Ten Students Serve As Vice Presidents During First Tech Takeover Day

By Vera L. Dudley

Ten students won a chance to play the role of a Tech vice president for 24 hours on “Tech Takeover” Day, a fundraising activity sponsored by the Georgia Tech Student Foundation.

On March 1, the chosen few arrived at their temporary offices in corporate attire ready for a day of delegating, decision making, meetings, lunches and learning what being a vice president entails.

Participating students were Sonya Ko, an industrial engineering co-op student (executive vice president); Rob Schleich, a physics student (Planning, Budget and Finance); Zack Tyson, a senior management major (Strategic Planning); Vicki Adams, a junior management major (External Affairs); and Dale Fine, a Navy ROTC student (Operations).

Other student VP’s included Melinda King, a senior building major (Facilities); Allison Bolles, a freshman management major (Interdisciplinary Programs); Anthony Priest, a graduate student in industrial and systems engineering (Information Technology); Jeff Weingartner, a senior industrial engineering major (Student Affairs); and Tish Knight, a sophomore in Textile Science (Alumni Association).

“I got a chance to find out exactly how Tech’s administration was put together and however it is to communicate,” Fine said about his day.

Though students had separate schedules, two sessions were planned to bring all participants together to chat informally. At a mid-morning conference, the student VP’s were given a chance to speak with President John P. Crecine about the “Tech Takeover” and campus issues, including the academic reorganization.

“We advocate a forum where you can come and talk to the students about what is happening and why it’s happening,” Adams said to Crecine during the conference. “A

See Student VP’s, page 3

Abdel-Khalik Named To Position In Nuclear Engineering - Health Physics

By Jackie Nemeth

Georgia Power Distinguished Professor I. Abdel-Khalik, has recently been named associate director for the Nuclear Engineering and Health Physics Programs (NEHP) of the George W. Woodruff School of Mechanical Engineering by School Director Ward O. Winer. Winer announced the appointment and the new title for his position recently at a NEHP faculty and staff meeting.

“Based on my assessment of the needs of the NEHP programs at this time, and on my interview with the faculty, staff, and a cross section of students, I believe Dr. Abdel-Khalik is most qualified to provide the leadership we want for the program,” Winer said.

Abdel-Khalik came to Tech three years ago from the faculty of the Department of Nuclear Engineering at the University of Wisconsin. He has held guest professorships at universities in Germany and Switzerland and is a member of the National Academy of Sciences Committee on the Future of Nuclear Power Development.

Abdel-Khalik has worked extensively with the Savannah River Westinghouse Co. in the effort to restart the Savannah River reactors. He has also served as consultant to numerous other agencies including the Advisory Committee on Reactor Safeguards, the Department of Energy Sandia Laboratories, the Electric Power Research Institute, and the Los Alamos Scientific Laboratory.

Abdel-Khalik did his undergraduate work in mechanical engineering at Alexandria University in Egypt. He obtained his Master’s and Doctoral degrees in Mechanical Engineering from the University of Wisconsin-Madison where he was also a Postdoctoral Fellow in the Chemical Engineering Department and Solar Energy Laboratory.

He has directed more than thirty graduate theses and has published and lectured widely in the areas of nuclear reactor thermal hydraulics, reactor safety, inertial confinement fusion reactors, and fusion-fission hybrid reactors.
the college.

Joint and shared appointments, according to Tarpley, were seriously addressed by the Ivan Allen College's transition advisory committee because "these appointments are a faculty member's identity."

"A number of people were interested in secondary or shared appointments," Tarpley said. "Some faculty members were interested in working with three units."

Within this month, McMath said, the college's faculties will review and make their recommendations on the revised draft proposal for the core curriculum. Those recommendations will be transmitted through the normal channels to the appropriate committees of the Academic Faculty of the Institute.

One new characteristic of the college's core curriculum is that every student will have a non-major "concentration cluster," McMath said. "The students would have a concentrated body of work in another discipline which may connect to their major courses," McMath said. "It could, in fact, lead to a dual degree."

The College of Sciences, according to Pierotti, will consist of biology, chemistry, earth and atmospheric sciences, mathematics, physics, psychology, and health and performance science.

