Students discuss community service opportunities during a recent MOVE volunteer recruiting drive held at the Student Center.

By Jackie Nemeth

Sometimes all it takes to motivate social action is awareness and understanding. Katie Stepp, a senior in information and computer science, said that is all it took for her and hopes for many other students to become more conscious of the world around them.

“I had always wanted to do something community service related, but didn’t know what or how to do it,” Stepp said. “While taking Dr. Nobles’ class (HIST 4876/TASP 8123), I was taught how to get involved. I feel like I am doing something to help others instead of just talking about it.”

And she is doing something.

Stepp works at the Shrine of the Immaculate Conception homeless shelter, in addition to being involved with the steering committee for Georgia Tech’s Habitat for Humanity and as a chair for Mobilizing Opportunities for Volunteer Experience (MOVE), a broad-based community services effort at Georgia Tech.

Founded last spring by a group of students including Michelle Morrison, a 1989 industrial engineering graduate and former Techwood Tutorial Project co-chair, MOVE is a broad-based community services effort for Georgia Tech. Morrison participated in Leadership America, a ten-week self-assessment, leadership, and global community service program, and brought back the program’s ideals to begin a similar effort here.

MOVE, which serves students and student groups as a placement agency for volunteer community work, is striving to develop a philanthropic atmosphere at Georgia Tech, according to MOVE Coordinator Troy Lanier, a senior in electrical engineering. Eight chairpersons place volunteers in the following categories: Angie Fox, families/adults/women; Linda Moran, homeless/hungry; Mel Johnson, special projects; Michelle Barcodale, homebound/elderly/handicapped/terminally ill; Scott Bryant, children; Anne Sullivan and Stepp, database tracking individual or group volunteer interests and efforts, in addition to community service organizations.

“MOVE’s purpose is to enhance the community service and educational mission of Georgia Tech,” Lanier said. “The MOVE chairpersons are extremely dedicated to their work because they realize their work has extremely far

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Clyde Robbins Talks About Tech’s Growth—Past, Present And Future

By Vera L. Dudley

Ever wonder about all of the construction going on around campus? Whose idea was it? When will it be completed? Tech’s campus has actually never ceased to expand since its establishment over 100 years ago. In the last 20 years the campus has tripled in size and the development projects scattered about campus indicates that there is much to look forward to in terms of new structures, renovations and overall campus enhancement.

Much of Tech’s growth in recent years has occurred under the guidance and expertise of Dr. Clyde Robbins, vice president for Facilities. Robbins, who has served Tech for 26 years, is a first-hand witness to Tech’s evolution. He has envisioned and executed the improvements and developments that are enjoyed by the Tech community.

From Robbins, one can learn about Tech’s history, the way it was when he arrived here and most probably the way it will be. While an intimacy has developed between him

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Kranzberg Receives Numerous Honors

Dr. Melvin Kranzberg, Callaway Professor Emeritus of the History of Technology in the School of Social Sciences, has recently received several honors.

Dr. Kranzberg has been formally notified by Dr. R.A. Buchanan, secretary-general of the International Committee for the History of Technology (ICOHTEC), that he has been unanimously elected as the first Honorary President of ICOHTEC.

Representatives from 17 nations participated in the election, which took place at ICOHTEC's meeting in Hamburg (the Federal Republic of Germany) held in conjunction with the International Congress of the History of Science.

In his notification letter to Kranzberg, Buchanan wrote, "The committee warmly appreciates all the support which you have given to ICOHTEC since its foundation in 1968, and recognizes that the great success which it has enjoyed in bringing together international scholars in the History of Technology has derived largely from your dynamism and enthusiasm."

ICOHTEC is a Scientific Section of the International Union for the History and Philosophy of Science, through which body it is associated with UNESCO (United Nations Scientific and Cultural Organization).

Kranzberg was one of the founders of ICOHTEC in 1968 and served as its American vice president from its inception until the Hamburg meeting, when he retired from that post.

