EDL Moves To Campus

Keeping one short step ahead of a demolition crew, the Economic Development Laboratory moved in June from its former home in the Atlantic Steel building at 16th and Techwood.

The administrative group, headed by Lab Director David Clifton, and the Applied Research Division have joined the Industrial Extension Division on the second floor of the O’Keefe building. The Applied Research Division includes EDL’s Community Training and Development Group, the Economic Analysis Group, and the Transportation Systems Group.

EDL’s Business Development Division, including the Minority Business Development Group, the Occupational Safety and Health Group, and the Trade Adjustment Assistance Center, has established itself on the second and third floors of the Hinman building.

Fitting EDL into existing space on the campus necessitated a great deal of planning and preparation, particularly for the move to Hinman. Under the direction of Manager Tom Jones, EES’s Facilities Management Department renovated old offices, laboratories and storage areas on the ground and second floors of Hinman into attractive offices. The department installed dropped ceilings, some partitions, new carpeting, a small central air-conditioning unit and several window units, and painted all of the new offices. These renovations have measurably improved the usability of the Hinman building.

Other space in Hinman was made available to EDL as a result of several units moving from Hinman. Bob Cassanova, associate director of the Energy and Materials Sciences Lab, moved to the Baker building. Security Services, headed by Al Becker, and Principal Research Engineer Archie Corrher moved their offices to the Electronics Research building. Research Property Management, headed by C.E. Smith, went to O’Keefe. Other personnel shifted and consolidated office space within Hinman.

EDL’s O’Keefe contingent has settled into space formerly occupied by Basic Data and the Manufacturing Technology Center.

With few exceptions, telephone numbers have not changed for personnel involved in these moves.

O’Keefe Is First Site For ATDC

The Advanced Technology Development Center (ATDC) got a big boost with the recent allocation by Governor George Busbee of $485,000 to renovate the ground floor of O’Keefe as temporary housing for fledgling high-technology firms.

An outside contractor is scheduled to begin work on the major task of repair and modernization. In addition to interior improvements, the exterior will be landscaped and a central shipping area and parking lot will be constructed. The entire job will take three to six months to complete. It will provide low-cost work space for 10 to 12 businesses until the $5.1 million ATDC (Continued On Page 2)
**Scouville Wins Prize**

**EES Gets New Parts Stockroom**

EES is getting a long-needed electronics parts stockroom, thanks to the good luck of one of the Station's engineers.

**John Scoville**, head of the Computer Technology and Applications Division of ECSL, recently won a $10,000 drawing sponsored by Hamilton Avnet Electronics. Scoville had entered the company's "Million Dollar Parts Sweepstakes" on behalf of EES. His prize is the largest offered in the Southeast by the electronics parts distributor.

Hamilton Avnet has presented a certificate of credit for $10,000 in parts to the Georgia Tech Research Institute.

**Two Unsung Heroes Save Lives**

Most of us live out our days without ever having the opportunity to save another person's life. But two EES staffers recently were in the right place at the right time and rose to the occasion magnificently.

**Jerry Webb** of the Research Public Relations Office prevented a young woman from jumping off the expressway bridge at North Avenue on June 17 as he was walking to the Varsity restaurant for lunch. **George McDougal**, Systems Engineering Lab engineer on temporary assignment at Eglin Air Force Base, Florida, rescued a teenager from drowning at the beach one weekend.

Hats off to these men, who saved lives at the risk of their own.

**ATDC, Continued**

building is erected on the campus in the next couple of years.

ATDC currently has 24 new businesses in its entrepreneur development program. One of them, a microcomputer firm, already has moved into O'Keefe. Other functions of ATDC, according to Associate Director **Wayne Hodges**, are to recruit new high-technology firms to the state, to help existing Georgia companies expand into high-tech product lines, and to conduct educational programs in advanced technology business development.

**Second Airplane Is Given To EES**

EES has secured a second airplane to be used as an airborne laboratory for electronics-related testing programs. Formerly owned by NASA, the Convair 340 airplane was given to the Station by the federal government.

The aircraft will be used by EES research groups under the supervision of **Lee Edwards**, associate director of the Systems Engineering Lab. "NASA's maintenance on the plane was superb," says Edwards. "It's in top-notch condition and comes to us with a large stock of spare parts."

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**Presentations, August 1981**

**ECONOMIC DEVELOPMENT LAB**

**Ed Lewis**, director of EDL's Industrial Extension Office in Albany, has been elected to the board of directors of the Southwest Georgia Chapter of the American Institute of Industrial Engineers.

