

Swindell Named Director of Calhoun's Technology Park



Calhoun Community College President Richard Carpenter has announced the selection of James E. Swindell of Decatur as the new Assistant Dean for Technology Education and Director of the College's new Aerospace and Advanced

Technology Park.

With over 27 years of technical management experience in the military and commercial utility fields, Swindell most recently served as Manager of Business Development for the Synterprise Group of the Tennessee Valley Authority (TVA).

Since 1977, Swindell has held various management and technical support positions with TVA, which included serving as Plant Manager at the Authority's Bellefonte Nuclear Plant and Plant Recovery Manager at the Browns Ferry Nuclear Plant. Prior to his work with the Authority, he served as a staff engineer with the Clinch River Breeder Reactor Project and worked for five years as Line Officer for the U.S. Navy Nuclear Power Program.

Swindell holds a bachelor's degree in Mechanical Engineering from Southern

Methodist University (Texas) and a master's degree in Mechanical Engineering from the California Institute of Technology. He also earned an MBA degree in 1996 from Samford University's Executive MBA program.

"Calhoun's new Advanced Technology Park is ideally situated to meet many of the industrial education needs in the north Alabama area," said Swindell. "I am very excited at the opportunity to be a part of this program at Calhoun as the college continues to meet industry training needs and to provide educational and career opportunities for its students."

In his new position at Calhoun, Swindell will oversee the construction and operation of the Aerospace and Advanced Technology Park; market the Park's capabilities on a nationwide basis to manufacturing firms; and develop, in conjunction with academic staff, curricula for the college's technology programs.

"Jim Swindell brings a highly successful and diverse background in technical management and supervision to this position," said Carpenter. "I am extremely pleased at his decision to join the Calhoun family and look forward to working with him as the College continues our efforts in meeting the educational and training demands of our community."

First Phase of Technology Park Well Underway

The first component of Calhoun's Aerospace and Advanced Technology Park (AATP) is progressing according to schedule, and the building's first phase should be open to students by February 2000. The 38,000 square foot, \$28 million Aerospace Training Center will be used to train Boeing's Decatur rocket plant employees. The high bay portion of the building will be in use after the first of the year, with completion of the building scheduled for July 2000.

Phase II of the AATP will be the Manufacturing Process Lab, a \$4.5 million facility which

will house electronics, semi-conductors, surface mount technology, hydraulics, robotics, and pneumatic systems. This center is a renovation project involving buildings currently housing the College's technology programs and will be funded by bond money, the National Science Foundation and others. Completion is expected by Fall 2001.

Construction of the third phase of the complex, the Advanced Manufacturing/Information Technology Center (AMITC), is set to begin early 2001 and should be completed in 14-16

What's Inside

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First Phase of Technology Park, continued

months. The Calhoun Community College Foundation and several community partners will build and equip the \$7.5 million AMITC through the *Partners in Progress* campaign. To date, approximately \$2 million has been contributed or pledged by Calhoun employees, Foundation Board of Directors, the Department of Housing and Urban Development, TVA, The Daniel Foundation, and other community supporters.



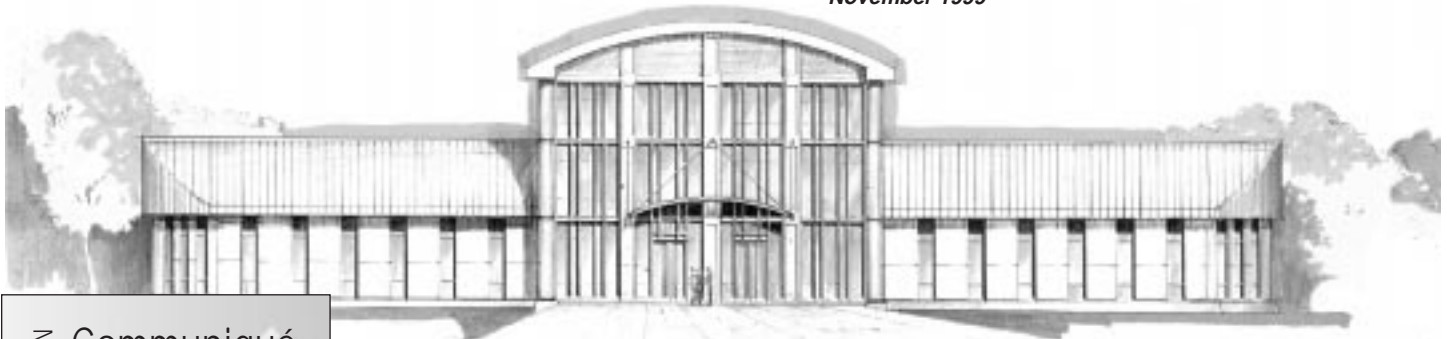
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AEROSPACE TRAINING CENTER

