North Alabama’s economy rebounded

North Alabama’s economic activity rebounded during the second quarter of 1990, following two quarters of sluggish growth.

The University of Alabama in Huntsville's Quarterly Index of Economic Activity released today shows a growth of 2.2 percent, reflecting very strong retail sales, elevated electricity consumption of North Alabama’s industrial and commercial users, a substantial increase in single family building permits, and more airline passenger arrivals and departures. The manufacturing and services sectors were also strong, according to the index, which is compiled by the University of Alabama’s Huntsville and the Tennessee Valley Authority.

The rebound runs counter to the slow growth of the national economy and indicates that North Alabama is holding its own in the midst of a highly uncertain economic period,” said Dr. Niles Schoening, UAH economics professor.

Specifically, single family building permits saw the largest gains in the second quarter, jumping 63.9 percent in Huntsville, 57.6 percent in Decatur, and 41.6 percent in the GMA area. The 41.2 percent in the GMA area was the largest increase in the past three years.

Electric sales to commercial/industry customers, as measured in kilowattage, grew 5.8 percent.

Sales to commercial/industry customers, as measured in kilowattage, grew 5.8 percent.

“The results were mind-boggling,” said Dull. “Before people only judged on appearance. It is an outstanding device.”

Dull said the IRPS-1A can be adapted to scan up to six dates per second which will make it attractive to commercial users. Further development will allow the device to be taken directly to the field or orchard for use, he said.

“This device offers real-time testing at the site,” said Jaenisch.

The IRPS-1A could be adapted for use with vegetables, said Jaenisch. Instead of checking sugar, the device would scan for starch content. This could lead to a fresher and tastier french fry.

“Fast-food chains, which are large consumers of potatoes, could run their potatoes through the IRPS-1A and know they are getting the freshest potato they can get,” said Jaenisch.

“This technology could eventually end up in the local supermarket. Jaenisch said the IRPS-1A would be highly attractive to wholesalers and farmers, which make the weights and scale fruit and legumes.

“Consumers could select their fruit, check it for freshness and weight-in,” he said.

UAH develops prototype for testing fruit quality

Each year the City of Huntsville and the County of Madison host an International Students Reception to welcome the many students from other countries who study in our local universities and colleges. The reception will be held in the lobby of the Madison County Courthouse on Sunday, Oct. 21, from 3-5 p.m.

Leadership Workshop at UAH

If you could design a learning experience that would be as entertaining as it was educational— you would have a good idea of what Rick Miller of Designs for Development does with Applied Optics.

Miller will be presenting a Leadership Workshop sponsored by the University Center and the Huntsville-Madison County Council for International Visitors. The workshop is free to all UAH students, advisors and others interested in attending.

Betty Farquhar of Huntsville-Madison County Council for International Visitors coordinates the event. Miller will serve as Chairman for the event.

Approximately 1000 young people from 78 different countries enrolled here this year.

Submissions for 1990 Shadows

The editors and staff of the 1990 SHADOWS art and literary magazine are welcoming submissions for publication in the next issue. All members of the UAH community—students, faculty, and staff—are urged to participate.

CATEGORIES:

- Art
- Poetry
- Music
- Drama
- Dance
- Film
- Theatre
- Visual Arts—sculpture, painting, drawing, and graphics
- Photography

SUBMISSIONS: Submissions must be postmarked by December 31, 1990. The magazine is dedicated to publishing the best student work from all disciplines. Submit one entry to each of the categories. Entries may be submitted in any language. All entries become the property of the University of Alabama in Huntsville. Only one submission may be made per category per author. No scannings or excerpts are accepted. The magazine reserves the right to alter the design and format of the publication. No entries will be returned.

North Alabama’s economy rebounded

On the down side, the Farmers Price Index, a weighted average of the price farmers receive for the seven most important agricultural commodities produced in North Alabama, fell 2.5 percent during the second quarter.

