deal to be grateful for. It's imperative that I take a moment each day to say thanks.

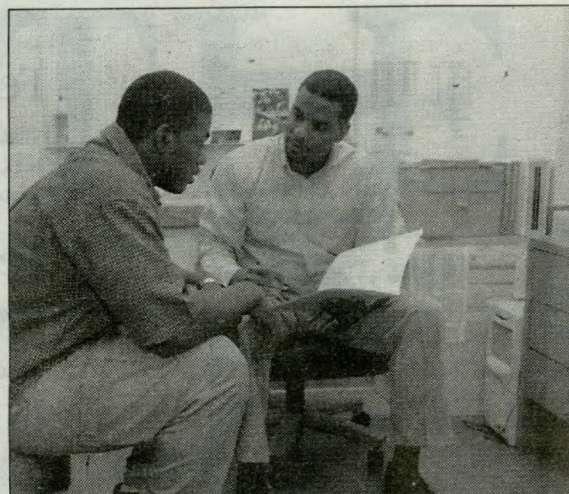
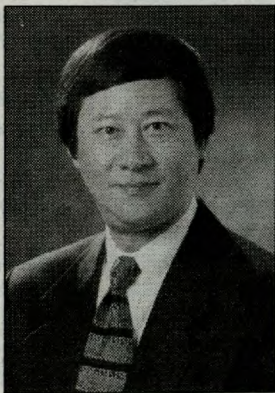


Photo by Stanley Leary, Institute Communications and Public Affairs

Ku shares entrepreneurial experience with DuPree College

Elizabeth Campell
Institute Communications and Public Affairs

Reflecting the growing importance of high-tech entrepreneurship, the DuPree College of Management, the College of Engineering and the School of Electrical and Computer Engineering have named David N. Ku, Regents' professor in the Woodruff School of Mechanical Engineering, to the Lawrence P.



David Ku

Huang Chair of Engineering Entrepreneurship. Ku's appointment to the multidisciplinary Huang chair brings together an innovative collaboration between the DuPree College and the School of Electrical and Computer Engineering.

"Through our DuPree Center for Entrepreneurship we have worked with David on a number of curriculum development projects," said Terry C. Blum, dean of the DuPree College. "I am so pleased that David is officially joining our faculty as the Huang Chair. His experience in the commercialization of technology will strengthen the College's entrepreneurship programs."

With this joint appointment, Ku will direct and teach in the Program for Engineering Entrepreneurship in the DuPree Center for Entrepreneurship. The multidisciplinary chair was created to develop

and teach technology management and entrepreneurship to engineering and management graduate students at Tech. The chair is housed within the DuPree College.

The Huang Chair was recently established with a \$1.5 million gift from Lawrence P. Huang, senior vice president of the Ciena Corporation.

Ku is a teacher, engineer, scientist, surgeon and entrepreneur whose work is supported by the National Institutes of Health, the National Science Foundation, the American Heart Association and the Whitaker Foundation. His collaborative work is performed with Emory University, Tokyo University and the Swiss Federal Institute of Technology in Lausanne, Switzerland.

Ku is also the founder of two biomedical commercialization ventures. Restore Therapeutics develops orthopedic and cardiovascular implants. Medizeus.com offers women secure online access to their medical reports within hours after a mammogram.

Ku joined Georgia Tech in 1986. He is also a professor of surgery at Emory School of Medicine. Ku received a bachelor's degree from Harvard University in 1978, an M.S. and Ph.D. from Georgia Tech in 1982 and 1983 respectively, and his M.D. from Emory University School of Medicine in 1984.

Campus EVENTS

Arts/Culture

Feb. 3 - 4

Parsons Dance Company. A leading dancer with the Paul Taylor Dance Company for 10 years before forming his own company, Parsons has developed a repertory of more than 50 original choreographed works. 8 p.m., Robert Ferst Center for the Arts. Tickets for faculty/staff: \$32.30 and \$27.20. Call 894-9600 or see www.aux.gatech.edu.

Feb. 5

Shakespeare's **Macbeth**, performed by the Acting Company NYC. 8 p.m., Robert Ferst Center for the Arts. Tickets for faculty/staff: \$35.70 and \$30.60. Call 894-9600.

Feb. 11 - 12

Cirque Eloize Excentricus, contemporary European-style circus. The 17 performers include trapeze flyers, contortionists, musclemen, jugglers, clowns, vertical rope-dancers and more. 8 p.m., Robert Ferst Center for the Arts. Tickets for faculty/staff: \$34 and \$28.90. Call 894-9600.