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FACULTY/STAFF NOTES

- ◆ Brenda Parris Sibley, Technical Services/Reference librarian at the College, recently had a paper included in ERIC (Educational Resources Information Center), a clearinghouse for teachers covering all subject areas. The ten-page paper entitled *Managing the Academic Library Cataloging Department in Changing Times: A State of the Art Bibliography*, presents an annotated bibliography of articles that provide information on managing the academic library cataloging department.
- ◆ Sandra O'Shields, cosmetology instructor, was one of several presenters during the First International Summit on Hair and Scalp Disorders, sponsored by the International Institute of Trichology. Ms. O'Shields presented a session on the topic, "The Art of Teaching" during the five-day event, held October 24-28.
- ◆ CIS Instructor, Dr. Sue Mitchell, recently presented a paper on the development of partnerships in a NSFATE (National Science Foundation Advanced Technical Education) effort during the American Association of Community Colleges' Advanced Technical Education Principal Investigator conference.
- ◆ Dr. Jerry Armor, Criminal Justice instructor, has been elected to the office of Executive Counselor, Region #2 Community College Section for The Academy of Criminal Justice Sciences. According to the Academy, Dr. Armor's areas of responsibility will include the 11 states comprising Region 2 as well as Puerto Rico and the Virgin Islands. His primary duties range from the establishment of a common body of knowledge in criminal justice to determining the extent of the population that the community college section serves.

Calhoun Awards Close to \$100,000 to Innovative Faculty to Promote Technology Use in the Classroom

In an effort to encourage more faculty to incorporate the use of technology into classroom teaching, Calhoun Community College has for the second year awarded close to \$100,000 to faculty through the college's Venture Capital Fund Grant Program.

The program kicked off last year as a way for the college to provide additional resources to those faculty members making use of instructional innovation in the classroom. According to Calhoun President Richard Carpenter, individual faculty members or teams of faculty submit proposals for grant awards. This academic year, 14 proposals were submitted, totaling almost \$220,000 in requests.

"We strongly encourage our faculty to make use of available technology in the classroom and to continue to find innovative methods of providing instruction to our students. It is important that the College supports the outstanding work of our faculty, which is why this Venture Capital program is so significant," said Carpenter.

The selection team, comprised of Dr. Gary Green, executive vice president at Calhoun; Rick Toliver, SRI (Stanford Research Institute); Sally Little, NASA; Dr. Theresa Hamilton, instructional dean at Calhoun; and Rene Lott from Alabama A&M University, granted a total of \$98,434 in awards. "The selection team was so impressed with the quality and strength of each proposal that we decided to fund each of the 14 proposals at some level," said Green.

"While our available funds did not allow the selection team to fund the proposals at 100%, it is our hope that the faculty members involved with each project have been allocated funding at a level sufficient to carry out the objectives identified within their respective grant proposal," added Green.

To be eligible to apply for the grant, faculty members must be full-time with at least one year of teaching experience at Calhoun or must be a part-time faculty member with at least three years of continuous teaching experience at the College. Faculty members in their first year of teaching at Calhoun are allowed to participate on a team which has a majority of members meeting the above criteria.

According to Green, funding priority was given to those projects which improve the quality of instruction at the College through the use of state-of-the-art technology or which expand the ability of Calhoun to deliver instruction through technology and telecommunications (distance learning).

