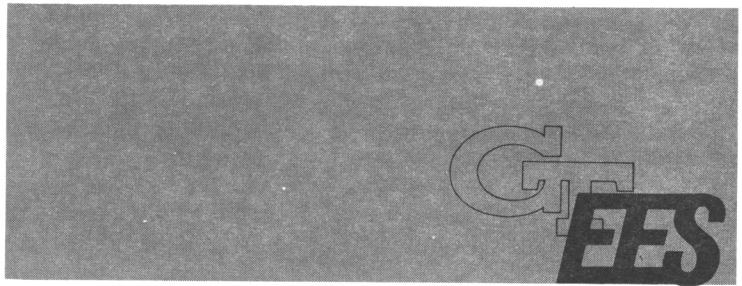


STATION NEWS

ENGINEERING EXPERIMENT STATION • GEORGIA TECH



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SPURLOCK AND ALLEN GET 1977 ABOU

Jack Spurlock of ASL and Dwight Allen, OCA, receive the 1977 Abou Awards for their sufferings.

Highlight of the annual EES Christmas Party, held this past year on December 23 in the large attractive 19th floor observation room of the C&S Tower Building, was the recognition of Jack Spurlock and Dwight Allen with the 1977 Abou Awards. Following are the citations justifying and recording the awards for posterity.

Jack Spurlock ABOU Award for 1977

As usual, we have many who have suffered in the name of research. However, the "Suicide Clause" prevents our awarding ABOU to anyone whose suffering is self-inflicted. This wipes out many otherwise worthy recipients.

After much deliberation, the Award Committee decided that a graduate of Georgia Tech is a likely candidate, because these well-trained staff members are able to recognize and avoid self-inflicted suffering. Therefore, all staff members with a degree from Georgia Tech were examined in detail.

After further deliberations, it was suggested that the recipient most likely would have worked previously for an aerospace firm. Such staff members have demonstrated an enormous capacity to suffer.

This quickly narrowed the Committee's search to a single candidate. His suffering took a dramatic upswing recently when he assumed administrative responsibility for a recently organized research group. It is noted that during the first three months he was asked to ap-



J. Spurlock and D. Allen unveil old Abou at the Christmas Party.

prove 380 material requests totaling over \$40,000 on one project with a \$14,000 budget. His vision must have been 3D.

On another project, he was asked to approve a purchase order for the lease-purchase of a major piece of equipment needed five months earlier. Little did he know that lease-purchases are illegal! After rulings by the State Attorney General, the Board of Regents, the Vice President for Financial Affairs, and the Georgia Tech and EES procurement offices he successfully learned the difference between a "lease-purchase" and a "lease with an option to purchase".

The Award Committee further found that the candidate recently had only an hour to review a proposal which involved two units of the University System, three academic units on campus, a program manager and seven co-principle investigators, construction and management of two off-campus test sites, and the performance of 100,000 analytical tests using equipment not presently available. This

program was accurately priced at \$1,103,249.63. ABOU's mysterious powers may not be sufficient to assure successful performance on this program, but ABOU certainly will provide lots of comfort during the proposal evaluation.

It's no wonder that the candidate is assisting NASA in the planning of a space colony, and it's rumored that he has applied to be the initial occupant! By now you know the suffering recipient — **Jack Spurlock.**

Dwight Allen

It is well known that the ABOU award has a suicide clause, i.e. one whose trouble is by his/her own hand is disqualified from being named recipient. There is also a lesser known rule — in fact it was just discovered this year — that is known as the "Harold E. Stassen/Wyman C. Lowe Perpetual Candidate Rule" which states in part that "just because you ain't never won it — ain't no reason why you can't."

Our second winner this year is just such a man. First nominated in the late sixties and again in 1972, our Honoree has twice (at least) been runner up. His suffering has been so intense and so persistent that the committee insisted that he be recognized before he became immune to the healing powers of ABOU (sometimes known as St. Nicotine the First).

In the past our Honoree has suffered many petty annoyances. These "petty" annoyances came from dispensing the petty cash — for petty purposes to petty people doing petty things for petty reasons. These petty things have grown in proportion to inflation over the years such that "petty" is now defined "as anything not in excess of our Honoree's annual salary."