In other recognition, Lehigh University Press has published a festschrift in Kranzberg's honor containing articles by some leading historians of technology in the United States. The publication is entitled, In Context: History and the History of Technology, Essays in Honor of Melvin Kranzberg.

In a review of the festschrift, E. H. Christianson of the University of Kentucky wrote, "In a true sense, Melvin Kranzberg of Georgia Tech is largely responsible for the emergence of historical studies in internations of technology and society. Thirty years ago, his determination and the encouragement and assistance of others made possible the creation of the Society for the History of Technology and the publication of a quarterly learned journal, Technology and Culture.""It is general," Christianson continued, "the essays embrace an approach advocated by Kranzberg: technology should not be studied out of historical and sociocultural context. That his own scholarship stimulated studies in the relationships between the ideology of gender and technological innovation and use is suggested by two of the essays. Other essays respond to his interests in comparative study of national experiences and of expressions of popular attitudes toward technology."

In addition, Dr. Kranzberg recently edited a book (along with Yehuda Ellana and Zeheb Tadmor), Innovation at the Crossroads Between Science and Technology, the proceedings of a conference on that topic held a year ago at the Technion-Israel Institute of Technology. The conference brought together some prominent academicians with businessmen and government officials.


Growth . . .

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and the school, on June 30, Robbins plans to retire from Tech, a school which he has literally helped to build.

Comparing the campus of 20 years ago to the present day Tech campus Robbins said, "The campus was 120 acres when I started here. Now it is 340. In the time that I've been here we've probably built 25 projects that cost over $5 million each to complete."

"There was no Student Center, no track, no SAC or major renovation of the football stadium," Robbins continued. "Many of the existing academic buildings weren't here. Tech didn't own anything west of Hemphill Avenue."

According to Robbins, there wasn't anything about Tech then that identified it as a campus because many of its buildings, roadways and parking areas blended into the surrounding neighborhood. "A major four-lane highway is right in front of where the Student Center is now. Adjacent to that were parking lots. There was a popular liquor store and gas station near a large commercial center which the Student Center replaced," Robbins said.

Because Tech possessed the harsh image of an inner city school with lots of concrete and scattered structures, Robbins' goal has always been to beautify the campus by making it more pedestrian oriented. Signs of his active pursuit of that goal are located throughout the campus. For example, the open grassy area in front of the Student Center was a parking lot. A parking lot, houses and commercial enterprises, which once existed between chemistry and management, have been replaced with a lawn. In addition, about 2,000 trees have been planted on the campus in order to that "greener" environment.

Robbins would like to see the elimination of congestion in the center of the campus by moving parking to its edges. Several of the projects that are now under way will still be under construction after he retires, but he is optimistic that his successor will continue projects that will enhance Tech's appearance and efficiency.

Below is an update Robbins gave on the progress of the various improvements and the changes they will bring to Tech.

Student Galleria: This expansion of the Student Center will include a 1,200-seat multi-purpose theatre. Construction began in 1989. Expected date of completion is Fall 1991.

Pedestrian Bridge over North Avenue: A bridge will connect main campus to the Burge Building parking decks and the Alumni/
Volunteer work could range from stuffing envelopes in an agency office to serving lunch at a homeless shelter, according to Sally Hammock, program director for the Student Center Programs Area. Some other examples of MOVE volunteers’ efforts include festivals and holiday projects, literacy programs, and teen center work.

Not only have student chairs received satisfaction in hands-on community service work, Hammock said, but they’re also learning about group dynamics, office procedures and communication skills.

“Most of the student chairs’ time is spent coordinating volunteer effort and reaching people,” Hammock said. “Volunteers and the people they help also learn from each other; throughout their lives, students have probably been surrounded by people like themselves, so volunteer work with the destitute or the homeless, for instance, is a real maturation experience.”

In the future, MOVE plans to publish a newsletter which recognizes community service efforts and publicizes MOVE’s placement services and opportunities. Also in the works is a quarterly seminar, sponsored by MOVE, which will focus on an aspect of community service, Tech’s philanthropic organizations and/or needs for service in the Atlanta area.

