

Peace Corps Director Addresses Role Of U.S. In Decade Of Change

By Vera L. Dudley

U.S. Peace Corps Director Paul Coverdell recently discussed the United States' image as it continues to assist underdeveloped nations and those undergoing political and social change.

Speaking to an audience of students, faculty and staff in the sunroom of Tech's Student Center Cafeteria, Coverdell reminded his audience of the phenomenal changes in China, the Soviet Union and Europe, and how the U.S. is connected to the future of these countries' societies.

"The last decade of the 20th century can indeed be a decade of great promise," said Coverdell. "An era in which the values of America have appeared to have triumphed. An era of free market economies, of democracy, of individual liberties."

According to Coverdell, the U.S. has been a major force in promoting the astonishing changes that have swept the world during recent years, and the Peace Corps has been part of it. He explained that it is up to future generations of Americans to maintain the ideals that evoke optimism in other countries and to demonstrate that America is still prepared to defend

free markets, elections and people.

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Dr. William Chameides, director of the School of Earth and Atmospheric Sciences, said that the Atlanta area's average temperature has risen approximately two degrees Centigrade over the past 15 years.

Representatives Elected To Tech's Three Academic Governing Bodies

With over 50 percent voting participation in several units, representatives have been elected to Tech's three academic governing bodies the Executive Board, the General Faculty Assembly and the Academic Senate—for two-year

terms to begin in mid-September.

Voting within the units was conducted according to the faculty census of December 1989 per the Statutes, even though academic restructuring had resulted in a major realignment of several units by Spring 1990, according to Dr. Gary Lunsford, Secretary of the Faculty.

If vacancies occur within these three bodies, the Executive Board must fill those vacancies (see Statutes, Section 2.5.2.5). Lunsford said such opportunities can be used to "redress" any inequities in unit representation that may have arisen due to the academic restructuring and realignment of units in comparison with their former configuration in December 1989.

Following are the newly elected representatives for each governing body and their respective units/colleges; please note that they are listed under Tech's former academic structure.

Executive Board Representatives

David Sawicki (Architecture); David Herold (Management); Aaron Bertrand, Sandra Thornton and Henry Valk (COSALS); Russell Callen, C. Virgil Smith and James Wang (Engineering); Tom Akins and A. Raymond Moore (Services and Central Administration); and Neal Alexander, Hugh Denny and Kathy Schlag (GTRI).

General Faculty Assembly (GFA) and Academic Senate (AS) Representatives

College of Architecture: Sawicki, Douglas Allen and Randall Roark (GFA), and Allen and Sawicki (AS). College of Management: Herold, Fred Allvine and Thomas Boston (GFA, AS).

COSALS representatives follow by their units. **Biology:** David

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A New Reason To Keep The Trees— Lost Green Space Creates "Heat Island"

By John Toon Research Communications Office

Major cities now have another reason to retain their trees and other green spaces. Rising temperatures caused by the "urban heat island" effect—which is related to the loss of green space—may be boosting production of ozoneforming hydrocarbons in major U.S. cities.

The resulting increase in ozone production offers another possible explanation for why the nation's clean air policy has failed to control urban ozone problems, a Tech scientist suggests. The findings also point out the role land use decisions play in determining a city's environmental quality.

Urban ozone pollution is produced by a chemical reaction between nitrogen oxides and hydrocarbon compounds in the presence of sunlight.

In September 1988, a team of Tech scientists reported in *Science* that natural hydrocarbons from trees play a larger role than originally believed in creating the ozone pollution that plagues many U.S. cities—suggesting that control strategies aimed at nitrogen oxides might be more effective. At the time, critics argued that if the theory were correct, urban areas could control their ozone problems by cutting down their trees.

Now, a follow-up study to be published in the Journal of Geophysical Research has found that reducing the number of trees in urban areas may actually have the opposite effect—raising urban temperatures and thereby increasing production of natural hydrocarbons which react chemically with nitrogen oxides to form ozone.

Trees and other plants moderate air temperature through the evaporation of water from their leaves, a natural air-conditioning effect known as evapo-transpiration, explained Dr. William Chameides, director of the School of Earth and Atmospheric Sciences. Replacing trees with concrete and other manmade materials helps retain heat

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It was a dog day afternoon indeed as participants pushed their dogs to new heights in the Canine Catch and Fetch, a frisbee competition, recently held outside the Student Center.