He has also had the dubious pleasure of being custodian of the travel advance

Continued next page

fund. It is semi-reliably reported that he supplied the cash advance to cover Neil Armstrong's trip to the moon.

But his most recent tribulation — and that which most eminently qualifies him for the protection of an Arab patron saint — is his appointment as Dean of Algerian Students. He now serves as advisor, counselor, father confessor, and tent mother for a covey of Arab graduate students. It is an absolute fact that he was once called at three o'clock in the morning to solve the problem of a tennis ball being bounced off a dormitory wall. He has such constant contact with the Algerian Embassy in Washington that he is put right through to the Ambassador as "that other Georgian — the one with no peanuts." It is likely that under our Honoree's custodianship ABOU will smoke only Camels.

It is our fondest hope that ABOU will lend its soothing powers to heal our Honoree — Friendly **Dwight Allen, OCA.**

Over 300 people attended the Christmas Party and enjoyed the good punch prepared by **Maggie Rampling** and her committee as well as the delicious snacks prepared by **Sharon Sebaly** and her committee. The Publications and Information Office planned the party and extends "thanks" to **Tom Jones** and the committees for their efforts.



C&S Visitor Parking

Six reserved parking spaces at the C&S Bank Tower have been leased (effective January 3, 1978) for use by visitors and Georgia Tech personnel on official business with the EES offices located there. Spaces designed for this use are Nos. 430, 431, 432, 433, 434, and 435. A sign is posted at the entrance of the parking garage indicating these spaces are to be used for Georgia Tech visitors.

Georgia Tech personnel visiting the C&S Tower and utilizing spaces other than the above must pay for their own parking and be reimbursed on their expense account.

Persons using spaces 430-435 should have the ticket validated by stamps which will be available on each floor of the C&S Tower. The visitor should indicate his name, name of person visiting, and the space number he/she is occupying.

Equal Employment Opportunity and Affirmative Action Policies

Tech President, **J. M. Pettit** has recently reaffirmed that it continues to be the policy of the Georgia Institute of Technology including Southern Technical Institute and the Engineering Experiment Station, to implement affirmatively equal opportunity to all employees, students, veterans and applicants for employment or admission without regard to race, creed, color, sex, national origin, age, or handicap. Affirmative action shall be taken to ensure fulfillment of this policy including but not limited to the following personnel actions: **recruiting, enrollment and educational practice; hiring, placement, upgrading, transfer or promotion; treatment during employment; recruitment, advertising or solicitation for employment; rates of pay or other forms of compensation; selection for training; layoff or termination; fringe benefits.**

Weather/Work Policies

When weather conditions (or other circumstances) develop such that normal Institute activities may be officially curtailed by suspending classes and/or reducing normal operations to those deemed critical, the following applies:

Condition I: Under this condition, classes are suspended but other campus operations are normal; therefore, all employees are expected to report for work.

Condition II: Under this condition, classes are suspended and only critical operations are maintained; therefore, employees will not report to work, except those previously designated by their departments.

All personnel will be informed regarding the campus conditions (normally by 6:00 a.m.), i.e. whether *Condition I* or *Condition II* has been officially declared, by listening to broadcast stations WGST, WREK, WSB-AM, WSB-FM, WQXI, WPLO, WBIE-FM, and WRNG.



Briefing on Key Energy Programs

The T&D Lab hosted some 25 of the Georgia State Legislature on 31 January at the C&S Building. Such committees as the Appropriations, Agriculture, Natural Resources, University System and Industry from both the Senate and the House were represented.

They were welcomed by Tech President **Joseph M. Pettit**, and Dr. **Don Grace** made some opening remarks. Briefings on our energy research programs were given by **Rudy Yobs, Richard Combes, and Jerry Birchfield** of TDL.

Following a short happy hour with cocktails, a chicken dinner provided by the Georgia Poultry Association was enjoyed by everyone.

EES Meets New Faculty

On Wednesday, January 18, Dr. Don Grace and his lab directors hosted a get-acquainted coffee and informal briefing for some 20 new members of the Ga. Tech Faculty. They gathered in the Baker Building for discussion and review of the EES organization, missions and functions.

An Equal Education and Employment Opportunity Institution

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Regional Science and Technology Conference

Ambassador Jean Wilkowski delivered the keynote address at the Southeastern Regional Conference on Science and Technology for Development held on the Georgia Tech campus on Mon., Jan. 16.