Grants were awarded to the following projects:

Name	Proposal Objective	Amount Funded
Carmen Blalock/ John Colagross	Provide background and insight in the development of distance learning modalities at the college and recommend direction for innovation. This portion of the project will focus on the College-by-Cassette program.	\$ 5,000
Carmen Blalock/ John Colagross	Provide background and insight in the development of distance learning modalities at the college and recommend direction for innovation. This portion of the project will focus on web-based courses.	\$10,200
Bubba Godsey/ Bill Provin	Purchase a computerized lighting system for The Black Box Theatre.	\$11,195
Cynthia Snead	Update and redesign the current Instructional Technology Center (ITC); to obtain funds for supplies and funds for repair of existing equipment. This will reflect a state-of-the-art instructional training facility for faculty.	\$ 6,080
Jo O'Neal	Provide students at the Research Park campus with multimedia instruction and to meet the expanded demand for multimedia equipment for instruction at the Redstone site.	\$13,060
Cecilia Maxfield	Provide videotaped problem solving sessions as supplementary materials for students who enroll in the web-based course MTH 125, Calculus I.	\$ 3,370
George Williams/ John Russell/ Richard Hoover	Develop, implement, and evaluate instructional units on ecology, characteristics, imaging, identification and selected representatives of these life forms for biology courses.	\$13,250
Sharon Range/ Karen Ferguson	Ensure students within the Allied Health programs demonstrate computer literacy and technology skills necessary to function in today's health care environment.	\$ 8,850
Randy Cox	Improve presentation of classroom instruction. The acquisition of additional state-of-the-art technology will facilitate student learning of complex material.	\$ 8,850
Jimmy Duke	Develop a biology lab supplement pack aimed primarily at distance education students, but also useful for traditional students as well. The supplement pack will initially be offered in a CD-ROM format, but as web-based technologies improve the materials will be converted to a web site accessible to all Calhoun students.	\$ 5,846
Sandy Caudle	Provide on campus Internet access to students in the Rice Science Building by linking the Science Learning Center computers to the Internet. Also network the 18 computers in the Science Learning Center so multiple students can use one CD-ROM at the same time.	\$ 6,473
Shelia Byrd/ Rebecca Haines	Develop an interactive state-of-the-art web-based course for American Literature, English 251 & English 252.	\$ 1,590
Mike Haghighi	Develop an online format of CIS 251 to increase the CIS presence in the web-based program. CIS 251 (Internet) will be the first venture into online delivery of a programming course. This course may serve as a cornerstone for additional online courses and could lead to a complete online format of the A.A.S. Programming option of the CIS degree.	\$ 3,000
Lynn Hogan	Develop a course specifically focused on introducing older adults to the basic operation of computers and the Internet. The course could be offered in a traditional format, but the focus of this proposal is the taping of that course so that it is available by video for college credit.	\$ 1,670
TOTAL FUNDS AWARDED		\$98,434

Calhoun Now Offering Woodworking Classes Through Continuing Education

Calhoun Community College is now offering woodworking (formerly cabinetmaking) classes through its continuing education program for persons interested in learning to safely operate woodworking machinery to make their own cabinets, furniture, or other woodworking projects.

Last summer, Calhoun's credit cabinetmaking program was one of over 100 programs around the state closed by the State Department of Education due to low enrollments and/or to make room for more technology-oriented courses. Because of the high demand for woodworking classes by former students in the program as well as others in the community, Calhoun made the decision to continue to offer classes

through its continuing education program.

Cost for the course is \$100 per month, plus materials, and classes are held Monday through Thursday from 8:00 a.m. until noon. According to Instructor Ron Jewell, the course will be offered throughout the year and persons interested in taking the classes can register anytime.

"This is a great place to come and learn new things," said Jewell. "Those taking the classes can pick each others' heads for information if they're having trouble with a project."

For more information about the woodworking classes or to register, call Denny Smith at Calhoun at 256/306-2637.



Child Care Program Awarded National Accreditation

Calhoun Community College has announced that its Child Development Center was recently granted accreditation by the National Association for the Education of Young Children (NAEYC). According to the NAEYC, approximately 7% of early childhood programs nationwide and only 48 other centers in the state of Alabama have achieved this prestigious recognition.

The national accreditation will enhance Calhoun's current CDA credentialing and certificate programs as well as the new Associate Degree pro-

gram in Child Development by serving as the laboratory for these classes. "Calhoun Community College is extremely proud to provide a high quality child care program for its students, employees, and the community. We are the only two-year college in the State to have an NAEYC approved program," commented Dr. Theresa Hamilton, dean of instruction.

