Tech Students To "Take Over" Ten Vice Presidents' Positions On March 1

By Vera L. Dudley

Remember the "Trading Places" experiment that took place last year? President John P. Crecine and David Ritchie, a textile engineering student, discovered what it was like to walk in each other's shoes for a day. The local media got involved and almost everyone in the Tech community was amused by the situation.

This year the Student Foundation has cooked up a similar scheme, only this time it will involve more students and an interesting variety of administrators. Next month, ten students plan to "take over" the offices of ten vice presidents.

The vice presidents who have been invited to participate include Dr. Thomas Stelson, executive vice president; Dr. Gary Poehlein, acting vice president for Information Technology; Dr. F. L. Suddath, vice president for Interdisciplinary Programs; James Langley, vice president for External Affairs; John Carter, executive director and vice president for the Alumni Association; and James Dull, dean and vice president for Student Affairs.

On the "Tech Takeover Day," scheduled to take place on March 1, each of the ten randomly chosen students will arrive at their new offices prepared to experience the average day of a Tech vice president.

Unlike last year, the administrators will not be expected to attend classes as Crecine did when he lived the life of a student for a day. According to Lee Priest, chairman of the Student Foundation Development Committee, "Each administrator who agrees to participate will be given a choice of either having a vacation day or doing the duties of their office.

The leadership in this effort covering both the Ivan Allen College and the College of Sciences has been widespread, constructive, and imaginative," Crecine said. "The progress of the past few months is in large measure due to the leadership of Fred Tarpley and Bob Pierotti, Acting Deans of Management and COSALS, Bob McMath, Associate Dean of COSALA, and Mike Thomas, Director of Restructuring."

Yalamanchili Named As One Of Digital's "Incentives For Excellence" Recipients

Digital Equipment Corp. named Sudhakar Yalamanchili, associate professor in the School of Electrical Engineering, as a recipient in the Digital Faculty Program, "Incentives for Excellence." As one of 13 recipients in the program's second cycle, Yalamanchili will receive $60,000 in cash and equipment grants for up to three years. He was selected from nominations provided by the deans and chairs from leading university and college engineering and computer science departments across the country.

The "Incentives for Excellence" program, initiated by Digital in 1986, encourages talented young faculty members to remain involved in teaching and research in colleges and universities.

Yalamanchili said he was honored to be selected for the award and looks forward to working with Digital.

"The Digital program is very beneficial to students and faculty because it helps faculty produce researchers who know how to work with cutting edge technologies," Yalamanchili said. "I hope to help in further strengthening Georgia Tech's ties with Digital and to make our relationship a mutually beneficial one."

President John P. Crecine also stressed the importance of this award to Georgia Tech.

"This gift is even more significant given the quality of Digital Equipment and Architecture at Digital Samuel H. Fuller. "We are proud that the "Incentives for Excellence" program has proved successful in encouraging talented young engineers and scientists to remain involved in teaching and research in colleges and universities."

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Silk Culture And Manufacture Exhibit Showing At Library

An interesting sidelight in Georgia history is now featured in an exhibit at the Georgia Tech library. Louis B. Magid (1874-1942), engineer, horticulturist, entrepreneur, developer, and promoter, was an active figure on the north Georgia scene in the early 1900s. Among Magid’s more interesting ventures was the re-introduction of the production and manufacturing of silk in Georgia.

Items from his collection of literature on silk culture and manufacture are now on display on the first floor of the library. The exhibit will be shown through April.

Silk was an important colonial Georgia export, but production died out after the Revolutionary War. Magid thought that all the elements for successful silk culture were present in north Georgia, and his experience as a silk manufacturer before coming to Georgia made him confident that he could revive the industry. He was encouraged by a national resurgence of interest in the subject, including support from the U.S. Department of Agriculture. While the project did not succeed, his enthusiasm produced an interesting library.

Magid collected on all aspects of the silk culture and manufacture, from the cultivation of the mulberry tree to the design of the fabric. He travelled and studied in Europe and corresponded with experts in many countries. He patented machinery used in silk factories, and his collection contains photographs and descriptions of equipment.

For more information on this exhibit, call Ruth Hale at 4-4254.

Job Hunting?