The report also illustrated a discrepancy between the preliminary 1990 Census and 1988 Bureau of Economic Analysis (BEA) population figures for the 12 countries in North Alabama. In 10 of the 12 countries, the 1988 BEA estimates exceed the preliminary Census count, signifying either a BEA overestimate or a Census undercount. The report shows the largest discrepancy between the 1988 BEA population estimate of 2.3 percent for the 12 countries is compiled by the University of Alabama’s Huntsville and the Tennessee Valley Authority.
Submission for 1990 Shadows
continued from page 1

clearly numbered and stapled together.

PROSE—including articles (1000 word limit), essays (1500 word limit), and short stories (2000 word limit).

SUBMISSION REQUIREMENTS:

VISUAL ARTS—must be in slide or photograph form for consideration. Originals must be available for professional photography if included in the magazine.

POETRY AND PROSE—he should be typewritten. Near-letter quality submissions are acceptable. Two copies of each entry should be submitted. The author's name must not appear anywhere on the entry. Poetry should be limited to one poem per page, except poems longer than 32 lines. Prose should be double spaced. All entries should be on 8 1/2” x 11” paper, previously unpublished, and not under consideration for inclusion in any other publication.

GENERAL NOTES:

All entries must be accompanied by a cover letter containing the artist's or author's name, address, telephone number, and a list of his/her submissions.

Entries should be mailed to SHADOWS, C/O UAH, Box 1150, University Drive, Huntsville, AL 35816. Please mark entries Art, Poetry, or Prose on the envelope. Only entries accompanied by a SASE can be returned.

Deadline for entries is 13 November 1990.

Failure to follow submission guidelines will result in the entry not being considered for inclusion in the magazine.

***SORRY, THE SHADOWS STAFF CANNOT BE RESPONSIBLE FOR LOST, STOLEN, OR DAMAGED ENTRIES.***

Sale for Bryan Tatum Fund

Update on Bryan D. Tatum Cancer fund: in Huntsville a rummage sale is to be held at the Jaycee Building on October 5th and 6th with all proceeds going to the fund. Donation of sale items or help should be made to Martha Jones, at 881-4707.

This semester, take some electives in communications.

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Gabrielle Kressler • Skidmore College • Class of '91

If what happened on your inside happened on your outside, would you still smoke?

NOVEMBER 15.
THE GREAT AMERICAN SMOKEOUT.

AMERICAN CANCER SOCIETY
The deadline for applications for the Editor position at the Exponent has been extended to October 15. Applications are available at The Exponent, Room 104 in the University Center.

Send your letters to the editor to The Exponent, UC Room 104
Features

New exhibit by Donald Furst at UC Art Gallery

by Eric Schlegel
features reporter

A new exhibit is currently on display at the University Center Art Gallery. Donald Furst is featured in the exhibit “From Here To There.” The display is predominately made up of intaglio and lithograph prints. The show opened Sept. 13 and will run through Oct. 13. Monday through Friday the gallery is open from 9 am to 9 pm, and Saturday from 10 am to 10 pm. A common thread running through Furst’s work is the study of light and dark and his best pieces explore this to the fullest extent. The pieces progressively become very dark and subtle. The most extreme example of this is his work entitled, “Night Ways.” It must be examined carefully just to distinguish the image. Furst only experiments with color in a few pieces. His color work is most effective in “Ottobre.” The works are generally very geometric. Most of the pieces have hard, structured lines such as “Pentralia.” However, some of the pieces do have a softer tone; such as “Landscape V” and “Outside In.” A few works try to use human figures in them; this is a mistake on the artist’s part. The composition ideas for the pieces are actually very unique and fascinating. One print offers the viewer a reflected image of people in a mirror (“Confluence”). Another presents two lovers as seen through a key hole (“Night Vision”). Furst, however, hasn’t mastered the human form enough to show these subjects effectively. His people should reflect the same skill and style in execution as his objects. The artist is strongest when depicting a series of halls and doorways. Though these scenes can become almost unreal, Furst is a master at creating these in a detailed and realistic manner. Overall, I was very impressed with Furst’s work. Some of my favorite pieces are: “Chamber IV,” “Outside In,” Up!, “Pentralia” (my number one favorite), “Through and Through”, and “Chamber V”. Furst is a master of light and dark. His shadowy works create a strong mood, which can be either disturbing or comforting.