Trees...

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and reduces the amount of evapotranspiration, creating what is called an "urban heat island." Urban heat islands in major U.S. cities can generate temperatures as much as 12 degrees Centigrade higher than nearby non-urban areas.

Because the rate of natural hydrocarbon production is tied closely to temperature, even a slight elevation in temperature can lead to substantially higher emission rates.

In the Atlanta area, the average temperature has risen approximately two degrees Centigrade over the past 15 years. That increase, Chameides reported, may have boosted natural hydrocarbon emissions by 50 percent—more than offsetting the loss of 20 percent of Atlanta's trees during that same time. He believes other cities may have seen similar increases.

In addition to increasing natural hydrocarbon production, the rising temperatures also speed up the photochemical reaction which produces ozone from hydrocarbons and nitrogen oxides. And the higher temperatures boost the emission of man-made hydrocarbons, primarily from the evaporation of fuels, he noted.

"Observations indicate a strong link between urban ozone and temperature: when temperatures are high, ozone concentrations also tend to be high," said Chameides, who co-authored the study with Research Scientist Carlos Cardelino. "Interestingly, there is also a link between hydrocarbon emissions and temperature. When temperatures are high, both natural and man-made emissions of these compounds also go up."

Trees use carbon dioxide to make carbohydrate food during the photosynthesis process. As the temperature rises, Chameides said, the trees may alter that process to produce larger amounts of hydrocarbons like isoprene, a hydrocarbon emitted by deciduous trees. Costly federally mandated emis-

sion controls on motor vehicles and industrial sources theoretically should have reduced hydrocarbon emissions in the Atlanta area by 50 percent over the past 15 years. That reduction, in turn, should have cut ozone concentrations. But actual measurements of

ozone show little or no decrease during that time. Chameides argued in the 1988 paper that the large volume of natural hydrocarbons produced by trees and other plants creates a huge reservoir of the reactive chemical—a reservoir which is not substantially reduced by the controls on man-made hydrocarbons.

He believes ozone control strategy may have to shift its focus to nitrogen oxides, the other side of the chemical reaction. Measurements in remote locations have found relatively low concentrations of naturally-produced nitrogen oxides, suggesting control of manmade sources of these compounds may be feasible, he said.

Limiting nitrogen oxides would require different pollution controls on motor vehicles, as well as new controls on large combustion sources such as electric powerplants.

Chameides also believes that cities must consider the environmental impact of future land use decisions. By replacing trees with concrete and asphalt, cities are altering their climate and therefore affecting hydrocarbon emissions. He believes cities should adopt strategies to retain tree cover, helping maintain air quality by limiting the extent of the urban heat island. "In the past, the arguments in

"In the past, the arguments in favor of retaining urban trees have been largely aesthetic," he added. "However, it now appears that trees can have a significant environmental benefit. Thus, land use decisions can have a significant impact on a city's ability to meet air quality standards."

New Members Chosen For General Faculty, Academic Faculty Standing Committees

Almost 46 percent of the General Faculty voted in this year's Standing Committee elections, according to Dr. Gary Lunsford, Secretary of the Faculty; this is an increase of over 10 percent from last year's voter participation.

Lunsford added that the Nominating Committee considered the academic restructuring as a factor in constructing the ballots to represent the Institute's units. The election was conducted spring quarter according to the requirements of the Statutes, Section 2.5.7.1(f). All representatives will serve three-year terms, to begin in mid-September, unless indicated otherwise.

Listed below are the newly elected members for the Standing Committees of the General Faculty.

Faculty Benefits: Rebecca Turner (Library) and Margaret Horst (GTRI/RAIL). Faculty Honors: Ray Flannery (Physics). Faculty Status and Grievance: Peter Skelland (ChE), Wayne Tincher (for two-year term, TE) and Jamie Goode (Mathematics). Statutes: Marilyn Williamson (Library), Tim Long (Earth and Atmospheric Sciences) and Bill Sayle (for two-year term, EE).

Academic Services: James Craig (AE), Bob James (Co-Op Office), Kathryn Logan (GTRI/EMSL) and Lee Edwards (GTRI/SEL). *Public Relations:* Ruth Hale (Library) and Barbara Blackbourn (Modern Languages).