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

Physics Groups Use State-Of-The-Art Facilities At Tech

By Charles Hyatt
College of Management

When the American Association of Physics Teachers (AAPT) and an associated group, the American Physical Society (APS) recently came to Atlanta for their annual meetings, they chose the College of Management’s “Classroom 2000” for the site of a weekend workshop on the uses of Hypercard.

The workshop was a preliminary session to the joint convention held to increase teachers’ abilities to present electronic graphics and to use computers in the classroom.

“Learning Hypercard helps us become better physics teachers in several ways,” said Dr. Robert Chambers, co-instructor of the sessions with Dr. John Robeson, both of the University of Arizona Physics Department.

“In the past, we used chalkboards and then overheads,” he said. “Hypercard allows us to prepare and display lectures, diagrams, logical statements and animation in a dynamic way. It’s really the teaching tool of the future.”

Hypercard is Apple Macintosh software which enables computer-assisted instructors to network among several students users, prepare and animate graphics, and project CRT displays onto a large central overhead for classroom viewing.

Tech’s “Classroom 2000” is equipped with 43 Mac IIs as well as an In Focus overhead projection system. The AAPT also held another workshop on new computer tools in physics teaching at the Office of Computing Services over the same weekend.

“This is really a fantastic facility,” said Chambers. “It makes the old fashioned chalkboard look pretty primitive. We’re very fortunate to have access to it so close to the convention.”

Nominees Sought For CETL/Dow Foundation Award

The Center for the Enhancement of Teaching and Learning (CETL) is soliciting nominations for the inaugural CETL/Dow Foundation Perseverance Award which will be given at Honors Day this year. The award, a check for $1,000 and a certificate, will be given to a student who has overcome extreme hardship in completing a degree program at Tech.

Hardship could have many definitions; possible nominees could include students who have physical or learning disabilities, students who are of non-traditional age or a single parent who balances school work and family.

Since this award is new, graduates since spring quarter 1988 are eligible for the award. In future years, the award will be given each spring to a graduate from the preceding year.

Nomination forms are available in the CETL office (Swann Building) and should be sent to CETL (mail code 6883) by March 1. Questions should be directed to Dr. David McGill, director of CETL, or Billiee Pendleton-Parker, assistant director of CETL, at 4-4474.
Tech Graduates Selected As Candidates For The NASA Space Shuttle Program

Maj. Michael R.U. Clifford and Maj. William S. McArthur, Jr, both graduates of Georgia Tech and vehicle integration test engineers at the National Aeronautics and Space Administration's (NASA) Johnson Space Center, were among 23 astronaut candidates recently selected for the Space Shuttle program.

The candidates were chosen from among 1,945 qualified applicants, 106 of whom received interviews and medical examinations between September and November 1989.

They will report to Johnson Space Center in July to begin a year of training and evaluation, after which they will receive technical assignments leading to selection for Shuttle flight crews.

Clifford was born on Oct. 13, 1962 at Norton Air Force Base, Calif. and currently resides in Seabrook, Texas. He received his B.S. in basic science from the United States Military Academy in 1984 and his M.S. in aerospace engineering from Georgia Tech in 1986. He is married to the former Nancy Elizabeth Brunson.

McArthur was born on July 26, 1951 in Laurnburg, N.C. and currently resides in Houston, Texas. He received his B.S. in applied science and engineering from the United States Military Academy in 1973 and his M.S. in aerospace engineering from Georgia Tech in 1983. He is married to the former Cynthia Kathryn Lovin.

Past astronaut candidates who are also Georgia Tech alumni include Rear Adm. Richard Truly (now director of NASA), John Young, L. Blaine Hammond and N. Jan Davis.

Mexican IOC Member Delighted By Warm Tech Welcome

By Jackie Nemeth

Mr. Ruben Acosta, the International Olympic Committee (IOC) representative from Mexico, and his wife received a warm welcome from Georgia Tech Olympic Coalition (GTOC) members and Southern Bell employees at the Wardlaw Center on Feb. 6.

After being greeted by Martha Saghini, a library assistant, Judy Sackfield, women's volleyball coach, and Samuel Alatorre and Fernando Favela, students in City Planning, the Acostas then shook everyone's hands who came to greet them according to Saghini and GTOC faculty/staff coordinator Pamela Richmond.

"They were very excited about the greeting and especially the students who were present to greet them," Saghini said. "They were very appreciative and impressed that there were people to welcome them who spoke their native language."