Hot and Cold Running Circus to appear at UAH

The fun and excitement of the circus and old time vaudeville comes to life when the New World Theater Company appears at University Center Exhibit Hall, on Oct. 11 at 7:00 p.m. New World will present The Hot and Cold Running Circus, an event for the entire family. It is filled with clowning, juggling, music and fire eating that will excite and entertain the young and old alike.

Magic and fun highlight this performance which is presented by University Center’s Family Night Out Program. This high energy company travels throughout the country bringing smiles and good times to anyone that will join them. This event is free to the UAH community.

The New World is a family that will make you laugh with delight, and gasp with excitement. Jill Klein and J.W. Rone, the founders of the company, are trained in traditional theater styles as well as the techniques of magic, music and comedy. They are joined by their 10 year old daughter, Happy.

In their thirteen years as a professional theater company, New World has performed throughout the United States, Canada and Europe, entertaining hundreds of thousands of people at fairs, festivals, schools, theaters, malls and almost every situation imaginable.

Originally from the West Coast, the Rones formed the Company in 1976 while living near Charleston, West Virginia and since that time they have received support from the West Virginia Arts and Humanities Commission, Tennessee Arts Commission and the Mid Atlantic States Arts Consortium. They are also charter members of Alternate ROOTS, a South Eastern U.S. arts networking organization.

New World is dedicated to the development of theater that is accessible to all people. They perform several exciting shows that appeal to everyone from preschoolers to senior citizens.

New World Theater Company are explorers into the realm of theater, adventurers in the uncharted reaches of imagination, the channels through which thoughts become reality. They are creators! For further information contact University Center 895-6445.

Asleep at the Wheel will be appearing on Oct. 11th

Asleep at the Wheel: America’s best known Western Swing band, will be appearing Thursday, October 11th in the University Center Exhibit Hall.

With the release of “Keepin’ Me Up Nights”, they have positioned themselves for a major breakthrough. The album’s title cut and first single is a sort of Western swing-reworked, synthesized and breathed fresh fire into swing, adding touches of boogie-woogie, rock, jazz and country, and presenting all of it with a freewheeling stage and recording style that has won it fanatic converts at every turn.

The performance will start at 8:00 p.m. and is free to UAH faculty, staff and students with a valid I.D. General admission tickets are $8.00 in advance and $10.00 at the door. Tickets are available at the University Center Information Desk and at the Fret Shop on Pratt Avenue. For further information, call 895-6445.

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**Notes**
- **ASB Hours:**
  - M-Th 8a-10p
  - F 8a-6p
  - S 10a-4p
  - Evening hours vary
  - Jean Ennis/Pam
  - Patrick 5-6512
  - Nursioh Students Onlv

- **CSB Hours:**
  - Contact CS Dept.
  - 5-6088

- **MDH Hours:**
  - M-Th 8a-6p
  - Fri 8a-6p

- **UBC Hours:**
  - M-Th 8a-6p
  - Fri 8a-6p

- **Rl Hours:**
  - 24 Hours - 7 Days
  - Comp Serv 5-647
  - Access to UAH
  - Access to Mainframe
  - Access to Aminframe

- **MH Hours:**
  - M-Th 8a-6p
  - Fri 8a-6p
  - Sat 10a-4p

- **UC Hours:**
  - M-Th 8a-6p
  - Fri 8a-6p
  - Sat 10a-4p

- **EB Hours:**
  - M-Th 8a-10:30p
  - Fri 8a-4p
  - Sat 10a-4p
  - Access Alabama
  - University Center
  - SuperComputer Network (ASN) and Mainframe via EB LAN
  - EB122, EB205, EB216, and EB 246 on EB LAN
  - Circ Desk 5-6330
  - Director: 5-6191
  - Valid UAH ID Req'd