Welfare and Security: Bonnie Heck (EE) and Erik Ferguson (Architecture). Copyright: Michael Furman (GTRI/SEL) and James McClellan (EE). Software: John Shilling (Information and Computer Science) and Roy Marsten (ISyE).

Newly elected members for the Standing Committees of the Academic Enculty are as follows

Academic Faculty are as follows. *Undergraduate Curriculum:* Jim Osborn (Mathematics), Robert Green (Management), Jude Sommerfeld (ChE), David Hertling (EE) and Henry Neumann (for two-year term, Chemistry).

Graduate Curriculum: Fred Andrew (for one-year term, Mathematics), Thomas Boston (Management), Dale Ray (for two-year term, EE), C.H. Chuang (AE), Andrew Zangwill (Physics) and Mark Clements (EE).

Student Regulations: James Williamson (for two-year term, Architecture), Mary Ann Ingram (EE) and Anderson Smith (Psychology). Student Academic and Financial Affairs: Stanley Bailey (AE), Sid Gordon (Chemistry) and Phil Adler (for one-year term, Management).

Student Activities: Melinda Millard-Stafford (Physical Education and Recreation) and Waymond Scott (EE). Student Grievance and Appeal: Itzhak Green (ME). Student Honor: Dorothy Yancy (Social Sciences).

Register Now For Fall Quarter Staff Training Courses

The Fall Quarter Skills Development Program offered by the State Merit System is tentatively scheduled to begin on Sept. 10. Employees must obtain full support from their supervisors in order to participate.

The following courses are tentatively scheduled: Accounting I, II, & III; Business English I & II; Business Math I & II; Shorthand I & II; Typing I & II; and Typing Speed and Accuracy.

Registration forms for the Skills Development Program are available from Deborah Covin Wilson, Staff Development Manager, Personnel Division, mail code 0435. Registration forms are due no later than Aug. 2, 1990. For more information call Wilson at 4-3850 or Angela Keaton at 4-7535.



SATEC Systems Inc. recently presented a testing machine used for determining mechanical materials properties to the School of Materials Engineering. (L-R) Dr. Demetrius Paris, vice president for Research Administration, Dr. Stephen Antolovich, director for the School of Materials Engineering, Richard J. Cirillo, sales manager for SATEC, and David P. Morrison, district sales engineer, are shown above with the instrument.





John Dennis Finney (L) recently received the Phi Kappa Phi Scholarship Cup for the most outstanding scholastic record of all members of the graduating senior class. The cup, together with a check for \$5,000 given by the Gay and Erskine Love Foundation, was presented to Finney by Mrs. J. Erskine Love Jr. (R) at the Student Honors Day Luncheon.

Obituaries

Giuseppe Zambonini, a director in the College of Architecture, died at his home on July 7. A memorial mass was held on July 11 at the Cathedral of Christ the King. He was 48 years old.

Zambonini had served as the college's director of programs in architecture since 1988. Before coming to Tech, he taught in Yale University's Graduate School of Architecture.

Zambonini also taught at the University of Pennsylvania, Columbia University and at an architectural school in Verona, Italy. He also taught and served as academic dean at The New York School of Interior Design from 1973-77.

For over 15 years, Zambonini gave symposia and critiques, and published and gave invited lectures throughout the U.S., Europe and Canada.

Born in Viterbo, Italy on March 26, 1942, Zambonini graduated from the Institute of Technology in Viterbo and Verona, Italy. He also earned a doctorate in architecture from the University Institute of Architecture in Venice, Italy.

In a 1982 article, Zambonini said, "Whenever I renovate a loft, it is important that my design does not ignore the original architecture. I don't want to transform a space into a totally new environment. These partial walls create a wonderful tension between the old space and the new design, so it is easy to tell exactly what was there before."

College of Architecture Dean William L. Fash said Zambonini quickly won the respect and affection of his peers in the college and in the larger communities of architecture in Atlanta and the U.S.

"Our college is in a state of shock, his death was completely unexpected," Fash said. "Giuseppe was very animated and energetic, and he was very passionate and energetic about his work and Tech's architecture programs."

"Our programs gained a great deal of momentum under his leadership," he continued. "He was very talented and still a young man. He was just beginning to come into his own professionally."