The conference's objective was to give the public an opportunity to influence the position that the U.S. government will take at the 1979 U.N. Conference on Science and Technology for Development (UNCSTD). Ambassador Wilkowski is coordinator of U.S. preparations for UNCSTD.

Another distinguished speaker at the conference was Dr. H. Guyford Stever, a prominent scientist and educator and high-level advisor to the federal government and industry.

Representatives from industry, public interest groups and other non-governmental organizations in Alabama, Florida, Georgia, Louisiana, Mississippi, N. Carolina, S. Carolina and Tennessee were invited to attend the conference and share their views on how U.S. science and technology groups can best be used to improve economic and social conditions in the developing countries. Most of the day was devoted to public hearings, with sessions being chaired by Dr. Donald J. Grace, Director of EES, Dr. Joseph M. Pettit, President of Georgia Tech; and by Dr. Stever.

The EES Office of International Programs organized the conference.

RAIL Internal Organization Restructured

During the first ten months of its existence as an organization entity, RAIL has experienced notable growth. The level of externally sponsored personal services has grown by better than 40%.

In an effort to better accommodate this growth and, at the same time, continue efforts to group RAIL's research areas along functional lines, plans have been completed by Director **Ed Reedy**, restructuring the internal organization of RAIL. The Experimental and Analysis Branches are now given Division status.

Several organizational changes are made in the Technology Development Area. RAIL's computer-related research is now consolidated in the Computer Sciences and Technology Division under the direction of **E. W. Martin**. RAIL's ESM related research and development, including the EM surveillance, propagation and modeling, and major simulation research are now consolidated under **H. L. Bassett** in the ESM Division. Present and newly emerging efforts in the general area of operation's research are now consolidated under **R. A. Gagliano** in the Operations Research Group to more clearly identify this research area.

Two Researchers Receive NASA Awards

Joseph Walsh, of STL and **Robert G. Shakelford** of EML were presented with cash awards and certificates from NASA, Marshall Space Flight Center, Alabama, by Dr. D. J. Grace, at a staff meeting on December 5.

The awards were the result of a research project conducted between 1973 and 1975. The project report was abstracted and published in the quarterly, *NASA Technical Briefs, Spring 1977*. It was titled "Hybrid Optical/Digital Detector" — optical diffraction patterns of photographs sampled in real time, using an optical Fourier-transform detector.

This is the second award Mr. Walsh and Mr. Shakelford have received from NASA.

Reminder to New Employees

EES has a Flower Fund which serves as a means for employees to express sympathy and concern to fellow workers. Donations to support the fund are entirely voluntary, but it is hoped you will participate. Suggested contributions are as follows: PRS/E — \$6.00, SRS/E and RS/E — \$4.00, ARS/E & Support Staff — \$2.00. Send any contributions to the R&P Office.



Conference on Economic Development Strategies

Because the economic development process in Georgia is constantly changing in response to national and international trends, it is essential that companies, agencies and individuals be aware of these changing conditions. EES is conducting a conference and workshop on Feb. 28, on economic development strategies for cities, communities and economic areas:

Held in conjunction with the Institute of Community and Area Development of the University of Georgia, the activity is being offered under the auspices of the Economic Development Council of Georgia.

The economic development "78" approach has been created to inform economic development practitioners of current issues and approaches to economic development and to involve them further in the economic strategies used by local and state development organizations.