- **NB Hours:**
  - M-F 8a-4p
  - Evening hours vary
  - Jean Ennis/Pam
  - Patrick 5-6512
  - Nursioh Students Onlv
  - 5-6088

- **MCN Hours:**
  - M-Th 8a-6p
  - Fri 8a-6p
  - Access to Mainframe

- **Advance $8.00 Door $10.00 UAH Faculty, Staff, Students FREE with VALID I.D.**
SWE

The Society of Women Engineers is pleased to announce their fall quarterly bake sale, today, Tuesday, Oct. 9 from 9:30 a.m. to 7:30 p.m. in the first floor lounge area of the engineering building. We had a great response to our summer bake sale, which included brownies, cookies, cat meeting the year. Our local SWE members and friends are urged to sign up for volunteer times and/or goodies they would like to bring. The sign up poster is at the SWE bulletin board on the first floor of the EB.

PRCA

JOB HUNTING?? These days finding a good job is difficult for students as well as for those with a degree. Education alone will not give you an edge over the competition. Join the PRCA to learn how to give yourself that edge. The Public Relations Council of Alabama can help you get valuable experience now as well as help you start to network with professionals. Education, experience and networking all go hand and hand. Join the club for people who are going places. For more information call Mary Bunn, PRCA president, at 880-8707 or Kelly Pennick, vice president of projects at 722-8432 or the Communication Arts Dept. at 895-6645.

How to get a job was the topic of the discussion by the PRCA relations professional from Wiley Laboratories. Dorian MacGillivray spoke at the meeting of the Public Relations Council of Alabama Student Chapter on Sept. 26.

"Diversity is the best thing in your school," said Ms. MacGillivray, who has worked with Wiley Laboratories for over four years. Ms. MacGillivray is Manager of Communications there and had a lot of straight talk for the UAH students. "Public relations is a job you have to be prepared for and you have to work hard at it," stated Ms. MacGillivray.

Come and join the PRCA student chapter. You might just learn something that could get you a job.

Environmental group

Concerned students of the University of Alabama in Huntsville are organizing an environmental group on campus. The first meeting will be held on Oct. 4 at 5 p.m. at the University Center, Room 127.

This meeting is open to all concerned about world issues. Would you like to know more about the Gulf Crisis? Do you want to be involved in the area of comprehensive community mental health? Are you interested in comprehensive mental health or are you interested in community mental health? Are you interested in any area related to the environment?

The American Society of Civil Engineers will hold officer elections for this year on Tuesday, Oct. 9 at 8 p.m. in Room 118 of the engineering building. Committee chairpersons will be elected at this meeting as well. The business portion of the meeting will be brief. Refreshments will be served. Membership in this organization is open to any interested person, not just civil engineers. Freshmen and sophomores, this is your opportunity to meet other engineering students and learn more about opportunities in the field.

The Baptist Student Center is sponsoring a dorm Bible study each Thursday, Oct. 4 at 12:15 in Morton Hall, Room 343. Bring your lunch and join us for conversation and peer support.

ATO

The brothers of the Alpha Tau Omega would like to say thanks to all who came out and parties with us at our last Rush Party. The ATO Cantina party was very successful, and we have obtained a number of great pledges so far.

We hope you attended the Society of State of Perez Hang's speech this past Wednesday that was sponsored by ATO. A special thanks to Perez Hang for speaking at UAH. The Taus are getting ready for all the intramural sports coming up, and we are looking forward to competing during all of the season.

PIKE

The brothers of Pi Kappa Alpha would like to thank everyone who attended Rajun Cajun. The great turnout made this one of our best Cajuns to date. We would especially like to thank other fraternity members who showed up, and we hope those who did will make a habit of attending our parties. We appreciate the solicitation at Fall rush. All of you did well and we hope the new pledges enjoy greek life. Fall rush ends soon and we look forward to seeing everyone at the next meeting. The other fraternities are doing well in rush. Good luck, guys!!!