"These visits and the other work done by the GTOC is making a difference as it did with Mr. and Mrs. Acosta," Richmond said. "It is important that we keep our spirits high and our focus in tact. We want the IOC and sports federation offices to know that we are serious about bringing the Olympics to Atlanta."

GTOC meetings are Thursdays at 5:15 p.m. in the Van Leer Auditorium (unless posted otherwise). Each faculty/staff subcommittee meets at noon; following is a list of meeting days and chairs: Monday - Spotlight, Janice Green, Gay McLaritn and Jackie Nemeth; Tuesday - Ambassador, Billie Pendleton-Parker and Karen Williams; Wednesday - Olympic

Statement On Human Relations

This message is published as an expression of the commitment of the Georgia Tech Human Relations Executive Board to value and to respect diversity on our campus.

Georgia Tech is a diverse community, composed of individuals and groups with a variety of religious, racial, national, cultural, sexual, and educational identities. The continuing need to deal constructively with this diversity is one of the great challenges facing us over the next two decades.

The challenge is both professional and personal. Professionally, we increase the opportunities in our lives if we are able to constructively manage and guide such diversity with tolerance. The challenge is also personal because each of us belongs to a global society, Georgia Tech must be a pluralistic institution. Only by embracing diversity, multiformity, and variety can we gain stature, strength, and influence in the global society.

Incentive ... continued from page 1

ment as a corporation committed to computing excellence," Crecine said. "Digital has a history of support to Georgia Tech and higher education, and this grant just reinforces that relationship."

Yalamanchili received his B.E. from Bangalore University, India, and his M.A. and Ph.D. in Electrical Engineering and Computer Engineering from the University of Texas at Austin, in 1978, 1980, and 1984, respectively. Before coming to Tech's School of Electrical Engineering in fall 1989, he worked on the design and analysis of multiprocessor architectures for embedded applications at the Honeywell Systems and Research Center in Minneapolis, Minn.
**What's next**

**ACADEMICS**
- February 21 - Academic Advisement for Spring Quarter, 1990, through Feb 23
- February 22 - Early Registration (Phase I) for Spring 1990, through March 15

**ARTS & ENTERTAINMENT**
- February 20 - Box Nominations Deadline, 11:55 a.m., Student Center Ballroom
- U.S. College Comedy Competition, 8 p.m., Student Center Ballroom
- February 22 - Georgia Tech Alumni Club Event, Emeral Coast (Pensacola/Port Walton Beach) and Space Coast (Melbourne, Cape Canaveral), TV Party - UVA Game, call 4-2581
- Georgia Tech Alumni Club Event, Houston, Colorado Ski Trip, through Feb 26, call 4-2381
- February 24 - Georgia Tech Alumni Club Event, Houston, North Fulton, Northeast Ohio, TV Party, call 4-2581
- February 25 & 26 - Movie, "Indiana Jones and the Last Crusade," 7 p.m., 9:30 p.m., and midnight, Architecture Auditorium, $1
- February 26 - Georgia Tech Alumni Club meeting, Knoxville, Dr. Gene Griesman, call 4-2581

**LECTURES & SEMINARS**
- February 22 - Material Handling Research Series, Robin Murphy, "A Model For Sensor Fusion and Active Perception," 11 a.m., CRB, Rm. 303
- Presbyterian Center Luncheon/Seminar, Bill Mercer, pastor, Radcliffe Presbyterian Church, "Conversation with Bill Mercer," 11 a.m., lower floor, lunch $2
- Chemical Engineering Series, Alex Pines, University of California - Berkeley, "Recent Development in NMR: SQUIDS & Icosahedra," 3:30 p.m., Boggs Bldg., Rm. 109
- Nuclear Engineering Series, Dr. Willis Bixby, DOE West Valley Project Office, "The West Valley Demonstration Project," 4 p.m., ESM Bldg., Rm. B-4
- Civil Engineering Series, Mark Dorch, Waterways Experiment Station, "Three Dimensional Time-Varying Hydrodynamic Models of Chesapeake Bay," 2 p.m., Marine Bldg., Rm. 105
- February 26 - Chemical Engineering Series, Timothy Anderson, University of Florida, 3 p.m., Bungler-Henry Bldg., Rm. 311