A transition advisory committee and four working committees were established for this college. The undergraduate committee has dealt with establishing a core curriculum and recruitment issues. New undergraduate programs are being planned in discrete mathematics, earth and atmospheric sciences, and biochemistry.

Pierotti said the graduate committee is developing programs in areas such as discrete mathematics and biochemistry, as well as working on recruitment issues and stipends/workloads for TAs/RA's. The space and facilities committee handles immediate needs in areas such as environmental sciences and "examines the need for a major scientific structure on this campus," Pierotti said.

The instrumentation and service committee is responsible for the inventory of available instrumentation and services, the funding and pricing of instruments and services provided, and recommendations for the college's future needs.

Pierotti said the Division of Fine Arts, to be housed in the College of Architecture, will include music, visual arts, drama/ film/video and a Performing Arts Center.

Richard LeBlanc, professor of Information and Computer Science, said the College of Computing has created much excitement and interdisciplinary program possibilities with areas of engineering, management, mathematics and psychology.

"This college has the mission to be linked to all pieces of the academic world at Tech," LeBlanc said. "That interaction will be good for all of us."

Dr. Michael E. Thomas, executive director for restructuring, said the search for a College of Computing dean is attracting much attention.

"As I have talked with leaders in the computing field, no one is not interested in this new college," Thomas said. "Some of the leading people in computing are excited by this college's mission; that is a very gratifying experience."
Sonya Ko took Executive Vice President Thomas E. Stelson's place on March 1. She and nine other students got to see Tech from an administrator's perspective for a day.

and did some invoices,” Carter said. “We had her make some decisions about student projects that the Alumni Association is involved with, and we will go with her decisions.”

Child Care Fair
Coming March 15

More than 100 day care centers, family day-care providers, and referral services have been invited to share information and guidance at Tech's first Child Care Fair on March 15 from 10 a.m.-3 p.m. in the Student Center Ballroom. This event is sponsored by the Georgia Tech Child Care Development Center Committee.

Information will be available on care for mildly ill children and infant care, as well as how to start a day care service at home. Parents and students will also have the opportunity to sign a new babysitting registry that the committee is starting for the Georgia Tech community. The committee will have a table at the fair so that interested parents can learn about Tech's child care plans.

President John P. Crecine appointed this committee last July with graduate students Randal Mandock and Jon Jenkins as co-chairmen. Mandock said the group is looking at long-term solutions for meeting employee and student child care needs.

“Hopefully this [solution] will be an on-site child development center that will provide not only excellent child care, but also an innovative multi-cultural educational program,” Mandock said. In the meantime, we want to give parents information on what their options are now, as well as get input from them on what they want.”

All parents in the Georgia Tech community—students, faculty and staff—are invited to come and learn about their options for child care.

For more information, call Margaret Horst at 4-3578.

SUMMERSCAPE Ready For Second Season

After an enormously successful debut last summer, Tech is preparing to launch an expanded second season of SUMMERSCAPE, a mathematics and science enrichment program for middle school students. Rising seventh and eighth graders are invited to submit applications for this two-week non-residential program.

The program will be offered in two-week sessions: July 8-20 and July 30-Aug. 10. Students will be selected on the basis of their application and the recommendations of their teachers. Space is limited to 40 seventh graders and 40 eighth graders per session.

The cost is $225 and includes all materials, supplies, lunch each day in the Student Center, a SUMMERSCAPE T-shirt, and transportation and admission fees for field trip excursions. Limited financial assistance is available to students who otherwise could not attend this program.

All courses are taught by award-winning high school teachers. Courses offered in the first session will cover photography as a tool of science, energy, the environment and insects. Students in the second session will learn about electrochemistry, optics and physics.

Students will also enjoy computer workshops, field trips, and supervised recreation.

Applications are available in the Administration Building, Room 306 and are due on April 6. For further information, contact Myrna Goldberg in the Office of Academic Research and Support at 4-8894 or at mail code 0330.

Co-Op Directors Receive Accolades
At Conference

Three Tech Cooperative Division administrators received honors at the College-Industry-Education conference recently held in Lake Buena Vista, Fla.