Brown Bags/Lectures

Feb. 5

True Diversity Workshop, led by Magdalen Hsu-li, Asian-American acoustic/pop/alternative music artist, as part of ACAASU Conference. 12:30 - 3 p.m., Student Center. Registration: \$40. Contact Kevin Hsiao, 678-571-0895 or gt6869e@hotmail.com, or see <http://come.2/acaasu>

Feb. 8

Professor **Rajmohan Gandhi**, grandson of Mahatma Gandhi, speaks on "India Pakistan Relations and the Problem of Proliferation." Introduction by Linda Brady, chair, Sam Nunn School of International Affairs. 11 a.m., GCATT Auditorium. Contact: Wanda Moore, 894-3197 or wanda.moore@inta.gatech.edu.

Feb. 10

GVU Brown Bag Series. "**Multisequential and Multiform Narratives and Authoring Systems**," by Janet Murray, School of Literature, Communication and Culture. Noon, Pettit Building (MiRC), Rm. 102. Contact: 894-4488.

Sports

Feb. 5

Men's basketball, Tech. vs. Florida A&M, 1 p.m., Alexander Memorial Coliseum. For more information, contact 894-5447 or www.ramblingwreck.com.

Feb. 6

Women's basketball, Tech vs. Wake Forest, 12:30 p.m., Alexander Memorial Coliseum. For more information, contact 894-5447 or www.ramblingwreck.com.

Feb. 9

Men's basketball, Tech vs. Virginia, 7:30 p.m., Alexander Memorial Coliseum.

Miscellaneous

Feb. 4

John T. Edge, author of *Compass American Guide to Georgia* (Fodor, \$19.95), will speak on his Five Favorite Foods, and Five Favorite Towns in Georgia. 12:30 p.m., Georgia Tech Bookstore. Contact: Gigi Weinrich, 894-1642.

Feb. 8 - 10

Blood drive, sponsored by the Co-Op Club, American Red Cross and the MOVE Office. 10 a.m. - 4 p.m., Student Center Ballroom. No appointment needed. Contact: 894-2002.

Editor's Note: Calendar items should be e-mailed to denise.noble@icpa.gatech.edu or faxed to The Whistle at 894-7214 at least 10 days prior to desired publication. For more information, contact 894-8324.

Classifieds

APPLIANCES

Full size 18 cu. ft. Whirlpool refrigerator with icemaker, almond color, hinge on left side, freezer on top, minor marks on front. \$150 OBO. Pick-up required. Contact Mark, 770-587-5133 or mark.stapleton@gti.gatech.edu.

AUTOMOBILES

1984 Honda Accord, 2-dr, hatchback, manual transmission, pwr steering, good engine, regularly maintained, all maintenance records. \$1,700 OBO. Contact Kim, 894-7746 or kim.marshall@conted.gatech.edu.

1988 Toyota Tercel, 157K miles, a/c, auto transmission, pwr steering, maintenance records, \$1,200 OBO. Contact 206-9661, 894-4078 or gt6516a@prism.gatech.edu.

1989 Chevy S10 Blazer, gray, auto, 2 w-d, 4.3L engine, roof rack, cruise, 202,000 miles (125,000 on engine, 2,000 on transmission), \$3,500 OBO. Carla Koretsky, koretsky@eas.gatech.edu or 872-9025.

1991 Ford Probe LX, 6 cyl, 3L, automatic, a/c, cruise control, pwr locks and windows, 93K miles, \$4,200. Call Nancy, 770-436-2332, ext. 14.

1991 Honda Civic DX, 2-dr, hatchback, 86K miles, red, new tires, AC, AT, am/fm/cassette, \$2900. Contact 894-3030 or takeshi@che.gatech.edu.

1992 Pontiac GrandAm SE, 4 dr, pl, pw, ps, pb, cruise, am/fm/cass. One owner, 113K miles, \$3,950. Contact Chris, 894-4244 or 770-978-6061.

1992 Saturn SL2, 59K miles, white ext., tan cloth int., ps/pw/pdl, a/c, am/fm/cass, 5 spd, bought SUV, must sell. Asking \$5,200 OBO. Contact 894-6062 (day), 636-7197 (eve) or sean.porter@library.gatech.edu.

1995 Chevrolet Impala, SS, black w/ gray interior, 28K pampered miles, auto, loaded, garaged, new tires, immaculate. \$21,000 firm. Contact 894-8832, 770-457-8184 or larry.fountain@edi.gatech.edu.

1996 Dodge Grand Caravan SE, burgundy, 75K miles, loaded, quad seating, dual air, am/fm/cass, CD player, new tires. Moving, \$11,500 OBO. Contact 385-0708 (w), 983-3081 (h) or kwpaik@ee.gatech.edu.

1997 Hyundai Accent L, 2-dr, 5-spd, black, a/c, 33K miles, am/fm/cass, bumper-to-bumper warranty remaining, new tires, dual airbags. Moving, \$4,800 OBO. Contact 385-0708 (w), 983-3081 (h) or kwpaik@ee.gatech.edu.