Surviving are his wife, Claudia; a daughter, Donata, of Atlanta; a brother, Giovanni, of Verona; and two sisters, Franca Mazzaglia, of Rome, and Pia Mazier, of Milan.

Contributions may be made to the Trust for Benefit of Donata Zambonini.

Representatives...

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Dusenbery (GFA, AS). *Chemistry:* Bertrand and Howard Deutsch (GFA), and Bertrand (AS). *English:* Maxine Turner and Philip Auslander (GFA), and Turner (AS).

Also, Earth and Atmospheric Sciences: Charles Weaver (GFA, AS). Information and Computer Science: Mostafa Ammar and Albert Badre (GFA, AS). Mathematics: Alfred Andrew, George Cain Jr. and Donald Friedlen (GFA, AS). Physics: Valk and Rajarshi Roy (GFA), and Roy (AS). Psychology: Stanley Mulaik (GFA, AS).

In addition, Social Sciences: Thornton (GFA, AS). Music and Modern Languages: Barbara Blackbourn, (GFA, AS; this position is to be alternated with Physical Education and Recreation, see Statutes, Section 2.5.2.3(c). Army: Dean Nakagawa (GFA, AS; this position will be rotated among the three ROTC units).

College of Engineering representatives follow by their schools. Aerospace: Smith and J.V.R. Prasad (GFA), and Smith (AS). *Chemical:* Jude Sommerfeld (GFA, AS). *Civil:* Wang, F. Michael Saunders and Aris Georgakakos (GFA), and Saunders and Wang (AS). *Electrical:* Callen, Paul Benkeser, John Buck, and Richard Kenan (GFA, AS).

Also, Industrial and Systems: Augustine Esogbue, William Hines and Gunter Sharp (GFA, AS). Materials: Ashok Saxena (GFA, AS). Mechanical/Nuclear: Joseph Clement, Allan Larson, Ray Vito (GFA, AS). Textile and Fiber: Jordan Dorrity (GFA, AS).

Services and Central Administration representatives follow by their units. Offices of the President and Vice Presidents: Akins, Moore, F.L. Suddath Jr., John Carter Jr., C. Michael Cassidy, C. Evan Crosby, Duane Hutchison and Demetrius Paris (GFA), and Suddath (AS). Library: Martha Griffin and Marilyn Williamson (GFA), and Griffin (AS). Dean of Students: Edwin Kohler (GFA).

GTRI General Faculty Assembly Representatives

Administration/Services: Robert Cassanova. Electronics and Computer Systems: Denny, David Chapman, Paul Friederich, John Mills and Lisa Sills. Economic Development: Jaime Castro, Mark Demyanek, B. William Riall, Charles Ross and David Swanson. Electromagnetics: Joseph Galliano, Anthony Hynes and William Owens.

In addition, *Energy and Material Sciences:* Walter Lackey and Paul Mackie. *Radar and Instrumentation:* Alexander, W. Evan Chastain, Marvin Cohen, Guy Morris and Sam Piper. *Systems Engineering:* Schlag, Sam Blankenship, William Miller, Linda Schuett and David Zurn. *Systems and Techniques:* Andrew Dugenske, Anita Edwards, Joanne Nelson, Jeffrey Sitterle and E. Eugene Toph.

Chemical Education Conference To Cover Variety of Issues

Radioactivity in the classroom and in the community, new directions in AIDS research, global warming, artificial intelligence and better methods for recruiting science students are all topics slated for discussion during the 11th Biennial Conference on Chemical Education.

Scheduled for Aug. 5-9 at Tech, the conference will feature Nobel Laureate Dr. Rosalyn Yalow as well as dozens of other leading scientific authorities. Dr. Mark Wrighton of the Massachusetts Institute of Technology will open the conference with a plenary lecture on Aug. 5 at 7 p.m.

"This conference is a chance for chemical educators representing the pre-college and undergraduate levels to exchange ideas for research and teaching," explained Dr. Toby Fran Block, a research scientist in Tech's School of Chemistry. "We plan many educationally oriented topics—along with issues on the forefront of chemistry, such as AIDS, nuclear science and forensics."

Co-sponsored by Tech, the American Chemical Society (Division of Chemical Education) and the Two-Year College Chemistry Committee 2YC³, the conference will offer a number of highly visual workshop demonstrations at the Omni, along with many formal presentations at Tech.