“Understanding Public Policy through Personal Action” (History 4576/TASP 8123), taught by School of Social Sciences Associate Professor Gregory H. Nobles, gives students a chance to understand public policy as it relates to community service and to undertake a community service project of their own.

Offering a community service based course with a rigorous, academic framework was a project that grew out of Nobles’ own involvement with the Central Night Shelter. Nineteen students, mostly from MOVE, were introduced to human policy concerns such as hunger, homelessness, health care and illiteracy. Class meetings consisted of discussing reading assignments about these issues and meeting with guest speakers who are leaders in local service organizations dealing with these concerns. Outside of class, students were required to research a particular human policy area, develop a community service project and record their reactions during the project in a journal.

Nobles said he and guest speakers for the class were impressed with the students’ sensitivity, maturity and intelligence.

“These students have social vision and strong human concerns,” Nobles said. “I didn’t have one bad day of class the whole quarter; it was what every class should be like.”

Nobles stressed the need for ethics and community concern components in Tech’s curriculum and for awareness, support and encouragement of student, faculty and staff involvement in community service activities.

“Georgia Tech needs to think about technology in terms of human concerns and how we can help accomplish that mission,” Nobles said. “We need to integrate a community service attitude on campus and focus our energy outward in positive human activity into other people’s worlds.”

Another example of community outreach is the newly formed Georgia Tech student chapter of Habitat for Humanity. The group has helped complete four houses in Cahabagetown and is currently working on others.

Ray Vito, associate professor in the School of Mechanical Engineering and Habitat adviser, likened Habitat’s activities to barn and house raisings for the working poor and their families.

“I have good feelings about helping others,” Vito said. “Doing something to help someone relieves some of the frustration and helplessness of hearing about problems like homelessness all the time. I, and I think others, feel like we’re helping to find a path towards a solution.”

Building houses for Habitat is an on-the-job training experience for volunteers, while the plumbing, electricity and the house’s foundation are completed by professionals. A special part of the Habitat experience is that the family actively participates in the process from finding a location and selecting a piece of property to actually building the home with Habitat volunteers.

“Both the families and volunteers feel a real sense of accomplishment in building the house,” Vito said. “The families also get an education in home ownership responsibilities and home maintenance."

The Habitat at Georgia Tech is currently seeking its charter with the Student Government Association and trying to raise funds to build a house in partnership with the national Habitat for Humanity. Vito emphasized the importance of colleges and universities getting involved with social issues and community concerns.

“Community service and going beyond yourself is a part of education,” Vito said. “For students, college is a good time to get involved with these organizations and to give to others who don’t have the same privileges. Hopefully, these community service habits will last for a lifetime.”

Note to faculty, staff and student employees: If you are active in some type of community service and would like for MOVE to be aware of your activities, please send a brief description of your work to Sally Hammock, Student Center Programs Area, mail code 0458. If you are interested in participating in a community service program or finding out more about MOVE, contact either Hammock or Troy Lanier at 4-2792 or Georgia Tech Habitat President Jim Oliver at 4-8054.

**Briefly...**

**Meeting Postponed** - The General Faculty meeting which was tentatively scheduled for Feb. 13 at 11 a.m. has been postponed.

**Intercultural Exchange** - On Feb. 27, the Brown Bag Intercultural Exchange Series will feature West German Consul General Alexander Von Schmeling and Dr. Siegfried Karsten, an economist and expert on West Germany from West Georgia College. They will discuss the political, economic social and cultural aspects of the Federal Republic of Germany. The seminar will be held in the Student Center, 3rd floor. For more information, call Michael Myers at 4-8397 or Billiee Pendleton-Parker at 4-4474.

**STRAP Deadline Soon!** - The Staff Tuition Reimbursement Assistance Program (STRAP) is available to all permanent, full-time classified employees who have at least one full year of employment with Tech at the beginning of the academic term for which the application is made. The maximum amount of course work eligible for reimbursement is six credit hours per quarter or four credit hours per semester. The deadline for STRAP applications for spring quarter is March 16, 1990. To obtain a STRAP application, call Marilyn Barnes at 4-7701 or stop by the Personnel Division.