1997 BMW 328i 4-dr sedan, 48K miles. Silver w/ black leather, 5 spd, sunroof. Will negotiate price below approx. retail book value (\$30,450). Contact lydia.griffin@gti.gatech.edu or Michael Barrett, (w) 770-388-0909, (h) 770-929-0190.

1997 Dodge Grand Caravan. All maintenance records, pw, pl, pm, am/fm/cass/CD, quad seating, tinted windows, luggage rack, new tires. \$14,750. Contact 770-949-4055 after 6 p.m. or norma.denuex@arch.gatech.edu.

1997 Ford Ranger XLT, 4.0L V6, auto, pwr win/locks/mirrors, ABS, alloy wheels, airbags, siding glass, bedliner, am/fm/cass, sport intake and exhaust, 12K miles, \$12,500. 894-8728, 876-0231 or gary.phillips@facilities.gatech.edu.

FURNITURE

Off-white soft leather sectional w/ queen-size sofa sleeper bed, recliner. 8 months old, manufacturer's tag still on, rarely used. Bought for \$2,200 new, asking \$1,500. Shirley, 385-0683 or shirley.miller@carnegie.gatech.edu.

Armoire, night stand in matching wood, good condition, great for starting out. \$70. Will deliver. E-mail carita.reynolds@mgt.gatech.edu.

Children's bunkbed/desk unit, drawers under bottom bunk, 2 mattresses included. White, natural wood color. \$350. Call 770-975-3794.

REAL ESTATE

For rent: Charming, new unfurnished home in historic Kirkwood. 3BR/2BA, hardwoods, full basement, secluded lot, front porch, off street parking, security system. 15 min. to Tech, less than 5 min. to MARTA. \$1,275/month + utilities. Call 678-427-4850 or 733-6855.

Room or house for rent: 5-yr-old house with 2-car garage in Duluth/Gwinnett, 1.5 miles to I-85, Exit 38. Master BR: \$495/m + 1/3 utilities; others: \$375/m + 1/3 utilities; whole house: \$1,200/m + utilities. Carrie, 778-4233.

For rent: Room in 2BR/1BA house in Home Park. \$375/mo., plus \$100 deposit and shared utilities. Available now. Call 875-9621.

Rooms for rent: 3BR/2BA house, Stone Mountain, 40 min. away from Tech during rush hour. Full use of all amenities, \$350/mo. including utilities. Contact 385-6000 or jodine.miller@facilities.gatech.edu.

For sale: Int'l timeshare, \$2,500. Homebase Freeport, Bahamas. Call 305-8460.

Marietta condo for sale: 2BR/2BA, w/d connections, fireplace, sun porch, pool. Only \$80,000. FSBO Katie, 770-426-8105 (eve) or 770-977-1079 (day).

For sale: Condo in historic 1920s brick building 2 miles from Tech. 2nd floor unit, 2BR/1BA, renovated, hardwoods, balcony. 198 Ponce de Leon Ave., Unit A-6. Contact camille.chapman@intprog.gatech.edu.

SPORTS/FITNESS/RECREATION

Nordic Track Pro aerobic exerciser. Like new. Includes workout computer and instructional video. \$200 (original price \$606). Contact 894-3176 or richard.salant@me.gatech.edu.

Parabody 350 multistation workout center. Chest press, lat pulldown, low row, butterfly press, leg extension and more. 1.5 years old. Paid \$4,200, asking \$1,650 OBO. Shirley, 385-0683 or shirley.miller@carnegie.gatech.edu.

Trampoline, 14 ft. octagon shape. \$85. Call 770-975-3794.

MISCELLANEOUS

Like new 1987 Yamaha Virago motorcycle, 535cc, maroon, 3,400 total miles, \$2,500 firm. Contact glen.williamson@ohr.gatech.edu or 770-972-1123.

1994 Honda Magna 750, black, 8K miles, windshield, backrest, hi-way pegs, manual, helmet. V.G.C. adult ridden, well maintained, garaged. \$4,600. Contact 770-389-3366 or sam.mize@cos.gatech.edu.

Casio fx-7000GA scientific calculator with manuals and cover, \$10. Call Nicole Galea, 894-8221.

Free 9-yr-old cat to good home. Declawed, neutered, friendly, affectionate. Call 770-924-1188 after 6 p.m.

Jenn-Air electric cooktop (stainless steel) with accessories, \$300. Queen BR suite (headboard, dresser w/ 2 mirrors, nightstand, chest), \$300. Custom valance, 3 for \$50/ea. Stainless double bowl sink w/ faucet, \$20. Call 770-491-9512.