NAEYC accreditation is a rigorous, voluntary process by which early childhood programs demonstrate that they meet national standards of excellence. Programs seeking accreditation undergo an intensive self-study, collecting information from parents, teachers, administrators, and classroom observations. They receive an on-site visit, conducted by early childhood professionals especially trained by NAEYC, to validate the self-study results. A team of national experts who grant or defer accreditation independently reviews all of the information. When awarded, accreditation is valid for three years.



College to Host Computer Olympiad

Calhoun, in conjunction with the University of Alabama, will host the North Alabama Computing Olympiad on Saturday, February 5, 2000, at Calhoun's Decatur campus.

According to Elizabeth Cheatham, Calhoun CIS instructor and coordinator of the Olympiad, the activity's primary goal is to increase the awareness and participation of students in technology-related fields. "The Olympiad will provide each student a competitive learning environment and an opportunity to meet students from other high schools across North Alabama," said Mrs. Cheatham.

The Olympiad is open to high school students in the north Alabama area who have been pre-selected by their respective school. Students participating in the Olympiad have the opportunity to win scholarships to Calhoun, and prizes will be awarded to the top finalists. Winners also will compete in the state Computing Olympiad 2000 to be held February 26, 2000, at the University of Alabama in Tuscaloosa.

For more information, contact Elizabeth Cheatham at 256/306-2687 or by e-mail at emc@calhoun.cc.al.us.

BACCHUS Group Recognized Nationally for Outstanding Programs

Calhoun's BACCHUS club is consistently recognized nationally for its outstanding programs stressing the evils of alcohol abuse among young people.

During the recent National BACCHUS and GAMMA assembly held in October in Orlando, Florida, the Calhoun group was named *National Outstanding Community College chapter*

and was recognized in the *Non-alcoholic Drink "Mocktail" competition for its "Calhoun Typhoon"*.

In addition, former Calhoun student Tashia Wales, who is currently enrolled at the University of North Alabama, was elected to serve on the national level as Area 8 Student Advisory Committee representative.

Virtual Library Allows Access to Thousands of Resources for Students

Calhoun students and students in public schools in Alabama now have access to licensed, online databases through the Alabama Virtual Library (AVL). These databases offer thousands of full-text articles from popular business magazines, scholarly journals, and trade publications. Students can access them for up-to-date information on careers, company information, job skills, job shortages, high-tech industries, school-to-work programs, information technology, industry-specific information and more.

Instructors at Calhoun and high school teachers will find current information on cooperative education, work-

force planning, partnerships with schools and colleges, human resource management, and training for industry.

The AVL databases may be accessed from networked computers at the College through the AVL website (<http://www.avl.lib.al.us/databases.html>) or the Calhoun library page at <http://lib.calhoun.cc.al.us/lib/elecdata.html>. High school students should ask their school librarian for information about local access. In addition, all students have access to the AVL databases through public libraries across the state.

For more information, contact the Calhoun Library at 256/306-2777.

College's PR Office Wins State Award

Recently, Calhoun's Public Relations Office was recognized for its outstanding marketing efforts by the Public Relations Council of Alabama (PRCA).

The PR office received a second place "Award of Excellence" in PRCA's annual Medallion Awards competition in the category of **Special Publications: Low Budget Print** for its *"Did You Know...?"* brochure.

The Medallion Awards competition is conducted each year as part of PRCA's annual conference, held this year in Huntsville. Calhoun's Public Relations Director, Janet Kincherlow-Martin, served on the conference steering committee as Facilities Chair. She also is a past president of PRCA's North

Alabama chapter, the largest chapter in the state.



Pictured left to right are Janet Kincherlow-Martin, Public Relations Director, and Beth Butler, Graphic Designer.

CAP

AmeriCorps Program has "Busy" Year

Throughout 1999, the Calhoun AmeriCorps Program (CAP) has been busy in the community "getting things done," says CAP Director Gina Battle. Listed below are some of the projects in which AmeriCorps members have participated during the year.

In May, the program conducted its First Annual Fun from Books carnival for 144 local elementary school students being mentored by CAP members. In June, program members attended the High and Low Ropes training course in Wetumpka, Alabama, which taught participants team building skills and provided the opportunity to interact with other AmeriCorps members.

During the months of June and July, CAP members assisted Decatur Youth Services with a day camp at the Carrie Matthews Center. CAP members tutored students at the camp in reading and science.