Intramurals start this weekend. We have been practicing football for the past few weeks and hope to have an excellent team. Good luck to the rest of the fraternities in intramurals.

Delta Chi

The brothers of Delta Chi are pleased to announce that the Delta Blues party was a big success. We would like to thank everyone who helped to make it so successful, with special thanks to Microwave Dave and The Nukes. Our Smoker Saturday was also very successful.

We would also like to officially greet our associate members who were panned over summer quarter (congratulations: Jamie, Ted, and Arney), and welcome our new associate members for the fall term. We look forward to a time in the near future when we can initiate them into our fraternity.

Thanks again to everyone who made Delta Blues such a success. We really appreciate it.

BSC

The Baptist Student Center sponsors a dorm Bible study each Monday night at 8:10 p.m. in the dorm mail room.

Lunch is served at the Baptist Student Center every Wednesday at 12:15 p.m. Cost is $2.

Sigma Chi Gamma

We're back! In case you missed the news over the summer, we have a new Sigma Chi colony on campus. Sigma Chi Gamma is now the newest colony of Sigma Nu national fraternity. Last Thursday night our entire chapter was received by representatives from the Birmingham Southern chapter of Sigma Nu in a very meaningful pledging ceremony. Fall quarter is only three weeks old, and yet we've never been busier. We have been rushing intensively and successfully. We are trying to get in shape for football with constant practice. We have had two very successful parties and a free car wash. And upcoming on the calendar is a mixer with the Chi Omegas, and a Halloween bash. Keep an eye on us! Our Sigma Nu colony will be the place to be.

Circle K

Circle K International would like to invite everyone to our OPEN HOUSE Oct. 4th - Thursday 8:15 p.m. U.C. Exhibit A

We plan to have a great night. There will be door prizes and refreshments served, so make sure you attend. We look forward to meeting you. This weekend is packed with events for CKI. Some of our members will help sell golf balls at the Million Dollar Shoot Out at the Municipal Golf Course. All the $ will be given to the Arthritis Foundation, so everyone come out and support them. It promises to be a ball!!! To all perspective members and old members, we will be meeting the kids at Chi-Ho a picnic at the mountains Saturday afternoon from 11 am - 2 pm. Make sure you come and enjoy a great time with the kids. Free burgers!!! Also, the UAH Picnic is this weekend. CKI plans to have a fish tank booth and all the $ will be given to United Way. So come out and support U.A.H. and CKI. Hope to see you there. Any questions? Call me at 837-8431 and ask for Dai. Have an awesome weekend!!

EAT RIGHT IS HIGHLY LOGICAL.

EAT RIGHT IS HIGHLY LOGICAL.

