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University of Alabama in Huntsville

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Alumni Affairs Coordinator Appointed . . . Brett Beaird arrived at his job as coordinator of Alumni Affairs this summer to discover that he was three months behind in his work. He flew off immediately to a week-long CASE workshop in Ohio and flew out about ten minutes ahead of the air traffic controllers’ strike.

Caught on one of his bounces between his temporary quarters in the Continuing Education Building and his probably-going-to-be quarters on Madison Hall’s second floor, he confided “It isn’t that I don’t have any ideas about what I want to do, but so far I just haven’t had any time to do them.”

When Alumni Director Don Blaise and Girl Friday Judy Davis departed the Alumni Affairs and Job Placement Office for Wyle Laboratories, Job Placement was put under Dr. Jeanne Fisher’s control in Student Affairs, and Brett was brought in to oversee Alumni Affairs. Among his earliest priorities, was an updating of the alumni base for his first mailout September 15. Three weeks into the job (with one week out for a workshop) he had located more than 5000 recent grads. Then he turned his attention to his first major function with the Alumni Association, the annual picnic and its cast of thousands. No one has heard him complaining of boredom since he arrived in Huntsville.

Brett was a June graduate from the Bama campus, where his majors were public relations and history, and his minor was political science. The three years he worked in his father’s law office in Jasper summers and after school were good background for working with Florette Haisten, director of Governmental Affairs and Walter Thames, director of Annual Giving.

Brett’s immediate goal is to develop student and alumni relations by building on bases laid by Don Blaise, and make the Alumni Association a strong part of the university.

New Faculty Welcomed . . . New faculty members were welcomed to campus and introduced to their colleagues at a Faculty Convocation in the Recital Hall September 8. They will be welcomed again in the gracious surroundings of Echols Hill at a reception for all faculty given in their honor by Dr. and Mrs. Wright on Sunday, October 11 from 2-5 p.m.

The University Womens Club is also looking forward to extending a special welcome to new faculty wives and female faculty members at a pair of coffees on Thursday, September 17. These also will be held at Echols Hill, at 10 a.m. and 7:30 p.m.

Dr. Wright addressed the membership and newcomers to the Womens Club with a slide lecture on his recent China trip when this group was welcomed with a luncheon at the home of former university first lady, Mrs. Hazeline Graves, on September 10.
Names in the News

Drs. J.L. Horwitz, R.H. Comfort, and R.C. Olson, all of the UAH Physics Department are analyzing data on low-energy charged particles collected by an experiment on one of the NASA dual spacecraft called Dynamics Explorer, launched August 3 from Vandenburg Air Force Base in California. This spacecraft has an elliptical orbit whose apogee (greatest distance from earth's center) is 4.6 earth radii and its perigee (smallest distance) is 800 kilometers in altitude. Dr. Horwitz is primarily interested in how the earth's plasmosphere is filled by low-energy charged particles flowing up from the ionized portion of the earth's upper atmosphere, and also in how jets of charged particles are related to the polar auroras which will be observed on the same satellite.

Stephen B. Henderson, M.D., a third year resident in the UAH-Huntsville Hospital Family Practice Residency Program, was recently elected secretary-editor of the Resident Physicians Section of the Medical Association of the State of Alabama (MASA). Dr. Henderson is one of the organizers of the MASA Resident Physicians Section, which was formed this spring to encourage the active participation of physicians-in-training in their state medical association and to provide resident representation in organized medicine.

Two publications authored by Dr. R.J. Hung, professor of mechanical engineering, were included in a special document listing the most important contributions in the field of Radio Science from 1978 to 1980 published by International Union of Radio Science, Brussels, Belgium. The titles of Dr. Hung's works are: Coupling of Ionosphere and Troposphere during the Occurrence of Isolated Tornadoes on November 20, 1973: Journal of Geophysical Research, 84, 1261, 1979, and Observation of Gravity Waves During the Extreme Tornado Outbreak of April 3, 1974: Journal of Atmospheric and Terrestrial Physics, 40, 831, 1978. The special publication is entitled "Review of Radio Science 1978-1980."

Jim Hutchinson, assistant clinic administrator at SPMC's Ambulatory Care Center, was named WAAY Radio's first "Boss of the Day" on the Rick and Pete Show September 1. The Business Office staff, who nominated Hutchinson for the honor and the cake that went with it, clinched his election with the final item in their list of nominating statements: "Jim is the reason we're staying, 'cause it sure ain't for the money."