Since September, AmeriCorps members have provided assistance and many volunteer hours to a number of local schools, including Somerville Road Elementary, Eastwood Elementary, West Decatur Elementary, Woodmeade Elementary, Leon Sheffield Elementary, and Julian Harris Elementary schools.

According to Ms. Battle, "the Calhoun AmeriCorps Program has been well received by the communities that received assistance. All of the organizations we have supported want CAP to be an annual participant with their program events."

Scholarship Recipients Achieve Distinction

Calhoun Community College Foundation priorities include scholarships and student support, including support of 25 clubs and organizations and over 50 departmental programs at the College. The Foundation extends congratulations to these students for their outstanding achievements.

Several Foundation scholarship recipients have earned honors recently.

Patrisha Tidwell and Ben Wheeler were selected to serve as Warhawks, Calhoun's official hosts and hostesses who represent the College at a variety of functions. Patrisha was the 1999 recipient of the Clay Blizzard scholarship, and Ben was awarded the Decatur Kiwanis Club Foundation scholarship. Shannon Hardin, who was selected to receive the Betsy Cantrell Leadership Memorial scholarship this year, holds two leadership positions on the Calhoun campus. She is currently vice-president of BACCHUS and president of SGA.

At the Alabama Conference on Theatre and Speech held at Auburn University October 21-23, Calhoun theatre students James Ball and Matthew Nolan won scholarships for the 2000-2001 academic year. Out of nearly 100 students auditioning from around the state, only three scholarships were awarded and these Calhoun students received two of the three. In addition, two other Calhoun students were recognized at the conference. Jonida Beqo was third runner-up, and David Boyett was a winner last year. The \$1,000 scholarships are awarded to theatre majors and may be used at any college or university in Alabama. James Ball earned his award for set design and Matthew Nolan for acting. At Calhoun, Matthew and Jonida were also recipients of scholarships through the Foundation. Matthew received the Betsy Cantrell Leadership Memorial scholarship and Jonida received the Kurtis



BACCHUS representatives Charissa Carter (second from left) and Shannon Hardin present checks from sponsors to Dr. Cathy Hansberry and show awards to Dr. Richard Carpenter. BACCHUS sponsors include WZYP Radio, Domino's Pizza, Pepsi and Stan McCulloch Chrysler/ Plymouth.

Charleson Theatre Memorial scholarship.

Because of your support, the Calhoun Foundation is able to provide over 100 scholarships that enable students to take advantage of important learning opportunities. In addition to 81 Perpetual Scholarships funded by individuals and companies in the area, 30 other scholarships are funded annually in support of specific areas of the college. Your investments also make it possible for the Foundation to support student programs, professional development, curriculum improvement, and campus beautification.



Pictured left to right are James Ball, Jonida Beqo, Bill Provin, and Matthew Nolan.

Your generosity provides many opportunities for Calhoun students, making extraordinary achievements possible. Thank you for your friendship and support in 1999, and we urge you to continue your support this year. You can double or triple your gift if you work for a company with a matching gift program. If your company participates in such a program, please obtain a matching gift form from your personnel office and return it with your contribution.

Foundation Board Welcomes New Members

Virginia Pugh-Gilchrist, Stephen W. Raby, and Scott C. Strode have recently accepted positions on the Calhoun Community College Foundation Board of Directors. These three new members were welcomed in December by Calhoun President Dr. Richard Carpenter, Foundation Executive Director Dr. Cathy Hansberry, Foundation Board President Dan David, and current board members.

Virginia Pugh-Gilchrist is a native of Coffeetown, Alabama, and a 1973 *cum laude* graduate of Alabama A&M University with a Bachelor of Science degree in computer science. Following graduation, she was employed by Computer Sciences Corporation as a programmer analyst for the Marshall Information Retrieval and Display (MIRAD) System.

In 1978, she joined Computer Data Systems, Inc. as an analyst for the General Services Administration contract. Her technical career continued to advance as she became a member of the Teledyne Brown Engineering team in 1982. As an independent verification and validation analyst, she provided support for the Remotely Piloted Vehicle System, a U.S. Army Helicopter Display System, Army Tactical Missile System, Advanced Anti-Tank Weapon Systems and others. These positions ultimately prepared her to establish the Systems Development Corporation (SDC) in 1990. Since its inception, she has served as owner and president of SDC, a computer system engineering support firm.