William H. Hitch, director of the Cooperative Division, was recently presented the Alvhk B. Borman Award. The award is given annually by the Cooperative Education Division of the American Society for Engineering Education to a professional who has made sustained, honorable and meritorious contributions to the promotion of the philosophy and the practices of cooperative education in the field of engineering or engineering technology.

Jack Mangham, assistant director, received this award in 1987, and received an award this year as a presenter in the “Best Session” at the group's 1989 conference in New Orleans.

At this year's meeting, Ten Akins, associate director, was elected to chair of this national engineering co-op professional organization for 1990-91.

Whistle Break

Due to the spring break, the Whistle will not be published March 19 or March 26. The next issue will come out on April 2. Items for the April 2 paper must be sent to Jackie Nemeth, acting managing editor, mail code 0181, by noon on March 23. PROFS users may send Whistle items via electronic mail to JLNEMETH.

We appreciate your continued support, and we look forward to an active spring quarter at Georgia Tech!

Job Hunting?

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

SANDRA BERRETT
What's next

ACADEMICS
March 12 - Academic Senate meeting, 3 p.m., Physics Bldg., Lecture Rm. 1
March 12 - Last day to pay fees to retain early registration (phase I) schedule
for Spring Quarter, 1990
Degree candidates will be released from classes at the close of regular classwork
on March 18. All other students will continue in scheduled duties until the end
of the term on March 24
Last day to apply for Cross Registration for Spring Quarter
March 18 - Final grades for degree candidates scheduled to graduate March
24, must be turned in to the Registrar's Office no later than 9 a.m., today
March 16 - Last day of classes for all students
March 19 - Degree candidates re-examinations. A degree candidate who has
a single deficiency between him/her and graduation will be permitted one
re-examination in that course
March 18-23 - Final examinations
March 20 - The last day for Registrar's Office to receive information for quali-
fying a student for March 24 graduation. Must be in by 12 noon.
March 23 - Last day for (1) degree petitions and/or reservation of degree peti-
tions and (2) approved programs of study for Master's candidates to be received
by the Registrar's Office for June Commencement
March 24 - Commencement, Frank Blount, group president for the Com-
 munications Group for AT&T, 10 a.m., Alexander Memorial Coliseum
March 24 - End of Term
March 26 - All grades due in Registrar's Office from schools and departments by
9 a.m.

ARTS & ENTERTAINMENT
March 8 - Art Exhibit, Michael Tilson, "Paintings," Student Center Gallery,
Mon.-Fri., 9 a.m. to 6 p.m., Weekends, 1 p.m. to 5 p.m., through March 30
March 19 - "TTN, "Young Frankenstein," through March 24, Student Center.
1st Floor
March 20 - Midnight Munch: Pancakes, 10 p.m.-midnight, meal card-free,
Student Center Cafeteria