Dr. Robert Lawton has just returned from the Monteverde Cloud Forest Reserve in the mountains of Costa Rica. Assisted by UAH senior, Gregg Cauthen, Dr. Lawton spent the summer following up on his research into the ecology and population dynamics of cloud forest trees. In addition to his field studies, Dr. Lawton was invited by the Organization for Tropical Studies, an international consortium of universities, to participate as visiting faculty when their annual course in field ecology visited Monteverde.

Dr. John Wright, UAH president is serving as chairman of the Public Service Division of the Madison County United Way. Through this division, employees of all school systems, including public and private colleges and universities, will be solicited for contributions, as well as city, county, and state employees.

Von Braun Lecture Scheduled

Dr. Peter Meyer, director of the Enrico Fermi Institute at the University of Chicago, will open the new season for the Von Braun Lecture Series. The German-born physicist will lecture on "The Universe as an Accelerator of High Energy Particles" on Tuesday, September 29, at 7 p.m. in room 100, Nursing Building.

After receiving his Ph.D. degree from the Berlin Institute of Technology in 1946, he spent a year as a visiting fellow at the University of Cambridge in Great Britain from 1946-1950, and two years at the Max Planck Institute in Goettingen prior to emigrating to the United States to join the faculty at the University of Chicago. He was appointed director of the Enrico Fermi Institute in 1978.

Throughout his career, Dr. Meyer has concentrated on cosmic ray research. His experimental projects include observations from the earth's surface, balloons, rockets, satellites, and space probes. He is credited with the discovery of extragalactic electrons among cosmic ray particles.

The Von Braun Lecture Series, now beginning its third season, is coordinated by Dr. Ernst Stuhlinger.

Chemical Engineering Approved

An undergraduate degree in chemical engineering has been approved for the fall term by the Alabama Commission on Higher Education. Dr. Gerald Karr, associate research professor in Mechanical Engineering, reports that 20 to 30 students have been enrolled in the new program. Teaching in the program is a new faculty member, Dr. Jim Curry, formerly associated with NASA/MSFC.

Chemical engineering will be administered through the Mechanical Engineering Department and will be headed, along with the recently initiated civil engineering courses, by Dr. T.J. Chung.
New Spragins Hall Policy Implemented... A new Spragins Hall Policy will be implemented this fall which will effect the faculty/staff usage of the facility. The guidelines for individuals who are eligible for recreational use of Spragins are as follows:

Faculty and staff with a valid I.D. will be allowed full use of all the facilities as well as other related athletic facilities except when otherwise noted.

Part-time faculty (including Continuing Education) and staff will be issued a recreation card upon request for the term they are working. In order to verify present employment, a letter from the department chair or supervisor will be required each term.

Adjunct faculty will be issued a recreation card upon request. In order to verify current appointments, a letter from the department chair will be required each term.

Persons not possessing a current I.D. card or recreation card will not be permitted to use the facilities within Spragins Hall or use related athletic facilities unless otherwise noted.

Guests of faculty/staff will be permitted to use the facility under the following guidelines:

1. If the guest is a dependent*, the faculty/staff member may obtain a recreation card for the dependent at no charge.
2. Other guests will be charged a $1 usage fee.
   a. Guests must be participating in the same activity as their host or sponsor.
   b. Guests must leave the facility with their host or sponsor.

Recreation cards may be obtained from the Department of Student Life, room 201, University Union Building between 8:15 a.m. and 5:00 p.m. No one will be admitted to the facility without proper identification.

*Dependents eligible to receive a recreation card are defined as:

1. Spouse.
2. Children between the ages of 12 and 20.

Dependents younger than 11 years of age are not eligible for recreation cards and must be accompanied by the student, faculty or staff member when using the facilities.
There's nothing like a philodendron to make a new student feel at home.

Welcome Week...

I think I can... I think I can... I think I can... I think I can... I think I can...

Barbeque chicken on the patio... that's style.

On a clear day you can see that line stretch forever.

Gee... I thought I could make it all in one trip.

Nan Hail holding up the wall. At the end of a registration like this one, even the buildings sag.
Dr. Wu, The Wu-nderful Wizard
A UAH Fable

Once upon a time, long, long ago, at the beginning of the Skylab Program back in ’71, the Mechanical Engineering Department’s Dr. S.T. Wu received a small NASA contract for A Study of Flare Triggering Mechanism and Data Analysis of Skylab Experiment 50-56.