**SPORTS**
- February 22 - Men's Basketball vs. Virginia, 7:30 p.m., Alexander Memorial Coliseum
- February 24 - Men's Basketball at Notre Dame, 4 p.m.
- Women's Basketball, Northern Lights Invitational, Anchorage, Alaska, through Feb 25
- Women's Tennis - Florida State Tournament, Tallahassee, Fla., through Feb 28
- Tech Golfers, Taylor Made/Doral Park National Collegiate, through Feb 25
- Coral Gables, Fla.
- Men's Baseball vs. Eastern Kentucky, 4 p.m., Chandler Stadium
- February 24 & 25 - Men's Baseball vs. Eastern Kentucky, 1 p.m., Chandler Stadium

**People**

Earth and Atmospheric Sciences
- Dr. Charles Weaver has recently had a 419-page book entitled Clays, Mud, and Soils published by Elsevier. The book is a graduate text-reference book for geologists.

Textile Engineering
- Dr. Fred Cook, director of the School of Textile Engineering, was the luncheon speaker during Education Extension's recent course, "Cost Estimating and Control of Textile Operations." Cook spoke on the topic of "New Textile Markets and Business Strategies," The course was taught by Frank C. Wilson, a graduate of Auburn University and the graduate schools of Georgia Tech, Wilson has also held teaching assignments at Tech.

Mechanical Engineering
- Dr. Robert E. Fulton has been appointed to a three-year term on the Visiting Committee for the Department of Mechanical Engineering and Mechanics at Lehigh University. Members of the committee visit the campus at regular intervals and make recommendations to the university provost and board of trustees. At Tech, Professor Fulton chairs the computer-aided engineering research group in the School of Mechanical Engineering and is associate director of the College of Engineering CCE-CAD Laboratory.

**Classifieds**

**For Sale -** Panasonic super VHS, industrial video production equipment. Editing set-up, remote EFP, 8 mm film chain. Call Larry at 3-8506 or 425-5478 after 5 p.m.

**For Sale -** Freshman, 84 cubic ft., upright, like new, $126; queen size mattress, excellent condition, $60. Call 231-1587.

**For Sale -** Ladies' solitaire ring, 14K, yellow gold, 6-prong setting w/.50 ct., round brilliant diamond, appraised at $2,750, will sell for $1,300; 1976 VW Scirocco, 4-speed, A/C, rebuilt engine, less than 1,000 mi., good condition, $1,200; limited edition concert silver Benge trumpet, fully reconditioned, $500. Call Gail at 4-4154.

**For Sale -** Mirrored canopy waterbed, queen size w/6-drawer pedestal base, dk. pine, 6 mos. old, heater, choice of semi or full flotation mattress, 3 sets of satin sheets, $950. Call 491-1229 after 6 p.m.

**For Sale -** Handmade, queen-size, quilt, multi-colored, double wedding ring design, includes 2 pillows and quilt rack. Call 388-0356.

**For Sale -** Brick house, Tucker, Gwinnett County school district, 3 BR, 2 full BA, panelled den w/fireplace, new roof & kit. appliances, double carport, .; acre fenced yard, located close to I-85 & 25 on quiet street, $85,000 or best offer. Call Carol Hubbell at 491-6518 or Anni Hubbell at 4-3320.

**For Rent -** 2 BR, 2 RA, gas, fireplace, vaulted master BR, floored attic, pool, reserved parking, all kit. appliances, W/D conn., patio. Includes water, gas, pickup, landscaping, $595/mo. w/1 yr. lease, available immediately. Call Debbie at 4-6806.

**For Rent -** Condo, 2 BR, 2 BA, A/C, sunroom., fireplace, tennis, pool, Roswell Rd. near Northbridge, $650/mo., available now. Call 256-1540 or 4-4945.

**Wanted -** Apt. or house for spring qtr. for visiting professor from Tel Aviv. Contact Ted Hill at 3-5921 or 3-5788.

**Wanted -** UVA vs. Tech basketball tickets. Call Debra at 4-6809.

**Briefly...**

**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 reimbursability is six credit hours per quarter or four credit hours per semester. The deadlines for STRAP applications for spring quarter is March 16, 1990. To obtain a STRAP application, call Deborah Wilson at 4-3850.

**Free Blueprints**
- A limited number of 1989 (and earlier) Georgia Tech yearbooks are available at no charge to members of the Tech community. The books may be picked up Monday-Friday from 2 p.m.-4 p.m. at the Dean of Students Building.