**Tartuffe Coming to Tech** - DramaTech will present Moliere’s “Tartuffe” Feb. 16-17, Feb. 22-24, March 1-3 and March 8-10. Showtimes are at 8 p.m., and tickets are $3 for students, faculty and staff and $5 for the general public. Tickets may be reserved in advance by calling 4-2745.

**Dreams of Rio** - For adventure fans who may remember the thrilling mystical adventures Fourth Tower of Inverness (aired on WREK in 1972) and Moon Over Morocco (aired on WREK in 1973), get ready because Jack Flanders is back in Dreams Of Rio. This show, written and directed by Tom Lopez, features a genuine Brazilian sound track recorded on location. Tune in to this program, sponsored in part by OMNICRON, Inc., Saturday at 8:30 p.m. on WREK (91.1 AM).
African-American studies.

The idea for Teach for America came out of the senior thesis research of Princeton University student Wendy Kopp. Her thesis focused on persuading non-education major students to go into teaching positions in public schools for a period of time after graduation. After receiving funding to pursue the idea, Kopp formalized the program to 100 colleges in the U.S. This fall, the first group of college graduates (approximately 500) will begin teaching in inner city schools and rural areas of the U.S. which have persistent teacher shortages.

Troy Lanier, a senior majoring in electrical engineering from Stone Mountain, is Georgia Tech's representative for Teach for America. He says that interviewers will come to the Tech campus on March 9 and 12 to interview Tech students for possible teaching positions. Students must register for an interview in the Student Center Program area on the third floor by Feb. 22. In the Tech chapter, he says, "we are trying to expand the areas of teaching and education to get education back on the spine of the wheel."

Lanier adds that students who are selected as teachers in the two-year post-graduation program, will attend an all-expenses-paid eight-week seminar at the University of Southern California and will then be put in a school with a mentor and peer from the program. The new teachers will be paid a regular salary and will be given complete support by Teach for America.

**Classifieds**

**For Sale** - 1983 Ford Ranger, 4-cylinder, 4-speed, A/C, sliding rear window, 85,000 mi., new master cylinder, 2 new tires, new carburetor, new muffler, new disk brakes, $2,500. Call Madeleine Nix at 4-5576.

**For Sale** - 1987 Blue Toyota pickup, 25,000 mi., 4-wheel drive, extra trk, 2,499. Call 389-9024.

**For Sale** - Macintosh IIX computer, color monitor, keyboard, mouse, 5mb RAM, 100mb hard drive, limited use, loaded w/15-16 graphics, and applications packages. 9 mos. old. 1 yr. warranty, $6,000. Call Sandra Pierotti at 4-7773 or SPIEROTTI via PROFS.

**For Sale** - XT Computer, hard disk, 2 floppy, monitor, color, monochrome card. Call 389-9024.

**For Rent** - Condominium in Vining area, 10 mi. from Tech, 2 BR, 2 BA, bonus rm., wooded backyard, pets allowed, all appliances including W/D, $650/mo. Call 4-2419 or 434-1428.

**For Sale** - King size mattress and frame, $75. Call 255-2166.

**SAUNDERS APPOINTED EDITOR OF JOURNAL**

Dr. F. Michael Saunders was formally appointed to the prestigious position of editor of the Journal Water Pollution Control Federation and chair of the Journal Board of Editorial Review at the meeting of the Water Pollution Control Federation in San Francisco.

Saunders is a professor of environmental engineering in the School of Civil Engineering and serves as the program coordinator of Environmental Engineering. The Journal is an environmental research journal for dissemination of fundamental and applied research in all scientific and technical areas related to water quality and is in its sixty-first year of publication.

The publication reports original research on hazardous waste, ground- and surface-water quality, remediation and treatment systems, conservation and reuse, environmental risk and health, residuals management, waste minimization, and aquatic and environmental sciences.