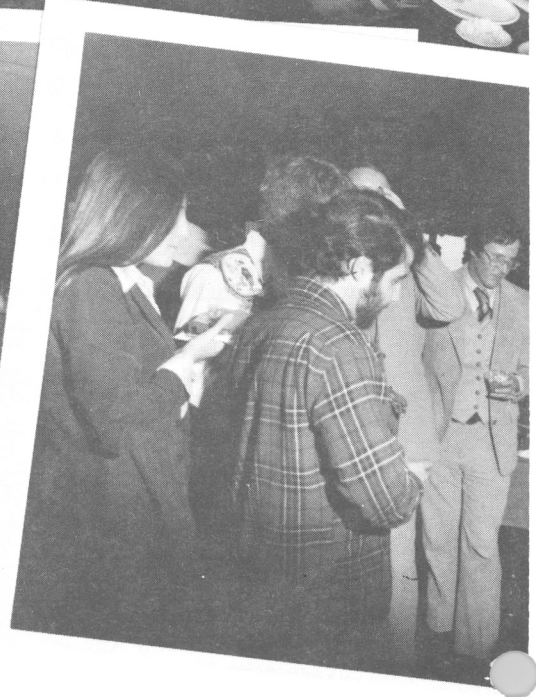
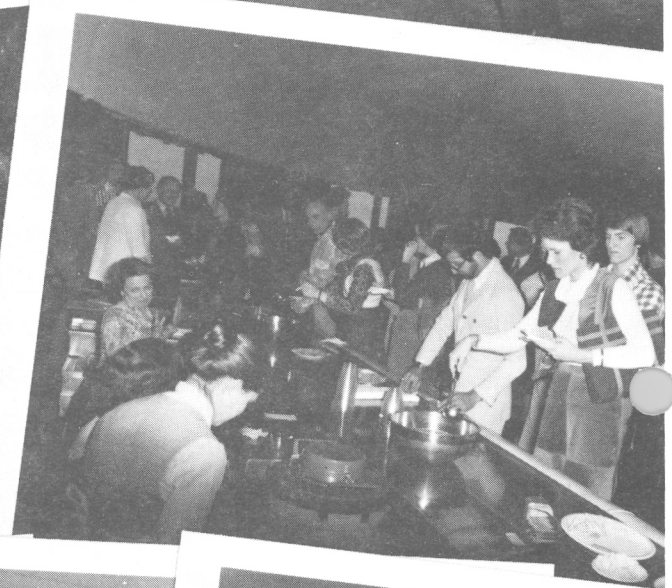
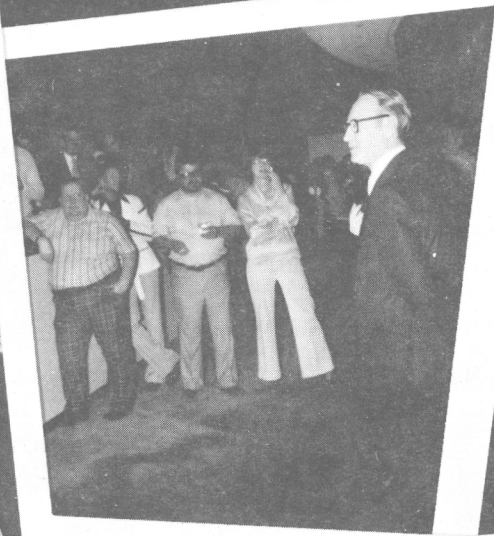
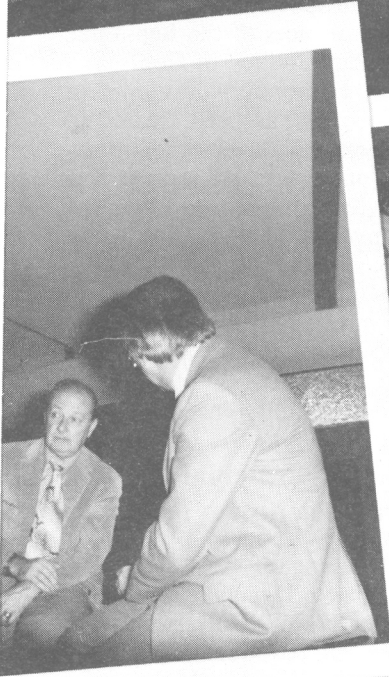
The meetings will be held in the Space Science and Technology Building. **Bob Collier** of TDL is organizing the conference.

T. P. Lang, Principal Research Scientist

T. P. Lang of ASL has been awarded the Ph.D. degree in Physics from Vanderbilt University. He completed all requirements in December and was awarded the degree at the graduation exercises. His dissertation requirement was fulfilled through an appropriately and especially prepared final report on the research that has been completed on his NSF neutrino research program.

Systems and Techniques Lab

Eugene Griffin, Budget Analyst for Systems Development Division and the Program Office of STL, was seriously injured on December 4. Gene was topping a tree 50 feet above the ground when a limb fell on him, pinning him to the tree. He is recuperating at West Paces Ferry Hospital. We are all looking forward to Gene's return to EES as soon as his health and mastery of a wheelchair will permit.



Candid shots of EES staff and guests during December Christmas Party at the C&S Building.