Ms. Pugh-Gilchrist has been active in civic, community and church affairs. She currently serves on the Board of Directors for the North Alabama Center for Educational Excellence, the United Cerebral Palsy Association, and the North Alabama Sickle Cell Foundation. She was nominated for the 1996 Small Business Executive of the Year award, sponsored by the Huntsville-Madison County Chamber

of Commerce. Ms. Pugh-Gilchrist is an active member of First Missionary Baptist Church in Huntsville, Alabama, where she serves as chairperson of a Missionary Society Circle, a Sunday school teacher, and a member of the Jail Ministry Team.

Stephen Raby holds a Master of Science degree in economics and a Bachelor of Science degree in agricultural economics from Auburn University. As a graduate teaching assistant, he taught freshman economics and researched and co-authored publications relating to property ownership and taxation in Alabama. In 1981, he accepted a position as Regional Economic Analyst for the Federal Reserve Bank of Atlanta.

From 1984 until 1987, he served as legislative assistant to Senator Howell Heflin and advised and coordinated legislative activities relating to agriculture, rural development, public works, TVA, and child nutrition and food programs. In 1987, Raby was named Administrative Assistant/Chief of Staff for Senator Heflin's office. In this position he directed the Senator's personal and committee staff with critical input in drafting legislation, amendments, statements and speeches for committee and floor action. He also coordinated political, public relations and legislative initiatives, and managed fundraising for the Heflin Scholarship Foundation, Inc.

Currently, Raby is a principal of Direct Communications, a communications company specializing in public relations, issues management, and strategic counseling. He resides in Huntsville.

Scott Strode is the Boeing Company general manager for the new Delta IV Launch Vehicle plant in Decatur. He is responsible for all operations at the Decatur facility, including construction, production and testing of the Delta IV Expendable Launch Vehicle.

Prior to his appointment to this position in March 1998, Strode was general manager of the Boeing manufacturing and assembly facility in Pueblo, Colorado. Previously, he served as director of operations for the McDonnell Douglas component of the International Space Station. Other key assignments included leading new Delta vehicle product development projects and directing production engineering operations. Strode also held engineering positions with Wiggins Connectors and Rockwell International.



Virginia Pugh-Gilchrist



Stephen W. Raby



Scott C. Strode

Strode has a Master of Science degree in business administration from Claremont Graduate School in California and a Bachelor of Science degree in mechanical engineering from the University of Southern California. Strode's community involvement includes the Board of Directors for United Way of Morgan County, the Technology Park Advisory Board of Calhoun Community College, the University of Alabama-Huntsville Industry Outreach Alliance, the Air Force Association and Rotary International.



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CALENDAR OF UPCOMING EVENTS

December

- 23-29 College Closed for Christmas Holiday
- 31 College Closed for New Year's Holiday

January 2000

- 1 HAPPY NEW YEAR'S
- 3 College Re-opens from holiday break
- 5-6 Spring Semester 2000 Registration
- 10 First Day of Spring Semester Classes
- 12 Dr. Martin Luther King, Jr. Birthday Observance Program
Calhoun Fine Arts Auditorium - 11:00 a.m.
- 17 Martin Luther King, Jr. Holiday Observance - College Closed
- 25 SGA/Warhawk Blood Drive
Huntsville/Research Park Campus
3:00 - 8:30 p.m.
- 27 SGA/Warhawk Blood Drive
Decatur Campus - Chasteen Student Center
8:30 a.m. - 8:00 p.m.

February 2000

- 2 Black Arts Spectacular Reception
Fine Arts Gallery - Decatur Campus
10:00 a.m.
- Entertainment Gala
Fine Arts Auditorium - Decatur Campus
11:00 a.m.
- 7 African-American Read-In
Brewer Library - Green Room
(Decatur Campus) - 12:00 noon
(Informal setting; participants may bring a sack lunch; drinks will be provided)
- 23 Black History in Action - Procession of Live Exhibits/Events
Chasteen Student Center - 10:00 a.m.
- 24-26 Romeo & Juliet
Fine Arts Building - Decatur Campus
7:00 p.m.
- 27 11th Annual Gospel Fest
Huntsville/Research Park Campus Foyer
2:00 p.m.