LECTURES & SEMINARS
March 13 - CETL & Chemical Engineering Seminar, Richard M. Felder,
N.C. State, "How College Students Learn, How College Teachers Teach, and
What Usually Goes Wrong With the Process," 11 a.m., Instructional Center,
Rm. 215
Biology Seminar, Mark McLeau, University of Illinois at Chicago, "Estrogen
Effects on Cholesterol Transport," 11 a.m., Cherry Emerson Bldg., Rm. 320
School of Earth & Atmospheric Sciences Seminar, Robert A. Berner, Bateman
Professor, Yale University, 3 p.m., Buerger-Henry Bldg., Rm. 45
Liberty and Audacity Symposium: French Telecommunications for the 21st
Century, 3 p.m., call 874-2902
March 15 - Civil Engineering Series, 1, Kabouris, Georgia Tech, "Real-Time
Control of the Activated Sludge Process," 2 p.m., Masen Bldg., Rm. 185,
refreshments served
Nuclear Engineering and Health Physics Seminar, John Sheffield, Oak Ridge
National Laboratory, "Status of Magnetic Fusion," 4 p.m., ESM Bldg., Rm. 109
Material Handling Research Center Seminar, 11 a.m., Dah Chuan Gong, "AGUS
Simulation Architecture," and Mimitra Vlata, "Warehouse Efficiency Analysis:
An Empirical Study," CRK, Rm. 329
College of Engineering Series, Jerry H. Ginsberg, Woodruff Chair in Mechanical
Systems, "Acoustic Radiation From Submerged Shell Structures Using Varia-
tional Principles," 1:30 p.m., Paul Weber-SSTC Bldg., Lecture Rm. 2, refresh-
ments served
"Sports"
March 16 - Men's Tennis vs. Alabama-Birmingham, 2 p.m., Bill Moore Tennis
Center (BMTCT)
March 13 - Men's Baseball vs. East Tennessee State, 4 p.m., Chandler Stadium
March 15-16 - Men's Baseball vs. New Orleans, 4 p.m., Chandler Stadium
March 17 - Men's Baseball vs. New Orleans, 2 p.m., Chandler Stadium
March 18 - Men's Tennis vs. Maryland, 10 a.m., BMTCT
March 24 - Men's Tennis vs. Yale at Las Vegas, Nevada, 10:30 a.m.
March 24 - Men's Baseball, Rainbow Easter lburnament at Honolulu, Hawaii
through Mar. 31 (Tech vs. Hawaii, Wright State, Oklahoma State, Iona and
Creighton), call Sports Information at 4-5445.
March 25 - Men's Tennis vs. Loyola Marymount at Las Vegas, Nevada,
10:30 a.m.
March 26 - Men's Tennis vs. UNLV, 10:30 a.m., BMTCT
March 30 - Men's Tennis vs. South Alabama, 9:30 a.m., BMTCT
March 31 - Men's Tennis vs. Wake Forest, noon, BMTCT

Classifieds
For Sale - Toyota Supra '87 Turbo, low mileage, 90,000, new transmission,
new tires, moving sale, $4,500. Call Paul Vanderhorst at 4-5011.
For Sale - Queen-sized waterbed, mostly waveless; includes frame,
pedestal, head, liner, mattress, mattress pad, and 3 sheet sets.
Good condition. $220 complete. Call Tony White at 526-7212 or 624-1100
evenings. PROFS TWHITE.
For Sale - 1988 Chevy S-10 pick up, power steering, brakes, A/C, AM/FM,
4,500 ml., excellent condition.
Call Doug at 4-9614.
For Sale - Futon with 8 in. mat-
tress, queen-sized oak $300; queen-
sized bed, extra firm mattress,
$290; 24 in. 16-speed men's moun-
tain bike, $70. All like new, 8 mos.
old. Call Shirley at 4-4530.
For Sale - Gas engine-powered lawn edger. Good condition. $25.
Call Phil at 526-7560 days or 552-9812 evenings.
For Sale - 3 BR, 2 full BA, large
greatroom w/ rock fireplace and
cathedral ceiling; eat-in-kitchen
w/ cathedral ceiling, bonus room,
2 car garage, one acre on wooded lot,
approx. 1,500 sq. ft., assumable
loan, Paulding Co. Call Lynette at
526-7152 days or 443-2913 evenings.
For Sale - BMA/6 certified
10-speed bicycle. Green, 27 inch
wheels, 10-speed. Good, $125.
N. C. State, "How College Students Learn, How College Teachers Teach, and
What Usually Goes Wrong With the Process," 11 a.m., Instructional Center,
Rm. 215
Biology Seminar, Mark McLeau, University of Illinois at Chicago, "Estrogen
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Systems, "Acoustic Radiation From Submerged Shell Structures Using Varia-
tional Principles," 1:30 p.m., Paul Weber-SSTC Bldg., Lecture Rm. 2, refresh-
ments served

Aerospace Engineering
Dewey H. Hodges published a "Mixed Variational Formulation Bas-
el on Exact Intrinsic Equations for dynamics of Moving Beams" in con-
junction with Proceedings of the American Helicopter Society Na-
tional Specialists' Meeting on Rotorcraft Dynamics in Arlington,
Tex. Nov. 13-14, 1989. Hodges, also published "Dynamic Char-
acteristics of Composite Beam Structures" in conjunction with the
same conference.

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