For more information, call Angela Arnold at 4-3068.

Teachers To Explore "New Frontiers"

Eighty-four educators from all over the state will gather on the Tech campus for the first Summer Institute for Teachers sponsored by Tech, with support from the National Science Foundation.

The two-day program will begin on July 27 with a reception and dinner. Dr. F.L. Suddath, vice president for Information Technology, will speak to the group on "New Frontiers in Information Technology."

On July 28, the participants will attend lectures, workshops and demonstrations conducted by Tech faculty and researchers from a variety of disciplines.

Presenters and topics include: Ronald Shenk (fractals), Nick Faust (electromagnets), Kathy Schlag (pattern recognition), Walter Rodriguez (computer-aided design), John Toler (rehabilitation technology), N.M. Komerath (aerodynamics), Carolyn Meyers (fluid flow bioengineering).

Other participants will be Tom Moran (mass spectrometry), Pete Jensen (NeXT computer), Donald O'Shea (optics), Margaret Graff (physics), Donna Llewellyn (operations research) and Bill Wepfer (mechanical engineering).

B. Eugene Griessman, director for Development-Management will deliver the luncheon address on "The Common Denominators of High Achievement."

For more information, call Myrna Goldberg at 4-8994.



What's next

ACADEMICS

July 27 - Last day to drop a course or withdraw completely from school with all "W" grades

ARTS & ENTERTAINMENT

July 23 - TTN Movie, "The Outsiders," through July 29, Student Center, 1st floor

- July 24 Art display, "Kinfolks," Mixed media by African-American Artists from Dallas, Texas, through August 17. Opening reception, July 27, 5 p.m. Student Center Gallery
- July 27 Movie, "The Presidio," 7 & 9 p.m., Student Center Theatre July 30 - TTN Movie, "Gorillas In The Mist," through Aug. 5, Student Center,

1st floor July 31 - Reggae Concert on the Student Center Steps, rain location: Student Center Theatre, 11:05 a.m., Free

GEORGIA TECH CLUBS, CALL JAMIE PETERSON, EXT. 4-2391 July 26 - NW Georgia (Dalton) Ralph Friedgen, George O'Leary

July 26 - New York, Garnett Keith, IE 57, vice chairman, Prudential Insurance Company of America

July 31 - Suncoast (Tampa/St. Pete), Bobby Ross, Al Ciraldo

LECTURES & SEMINARS

July 25 - Biology Seminar, Dr. Fumio Arisaka, Tokyo Institute of Technology, "Contractile Tail Sheath Protein of Bacteriophage T4: Structural Studies and Mutation Analysis," noon, Emerson Bldg., Rm. 320

Classifieds

For Sale - 2 room sized air conditioners, \$75 each or both for \$140. Call Janice at 4-2300.

For Sale - Emerson air conditioner, 6000 BTU, good condition, \$50. Call Phil at 528-7560 or 552-8612 after 5 p.m.

For Sale - Two Prince Precision tennis rackets (mid size), graphite/ fiberglass w/4 in. & 5/8 in. grips, \$60 each; Kitchen cabinet doors. Price neg. Call Richard at 4-2682 or 377-0056.

For Sale - GE washer/dryer, \$550; futon/footstool (full size, custom fabric), \$525; refurbished antique trunk, \$80; butcher block (solid), \$400; file cabinet \$65; heart monitor, \$100; Haviland china "Rosalinde" setting for eight, \$500; desk chair, \$40. Call Julia at 881-8022 nights.

For Sale - Pro 1500 blow dryer by Jheri Redding, 2 mos. old, \$8. Call Patrice at 4-4154.

For Sale - Gas dryer w/electronic settings, \$150; side by side refrigerator/freezer w/ice maker, \$300. Both are Kenmore, exc. condit., 4 years old. Call Audrey at 4-4673 or 438-1340.

For Sale - 1908 Estey piano, \$250; size 5 Victorian-style wedding dress w/pearl inlay, \$250. Call 325-5726.

For Sale - No money down Buckhead Condo. Assumable mortgage, owner will take second for balance. Call Herman at 4-3876.