**Judi Komaki** presented a paper to the Association for Behavior Analysis at a meeting in Milwaukee, Wisconsin. Her paper was on "Wanderlust in the Workplace: Stalking the Safety Trail."

**Bill Spain** directed and presented two continuing education courses in April at the 1981 American Occupational Health Conference held in Atlanta. At the same conference, **Robert Hawkins** presented a lecture on ergonomics during a course on occupational health hazards. Spain also presented a paper in May on "Other Safety and Health Professionals — Their Tools and Techniques" to the Georgia Association of Rehabilitation Nurses at Emory University.

**ELECTRONICS & COMPUTER SYSTEMS LAB**

A paper coauthored by **Joseph Seals** and **Cliff Burdette** was accepted for the 1981 Microwave Power Symposium held in early June. The paper was on "Comparison of the Dielectric Properties of In-Vivo Rat Brain, Muscle and Tumor Tissues."

The Biomedical Research Division of ECSL will be heavily involved in the Bioelectromagnetics Society's third annual meeting in Washington, D.C., on August 10-12. Seven coauthored papers from the lab will be presented at the conference. Authors...
EES “Old-Timers” Honored

Barbara Allen, Supply Services Manager
Doug Robertson, Principal Research Engineer
Ila Benson, Senior Secretary
Bob Cassell, Principal Research Scientist

The Convair 340 is slightly larger than the Station’s Convair 240. Among other attributes, it can carry somewhat heavier loads. The second plane gives EES the capability to carry out two simultaneous flight tests, or to perform tests requiring two aircraft flying cooperatively.

wards & Honors

are Ron Seaman, Cliff Burdette, Jim Toler, Bernard Jenkins, Daniel Scharf, Allan Moser and Paul Friederich. Several of the papers benefited from the inputs of Tech students Linda Conradson and Gwendolyn Murdock, and Emory professors Robert DeHann and Vojin Popovic.

ERGY & MATERIALS SCIENCES LAB

In June, James Hubbard made a presentation to an Environmental Protection Agency conference in Washington, D.C. He talked about problems associated with asbestos material used in buildings.

Kathryn Logan attended an American Institute of Chemical Engineers course on “Ceramic Powder Processing” in Washington, D.C. in May. She also presented a paper to the annual meeting of the American Chemical Society in May on “Feasibility of Directional Solidification of Lanthanum Hexaboride in a Boron Matrix.”

Abol Ashar presented a paper in May to the Third Symposium on Biotechnology in Energy Production and Conservation held in Gatlinburg, Tennessee. The paper was on “Factors Affecting Alcohol Fermentation of Wood Acid Hydrolyzate.”

RADAR & INSTRUMENTATION LAB

Gene Greneker attended the 1981 Carma-

han Conference on Crime Countermeasures in Lexington, Kentucky, in May. He presented a paper on “Police Radar Counter- measures and Electronic Countermeasures: Electronic Warfare Games On Our Nation’s Highways.” Gene did such a good job that he was made an honorary Kentucky Colonel.

It is with regret and perhaps a tinge of envy, too, that we note the retirement from EES of Barbara Allen, manager of the Supply Services Department; Ila Benson, senior secretary, and Bob Cassell, principal research scientist, Economic Development Laboratory; and Doug Robertson, principal research engineer, Electronics and Computer Systems Laboratory, and director of the Electronics Technology Laboratory until he began phasing into retirement.

They were honored at Georgia Tech’s Retirement and Awards Dinner on May 26, receiving hand-blown glass “yellow jacket” mementoes of their years at Tech. Receiving Gold-T pins for 25 years of service were: Bob Hayes, principal research engineer, Radar and Instrumentation Lab; Dick Johnson, senior staff, Electronics Labs; and Rudy Yobs, EES associate director, Resources Labs.

With unruffled composure and an unfailing sense of humor, Barbara Allen has helped numerous project directors meet seemingly impossible purchasing requirements. Barbara will celebrate her new-found freedom by indulging in a bit of traveling with her sister.

Bob Cassell joined the Economic Development Lab in 1960, followed a year later by Ila Benson. An internationally known industrial and economic developer, Bob will be best remembered at Tech for the training in industrial development he gave to leaders in hundreds of towns all over Georgia, the Southeast, and as far away as the island of Guam. During most of these years, Ila ably served as Bob’s right hand. Bob’s and Ila’s retirement is only “semi,” however. They have opened a part-time office for the Southern Industrial Development Council, of which Bob is past president and currently executive director.