Well, the account ran on and it ran on, peaking along with the Skylab mission between ’74 and ’79, bringing about 100,000 research dollars to UAH during those years. Dr. Wu, in his secret hideaway laboratory on the edge of campus, practiced magic formulas with the contract money, and handled it “like you would your passbook,” as he expressed it, speaking in code.

His stewardship of the contract so pleased NASA that in 1979 that august body awarded him a Data Analysis Achievement Award, and continued to extend the contract until the total was in excess of $609,000.

Until one day in August, 1981, the account had finally run its course, and Dr. Wu arrived in the Office of Contracts and Grants to stand before Director Virginia Tommee’s desk with his “passbook” in his hand and report ... a balance of $1.36. Now, Virginia has had a lot of years and experience in the Contracts and Grants business, and yet she was not prepared for this. Contract overruns she understands well, and knows what to do about them. But to use $609,000 down to the last $1.36? It costs more to send the pennies back to the federal government than the pennies being sent, but of course they had to go back. There wasn’t enough left for a party.

Now, gentle reader, don’t fret that Dr. Wu was left at the end of his Skylab contract with nothing but a frayed string and boredom. The truth is, he returned to the other ten or twelve accounts he was also running, and is to this very day working happily ever after in his secret hideaway laboratory on the edge of campus.

The End

EMT Program Alive and Well in New Location ... The UAH Emergency Medicine Program and EMT-Paramedic Program have moved from the Continuing Education Center to the Clinical Science Center (CSC) on Governor’s Drive. Cathy Copeland, who is in charge of the university’s Emergency Medical Technician/Paramedic Program, explains that since these courses are now offered through the School of Primary Medical Care (SPMC), it is more convenient to have the program housed in the medical district. All EMT and EMT-Paramedic classes will be held in classrooms 117 and 118 on the first floor of the CSC. Cathy may now be reached in CSC 208, 536-5511, extension 442.

Drink Up for Scholarship ... Members of the University Womens Club will be busy at the Noojin House from 8 a.m. until 9 p.m. for the week of September 21 - 26, working on the mailing list and sending out invitations to their second Phantom Tea. For the uninitiated, this delightful tea is enjoyed in the comfort and convenience of your own home, as you brew a cup of tea with the bag that is enclosed in your invitation. While you wait for the water to boil, write out a check to the Womens Club for the Scholarship Fund.

University Womens Club officers recently elected for the coming year are:

- President: Harriet Hays; wife of Dan Hays, Psychology Department
- First Vice President in Charge of Programs: Marcy Lawton; wife of Robert Lawton, Biology Department
- Second Vice President: Janis Moore; wife of Bobby G. Moore, SPMC
- Recording Secretary: Donna Goodall; wife of Buddy Goodall, Communications Department
- Corresponding Secretary: Barbara Clark, ACC; wife of Junius Clark, Biology Department
- Treasurer: Ola Doane; wife of George Doane, Electrical Engineering Department
- Parliamentarian: Jeanne Fisher, Student Affairs
- Past President: Joan Dowdie; wife of Joe Dowdie, Administration
- Benefit Chairman: Lynn Wallace; wife of Donald Wallace, ASEC
- Bridge Chairman: Jane Rand; wife of Myron Rand, JEEC
- Historian: Johanna Shields, History Department
- Newcomers Chairman: Charlotte Iseldyke; wife of Len Iseldyke, Continuing Education
- Newsletter: Bev Rosher; wife of Chips Rosher, Sociology Department
- Publicity: Ann Williams; wife of Tommy Williams, Political Science Department
- Telephone Chairman: Sue Baldwin, School of Nursing
- Yearbook: Elizabeth Leister; wife of Richard Leister, Modern Foreign Languages Department
- Scholarship Selection Committee: Harriet Hays, Marcy Lawton, Marian Bishop, Judy Wilson, and Gail Gibson

Book Nook Appreciates Faculty ... Faculty-Staff Appreciation Day will be observed by the Book Nook during the business hours, 9 a.m. until 5 p.m., on Friday, October 9. During that time, everything in the store — with the exception of textbooks — will carry a 20% discount. Karen McLeod, director of Auxiliary Services, said it is the Book Nook’s “Thank you” to the faculty and staff for their “exceptional support during the academic year just ended.”