For Sale - 4 BR, 2 BA, 2-story home w/basement, W. Cobb near Austell. Lots of extras: custom drapes, ceiling fans, crown moulding, lg. master suite w/sitting rm., neutral colors throughout. Swim/tennis. Owner moving to Arizona and motivated to sell. Call Audrey at 4-4673 or 438-1340. For Sale - 3 BR, 2 BA house in Buckhead w/basement, fplc., W/D 9-10 mos. lease, \$1,100/mo. Call 377-3280.

Tech To Host GACA High School All-Stars - Georgia Tech will host the Georgia Athletic Coaches Association High School All-Star games, with contests in football, baseball, boys' and girls' basketball and girls' volleyball. All games will be played on the Tech campus July 24-27. The games, held in conjunction with the 52nd Annual GACA Coaching Clinic, opens with the volleyball and baseball contests on Tuesday, July 24.

The volleyball match is slated for 7 p.m. in the Heisman Gym, while the baseball games will begin at 5:30 p.m. and 7 p.m. at Chandler Stadium. On Thursday, July 26, the girls' basketball game tips off at 6:30 p.m. at Alexander Memorial Coliseum, followed by the boys' game at 8 p.m. The football game kicks off on Friday, July 27 at 8 p.m. at Bobby Dodd Stadium/Grant Field, and will be televised on WATL-TV (channel 36).

Office Name Change - Effective immediately, the Scholarships and Financial Aid Office has changed its name to Student Financial Planning and Services. This change was initiated because it will reflect and emphasize the role that the office will play in the new student market approach for the future. Questions should be directed to Robert G. Haley, interim director, at 4-4582.

Job Hunting?

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

Peace Corps . . . continued from page 1

Since being sworn in as director of the Peace Corps last summer, Coverdell has traveled to approximately 20 countries to visit Peace Corps volunteers and staff. World leaders he has met include Prime Minister Bhutto of Pakistan, President Aquino of the Philippines and Polish Solidarity leader Lech Walesa.

Already Coverdell's vision and quest to promote the Peace Corps has led to the inclusion of Eastern European countries. Within the next 18 months, the Peace Corps will enter more countries in Africa, Asia and Latin America than it entered in the previous 18 years.

Coverdell was invited by the Executive Round Table (ERT), a student-run organization which provides a forum for students, faculty and industry leaders to interact and discuss current issues. He is one of many prominent guest speakers the organization has highlighted at the several dinners it hosts throughout the year.

In addition to heading the Peace Corps, Coverdell has also served as a Georgia State Senator since 1970 and was the minority leader for the State Senate for 15 years. He is a former resident of Atlanta and was a U.S. Army officer in Asia for several years.

Some of Coverdell's comments revealed his concern for the education of America's youth and of some Americans' attitudes toward the problems of other nations. In view of the collapse of communism, Coverdell explained that the young people of those countries will be looking to America for examples of what could exist in their societies.

"But what will they see?" he asked. "We are but 2 percent of the world population, but produce 33 percent of our world's pollutants. We want poor farmers in Central America to quit producing illegal drugs yet we are their best customers. We abhor racial, ethnic and religious intolerance in other nations, yet they exist here.

"Is America capable of solving such serious problems? Can a nation whose Congress faces paralysis over the budget meet the critical challenges ahead? Does a nation under assault from illegal drugs have the perseverance to defeat the enemy of our time?" Coverdell questioned.

Despite the tone of his thoughtprovoking queries, Coverdell said he was confident in the country's ability to handle its problems and remain the "beacon of hope" he called it earlier in his speech.

"I am optimistic for America. In America, our measure, our resolve, our heart rest with the empowerment of the individual. I believe we have the resolve to match the era of possibilities," Coverdell said. "The 1990s can be an era of great possibilities Can America be ready?"

People

Electrical Engineering

S.B. Wicker recently published "Muting Algorithms Based on the Use of Side Information Generated by Error Control Systems." *IEEE Transactions on Vehicular Technology*, Vol. 39, No. 2, pp. 171-76, May 1990.

C.M. Epstein, D. G. Schwartzberg, *K.R. Davey* and D.B. Sudderth recently published "Localizing the Site of Magnetic Brain Stimulation in Humans," *Neurology* 40, pp. 66-70, April 1990.

D.M. Dawson and *F.L. Lewis* recently published "High-level Language Software: Its Application in the Robotics Field," *Integrated Manufacturing*, Vol. 5, No. 6, pp. 4-7, June 1990.



News for the Georgia Tech Community

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None for th