Except for a two-year interval, Doug Robertson has been a research engineer at EES since 1951. He became head of the Communications Branch in 1962 and directed its evolution into the Electronics Technology Lab, which he directed through December, 1980. Doug’s distinguished career has encompassed R&D in communications techniques, speech systems, electromagnetic compatibility, and electronic systems. He’s looking forward to having more time to work in his garden and on home improvement projects.
New Employees Join EES

ECONOMIC DEVELOPMENT LAB
EDL welcomes Jim Mercer as chief of its Industrial Extension Division. Mercer has formerly served as vice president and partner of Korn/Ferry International and as general manager, southern operations, Battelle Memorial Institute.

Jim Thomas, research associate I, is now associate program manager of EDL's Trade Adjustment Assistance Program. Verna Hankins has been promoted to staff assistant in the same program.

ENERGY & MATERIALS SCIENCES LAB
EMSL's Biomass Conversion & Utilization Division welcomes a new chief: Zenon Redkevitch, a former employee of Owens-Illinois, Inc., of Toledo, Ohio.

RADAR & INSTRUMENTATION LAB
Congratulations to Mark Corbin on the birth of a new daughter, Sarah Joy Corbin. RAIL also welcomes five new employees: Senior Research Engineer Carl Cash; Student Assistants Steve Johnson and John Vandegrift; Drafter Kathy Farrill and Research Technician Dave Gerber.

SERVICE GROUPS
The Personnel Services Department regrets losing two employees. Jean Ann Teague, personnel assistant I, has moved to Texas. Julie Hope, clerk I, is going back to school full-time. Ann Alexander has transferred from EDL to assume Jean Ann Teague's position. The Accounting Department congratulates Ken Avery on his recent graduation from Mercer University and his marriage to Pam Joiner. Evelyn Crowner, a former employee of the department, has rejoined the accounting staff.

Yoriko Scott, Supply Services Department, has resigned to pursue a career in the Navy.

SYSTEMS & TECHNIQUES LAB
John Loizos has joined STL's Defense Electronics Division as an hourly co-op. Barry Sharp and Len Cayce of the same division received their master's degrees in electrical engineering in June. Congratulations are given to Mike Ellis on his June marriage to Mary Kathryn Ellis.

1981 Promotions
Thirty-five engineers, scientists and technologists have received promotions for the coming year. Congratulations are due to the following people for their advancement:

Principal Research Engineer/Scientist:
Donald G. Bodnar
Judi Komaki
Billy R. Livesay
Robert W. McMillan
Senior Research Engineer/Scientist/Technologist:
John L. Barkshadt
Mahendra K. Bery
Lucien C. Bomar
John H. Bordelon
William S. Bulpitt
E. Clifton Burdette
J. Clark Butterworth
Thomas F. McGowan
Robert C. Michelson
James C. Muller
Ekkehart O. Rausch
Donald S. Sanford
Hampton L. Teague
Charles S. Wilson
Paul H. Wine
Research Engineer/Scientist II:
R. Dale Atkins
Larry E. Banta
Len B. Cayce
Ronald E. Forsythe
Donald L. Gordon
Jeffrey L. Grover
Herbert M. Harris
Keith R. Harris
Derold W. Holcomb
M. Andrew Lipscomb
Rachel L. Moore
David L. Odom
John W. Peifer
Orman A. Simpson, Jr.
Stephen P. Stuk
Charles E. Summers

David Flowers is now head of SEL's Advanced Countermeasures Branch.

Thomas on the birth of daughter Mary Elizabeth Thomas.
Four new employees have joined SEL: Robert Ray, research engineer II; Tony Rampey, research scientist II; John Lee, electronics technician II; and John Allen, senior secretary. Drafter Barbara Hamilton resigned her position in June.

SYSTEMS ENGINEERING LAB
Several individuals within SEL have assumed new positions. The new assignments are: John Passafiume, head of the Advanced Digital Systems Branch; William Youngblood, head of the Applied Systems Branch; Lloyd Lilly, manager of the new Techniques Analysis Program Office; John Timar, manager, and Donald Gordon, associate manager of the new TAC ZINGER ECM Program Office; and David Flowers, head of the new Advanced Countermeasures Branch.

Congratulations are extended to: Eric Berkobin on his marriage to Dee Ann Larkin; Ronald Creswell for receiving his master's degree in electrical engineering; and to James

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Editor
Jackie Erney 3405
Associate Editors
Dee Ramunno, OOD 3400
Anthony DeCurtis, EDL 3844
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Gayle Tucker, EML 3900
Gayle Hudson, ECLS 3542
Charlotte Sanders, EMLS 3460
Margaret Textor, EMLS 3530
Ginny Gross, EMLS 3589
Maggi Rampeng, RAIL 424-9621
Janice Manders, SEL 3519
Cindy King, STL 424-9647
Virginia Keller, TAL 3475
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