Book Nook hours on Monday and Tuesday are being extended this fall to 6 p.m., while 9 a.m. - 5 p.m. will remain the closing time for Wednesday through Friday.
Contracts and Grants... UAH researchers have been notified of the following contracts awarded since December 10, 1980:

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Agency/Project</th>
<th>Title</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Dr. John C. Gregory</td>
<td>Chemistry Department</td>
<td>NASA</td>
<td>Diffractometer Design</td>
<td>n/a</td>
</tr>
<tr>
<td>Dr. James L. Horwitz</td>
<td>Physics Department</td>
<td>MSFC</td>
<td>Assessment of the Solar-Terrestrial Data Base Management System (DBMS)</td>
<td>$12,000</td>
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<td>Dr. James Johannes</td>
<td>Computer Science Department</td>
<td>BALLISTIC MISSILE DEFENSE SYSTEM</td>
<td>Approaches to Unconventional Computational Methods for Associative Parallel Array Machines</td>
<td>$47,472</td>
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<td>Dr. C.D. Johnson</td>
<td>Electrical Engineering Department</td>
<td>BALLISTIC MISSILE DEFENSE SYSTEM</td>
<td>Disturbance - Accommodating Controllers</td>
<td>$61,591</td>
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<td>Dr. Naim A. Kheir</td>
<td>Electrical Engineering Department</td>
<td>MICOM</td>
<td>Air Defense Engagement Simulation</td>
<td>$28,252.03</td>
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<td>Library</td>
<td>Redstone Arsenal, DRSMI-ICAG (BPA)</td>
<td>No title</td>
<td>Amount open</td>
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<tr>
<td>Dr. William McKnight</td>
<td>Physics Department</td>
<td>MICOM</td>
<td>Investigation of Laser Action in Molecules with Induced Dipole and Weak Dipole Moments</td>
<td>$61,534</td>
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<tr>
<td>Dr. Bernard Schroer</td>
<td>Johnson Environmental and Energy Center</td>
<td>DOE/Alabama Energy Department</td>
<td>A Demonstration of the Economics of a Packed Versus Plate Rectifying Column</td>
<td>$17,476</td>
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<td>Dr. Peter Wagner</td>
<td>Physics Department</td>
<td>NASA/MSFC</td>
<td>Behavior of Materials and Devices under Simulated Space Conditions</td>
<td>$19,998</td>
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<tr>
<td>Dr. Robert Wilson</td>
<td>Physics Department</td>
<td>NASA/MSFC</td>
<td></td>
<td>$27,990</td>
</tr>
</tbody>
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Highlights and Sun Spots from the Alabama Solar Energy Center
For the month of August

UAH's Dr. Don Wallace has joined the Alabama Solar Energy Center as director of the Solar Research Program. Dr. Wallace will continue his affiliation with the UAH Mechanical Engineering Department.

Dr. Gerald Guinn, ASEC director, has announced an agreement with TVA whereby UAH will administer a solar program for conservation and industrial applications. This program will be a long-term effort involving administering low-interest, long-term loans for solar installations. The signed agreement is now awaiting final approval of the TVA Board of Directors.

The Solar Center's Bruce Novell participated in the final design review of a solar project for the Solar Federal Buildings Program on August 26 in Rochester, New York.

Two new solar water heating demonstration/performance tests are now underway at the ASEC's test facility behind the Research Institute. The test facility's director, Leigh Hummer, says the systems include a TVA solar water heating "sun-box" and a commercial system from the Sealed Air Corporation in Saddlebrook, N.J. Visitors are welcome, but should call 895-6361 first.

The ASEC has begun a "Solar Series for Brown-baggers," a slide lecture series for working people, held each Thursday at noon in the conference room of the Auto Check building on South Loop Road. For further information, phone John Allen at 895-6361.