EAT RIGHT IS HIGHLY LOGICAL.
Sports

Women's volleyball team has positive experience

by Anne McArthur
UAH Athletic Department

The volleyball team took its first defeat Tuesday, September 25 against the Jacksonville State University Gamecocks. The Chargers, intimidated by the Gamecocks, stepped on the court and lost the first game 4-15. UAH gave up five points before siding out the Gamecocks. The Chargers rallied for four points behind the serving of Tanya Wigley. However, momentum was broken on a tough net call by the referee. The Chargers regained momentum in the second game and pushed ahead for a 15-10 win. Tanya Wigley scored five of her eight total match aces in the second game. In the third game, the Chargers' eleven hitting errors gave the Gamecocks too many points and sideouts: UH lost the third game, 9-15. In the fourth game, the Chargers played tentatively, and Jacksonville State took advantage to roll to a 15-3 victory. Jacksonville State's A.J. Sanders was unstoppable in the fourth and final game. "We were very tentative against Jacksonville State," said Coach Connie Nicholson. "We didn't execute our offense or hit aggressively enough." The Gamecocks' season improved to 4-2 as the Chargers fell to 11-1. On Saturday, the Chargers split matches as UAH defeated Trevecca Nazarene and lost to Christian Brothers. The day was filled with adversity for the Chargers, as UAH had to play with 7 of its 8 member team due to the injury of starting setter LeAnn Hill. Hill pulled a hamstring muscle during practice on Tuesday and was unable to dress for the tri-match. The first match against Trevecca was an easy win as the Chargers' aggressive serving helped them roll to 15-4 and 15-13 victories. Tanya Wigley lead the serving column with five aces. The Chargers were lead offensively by senior middle hitter Jennifer Grace, who had seven kills. Freshman Rae Scott played well defensively, contributing many saves off the blocks. In the second match, UAH could not overcome adversity and the consistent play of Christian Brothers. Coach Nicholson had to change to a 5-1 offense and had strong attacks from Tanya Wigley, Billie Richards, and Tracey Medjrich. However, missed serves caused the Chargers to lose 15-11. "The experience was positive," commented coach Connie Nicholson. "The team benefitted from learning to adjust to the 5-1, I feel that the team took the adjustment on as a challenge. We just had too many coverage and serving mistakes to beat a team like Christian Brothers." Christian Brothers improved their record to 16-5 as the Lady Chargers fell to 12-2. UAH plays at home October 5-6 in the UAH/Mill Tournament. Participating teams include UAH, King, Trevecca Nazarene, and Lincoln Memorial. UAH will play 2 games in the tournament Friday night, at 6:00 pm and 8:00 pm.

UAH soccer team takes two losses on the road

by Jennifer Grace
sports editor

The UAH soccer team took a two game road trip to West Florida and the University of South Alabama last weekend. The Chargers were defeated by West Florida, 2-0. Soccer coach Garry Petersen commented that the team missed several scoring opportunities that should have enabled the team to win 2-0. The Chargers then traveled to the University of South Alabama (U.S.A.),

ALERT ALERT ALERT ALERT
IMPTNRTANT IMPTNRTANT

Fall Classes have begun.
Remember,
UAH is a community center.
To avoid having your books
and other personal property
stolen
never leave your belongings
unattended.
Even if you're going to be
"right back"
it only takes a second.

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Miriam Stoll
B.A. History, Dartmouth College
M.B.A. Stanford Graduate School of Business

"I became a Macintosh convert in business school. At our computer lab I'd always find lines of people waiting to use the Macintosh computers while other computers just sat there. So I had a choice: wait for a Macintosh, or come back at 6 a.m. to grab one before they'd all be taken. After business school, I took a job at a large bank and used my Macintosh for producing everything from spreadsheets to a company newsletter.

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10-3-90

- Alabama
- Auburn
- Georgia
- Mississippi
- LSU
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- Colorado
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- Michigan St
- Ohio St
- UCLA
- Purdue
- Memphis St
- Notre Dame
- Duke
- SW LA
- LA Tech
- Clemson
- Kentucky
- Florida
- Maryland
- Missouri
- Florida State
- Iowa
- Illinois
- Arizona
- Minnesota
- Tulane
- Stanford
- Army

TIE BREAKER

Predict the total points scored in the Miami—Florida St game:

NAME

ADDRESS

CITY/STATE/ZIP

PHONE

RULES

1) Select one winning team or a tie for each game listed. Two or no marks will result in a disqualification of the entry.
2) Estimate the combined points scored by both teams in the tiebreaker game.
3) Weekly winners will be determined by the most correct games selected. In case of a tie, the tie-breaker will be used to determine which contestant is closer to the combined scores of the two teams.
4) The decision of the judges is final.
5) Entries must be received at the UAH University Bookstore, ground floor of the University Center, by 5 p.m. Friday preceding the game day.
6) Only three (3) entries per contestant per week are permitted.
7) Employees of the University Bookstore and the University Center staff are ineligible.
8) Each weekly winner will be awarded a $10 gift certificate towards clothing and gifts from the University Bookstore, have their name announced as the weekly winner in The Exponent, and be eligible for the grand prize drawing.
9) Only weekly winners will be eligible for the Grand Prize drawing at the end of the season.
10) Only students, faculty and staff of UAH are eligible.

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