Under Saunders' direction, the Journal's publication format has been altered to include publication of only peer-reviewed reports of original research on a broad spectrum of environmental research topics. This peer-review process has been upgraded and researchers from numerous water quality and pollution control areas have been included as reviewers of manuscripts.

Dr. Saunders' research and teaching activities are focused on reclamation processes for waters, wastewaters and residues. His principal research focus has been on systems used to characterize, treat and reclaim industrial and municipal residues; biological nutrient removal processes for industrial and municipal wastewaters; and in situ biological reclamation of contaminated groundwaters and aquifers.

He is a member of numerous professional societies and is currently a member of the Executive Committee of the ASCE Environmental Engineering Division and is a past president of the Association of Environmental Engineering Professors.

**WHAT'S NEXT**

**ARTS & ENTERTAINMENT**

**February 17** - Poetry Reading, Maxine Kumin, 4 p.m., Skiles Bldg., Rm. 327

**February 17** - Top Gun Bowling, through Feb. 15, 5:30 - 7:30 p.m., Student Center Recreation Area Bowling Alleys

**February 17** - The Dating Game, 11:00 a.m., Student Center 2nd Floor Lounge

**February 18** - Movie: Pink Floyd: "The Wall," through Feb. 17, 7 p.m., 9:30 p.m. & midnight, Architecture Auditorium, $1

**February 19** - TTN, "Dr. No"/"Goldfinger," through Feb. 25

**LECTURES & SEMINARS**

**February 12** - Biology Seminar, Dr. David T. Webb, assistant professor, Forest Biology, Institute Of Paper Science & Technology, "Progress Towards Genetic Engineering of Conifera," 4 p.m., Cherry Emerson Building, Rm. 320

**February 13** - International Cultural Exchange Series, Dr. Vanya Nick, assistant professor, DeKalb College, "Soviet Union's Political, Economic and Social Conditions and U.S. Relations," noon, Student Center, Rm. 320

**February 18** - Mechanical Engineering/Physics Seminar, Dr. Robert Pollock, reader in surface physics, University of Lancaster, England and visiting scientist, Naval Research Laboratory, "Surface Forces and Deformation at Metal Microcontacts," 9:30 p.m., Coon Bldg., Rm. 217


**February 15** - President's Luncheon/Seminar, Ray Vito, associate professor of Mechanical Engineering, "The Future of Mechanical Engineering," 11 a.m., lower floor, lunch $2

College of Engineering Series, Dr. Jack Jarynski, professor, School of Mechanical Engineering, "Scattering and Radiation of Sound from Shells Coated with Lossy Viscoelastic Layers," 12:30 p.m., Paul Weber-SSTC Bldg.

**February 13** - Electrical Engineering Series, Larry Forney, School of Chemical Engineering, "Fluid Mixing in Straight and Curved Pipelines," 2 p.m., Mason Bldg., Rm. 106, refreshments served

**February 16** - Nuclear Engineering Series, Jack Allen, Westinghouse Nuclear Fuel Division, "Advancement in Fuel Fabrication," 4 p.m., ESM Bldg., Rm. 109

**February 19** - Chemical Engineering Series, Theresa Krukowski Back, Union Carbide Corp., "Process Design in the Chemical Industry," 3 p.m., Bunge-Henry Bldg., Rm. 311

**SPORTS**

**February 13** - Men's Basketball, vs. Maryland, 9 p.m., Alexander Memorial Coliseum (AMC)

**February 15** - Men's Basketball, vs. Fordham, 8:30 p.m., Madison Square Garden

**February 16** - Men's Basketball, vs. Fordham, 8:30 p.m., Madison Square Garden

**February 17** - Men's Basketball, vs. Maryland, 9 p.m., Alexander Memorial Coliseum (AMC)

**February 18** - Women's Basketball, vs. Wake Forest, 4 p.m.

**February 19** - Men's Basketball, vs. Augusta, 2 p.m.

**February 19** - Men's Basketball, vs. August, 2 p.m.