The Solar Center conducted the first of a series of monthly Do-It-Yourself solar water heater workshops at the solar center at UAH. Interested persons should phone the Continuing Education Center at 895-6010 and ask for Bob Mead.
Thursday, October 1, 1981
1:00 p.m. Intramural Football—Football Field
3:00 p.m. Soccer-Sangamon—Home—Milton Frank Stadium

Friday, October 2, 1981
2:00 p.m. Business Club Meeting—NH
6:00 p.m. Business Club Meeting—NH

Saturday, October 3, 1981

Sunday, October 4, 1981
All Day University Women's Club Phantom Tea Benefit
1:00 p.m. Intramural Football—Football Field
3:00 p.m. Soccer-Sangamon—Home—Milton Frank Stadium

Monday, October 5, 1981
All Day University Women's Club Phantom Tea Benefit
12:15 p.m. Circle K Meeting—UUB 204

Tuesday, October 6, 1981
All Day University Women's Club Phantom Tea Benefit
2:00 p.m. to 5:00 p.m. Intramural Soccer—Intramural Field

Wednesday, October 7, 1981
All Day University Women's Club Phantom Tea Benefit
All Day Intramural Volleyball Entry Deadline—MBSH

Thursday, October 8, 1981
All Day University Women's Club Phantom Tea Benefit
6:00 p.m. Art Show Closing—Helen Vaughn, painter—UAG

Friday, October 9, 1981
All Day University Women's Club Phantom Tea Benefit

Saturday, October 10, 1981
All Day University Women's Club Phantom Tea Benefit
2:00 p.m. Soccer-Berry College—Away

Sunday, October 11, 1981
1:00 p.m. Intramural Soccer—Intramural Field
2:00 p.m. to 5:00 p.m. President's Reception for Faculty—Echols Hill

Monday, October 12, 1981
12:15 p.m. Circle K Meeting—UUB 204

Tuesday, October 13, 1981
2:00 p.m. to 5:00 p.m. Intramural Soccer—Intramural Field

Wednesday, October 14, 1981
7:00 p.m. Intramural Volleyball Team Captain Meeting—MBSH

Thursday, October 15, 1981
12:00 noon: Sociology's Alpha Kappa Delta Meeting—MH 343
8:00 p.m. Business Club Meeting—Workshop on Computers—Anderson Computers
8:15 p.m. Chambrel Music Guild-Blair String Quare—Recital Hall

Friday, October 16, 1981
4:00 p.m. Soccer-Berea—Away
8:15 p.m. James Good, organ recital—First Baptist Church

Saturday, October 17, 1981
2:00 p.m. Soccer-Asbury—Away

Sunday, October 18, 1981
1:00 p.m. Intramural Football—Football Field
4:00 p.m. Faculty Recital—Dr. Frank Contreras, piano, and Dr. Max Pales, violin—NC—Recital Hall

Monday, October 19, 1981
8:30 a.m. Art Gallery Opening—Southeastern Graphics Council Traveling Exhibition—UAG
12:15 p.m. Circle K Meeting—UUB 204

Tuesday, October 20, 1981
2:00 p.m. to 5:00 p.m. Intramural Soccer—Intramural Field
6:00 p.m. Intramural Volleyball—MBSH

Wednesday, October 21, 1981
10:00 a.m. Board of Trustees Meeting—Tuscaloosa

Thursday, October 22, 1981
4:00 p.m. Singing Circuits Workshop—Computer Music—Recital Hall
8:15 p.m. University Art Series—Singing Circuits Computer Music—NC—Recital Hall

Friday, October 23, 1981
7:00 p.m. to 9:00 p.m. Art Gallery Reception—Southeastern Graphics Council Traveling Exhibition—UAG

Saturday, October 24, 1981
8:15 p.m. Huntsville Community Chorus—"A Night of International Music"—VBCC—C

Sunday, October 25, 1981
1:00 p.m. Intramural Football—Football Field
2:00 p.m. Soccer-Alabama A&M—Milton Frank Stadium

Monday, October 26, 1981
12:15 p.m. Circle K Meeting—UUB 204

Tuesday, October 27, 1981
2:00 p.m. to 5:00 p.m. Intramural Soccer—Intramural Field
6:00 p.m. Intramural Volleyball—MBSH
8:15 p.m. Huntsville Community Concert—The Big Band Show—VBCC—C

Wednesday, October 28, 1981

Thursday, October 29, 1981

Friday, October 30, 1981

Saturday, October 31, 1981
7:30 a.m. to 5:00 p.m. Engineering-in-Training Exam—SB 141
1:00 p.m. Soccer-Birmingham Southern—Home
8:15 p.m. Huntsville Symphony-Aaron Rosand, violinist—VBCC—C

*Limited number of free tickets. Information Center—MH.