

■ Inside

Charlie Jeffcoat, right, University architect, took a trip this summer to the Grand Canyon with his wife, Jane, publications. Other faculty and staff traveled across country and around the world. Page 8



Times



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A publication for faculty, staff, and friends of the University of South Carolina

August 25, 2005

Private giving reaches \$95.3 million; research funding tops \$166 million

The University has raised \$95.3 million in private gifts and pledges for 2004–05, exceeding last year's amount by \$30 million, or nearly 48 percent. The 2003–04 figure was \$64.7 million.

In addition, faculty garnered a record \$166.2 million in federal, state, and private funding for research, outreach, and training programs in 2004–05, an 11.3 percent increase from last year.

The private gifts and pledges will be used to create
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Scientists land \$1.8 million grant

NSF funding will support study on bacterial communication

The ability of bacterial cells to communicate with one another and thus spawn disease and develop resistance to antibiotics is the focus of a four-year research grant by USC scientists in public health and chemistry.

The \$1.8 million National Science Foundation–funded project will look specifically at signal molecules that initiate a bacterial chemical communication process called quorum sensing. The intricate chemistry of quorum sensing relates to

the spread of disease, the resistance of infections in medicine, and the recently discovered high diversity of bacteria within certain natural environments.

"Imagine a city with half a million people—if they don't communicate, chaos would result," said Alan Decho, a professor in the Department of Environmental Health Sciences in the Arnold School of Public Health and the principal investigator of the project. "In the same way, individual bacterium in a bacterial colony becomes much more resilient by working together."

Decho is collaborating with three scientists from the
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SAMUEL O. THIER ROBERT MAYER LECTURESHIP IN HEALTH POLICY

Medical expert to give inaugural lecture Sept. 13

Samuel O. Thier, an authority on internal medicine and kidney disease as well as national health policy, medical education, and biomedical research, will speak at USC Sept. 13 for the inaugural Samuel O. Thier–Robert Mayer Lectureship in Biomedical Research and Health Policy.



Thier

Thier's lecture will be held in the Lumpkin Auditorium in the Daniel Management Center on the eighth floor of the BA Building. The public is invited to attend. Thier, a former president of Massachusetts General Hospital

and of Brandeis University, is a professor of medicine and health care policy at Harvard Medical School.

President Sorensen and his wife, Donna, are endorsing the annual lectureship. The Sorensens' connection to Thier is both professional and personal; he is a friend and colleague of President Sorensen and introduced the Sorensens to Robert Mayer, director of the Center for Gastrointestinal Malignancies at Dana-Farber Cancer Institute in Boston. Since 2003, Mayer has overseen cancer treatments for Mrs. Sorensen's brother, Ronald Ingemie.

"Our hope is that this lectureship will bring in well-known figures in cancer research and health policy," Mrs. Sorensen said. "We're grateful for the help that Dr. Thier and Dr. Mayer have provided to us, and we want to share their expertise and that of others with the Columbia community."



Kim Truett

Spurrier era begins USC head football coach Steve Spurrier, right, will take the field for the first time Sept. 1 when the Gamecocks play Central Florida in Williams-Brice Stadium. ESPN will broadcast the game with coverage, including an on-site season preview of Division I-A and a music concert, beginning at 7 p.m.

■ Family Fund

Campaign begins after Labor Day

History professor Walter Edgar and English professor Janette Turner Hospital will co-chair the 2005–06 Family Fund campaign, which kicks off in early September.

"Imagine What You Can Do for Carolina" is the theme for this year's campaign. Last year, faculty, staff, and retirees from all eight campuses contributed \$2.3 million toward the Family Fund and designated their gifts for departments, academic programs, scholarships, and more.

More than 180 volunteers have been trained for this year's campaign, which has a goal of \$2.6 million.

Family Fund materials will be mailed to all faculty and staff immediately following Labor Day. Faculty and staff members who have completed gifts or pledges to the campaign will be invited to an Oct. 7 luncheon from 11:30 a.m. to 1:30 p.m. in the Russell House ballroom with door prizes and remarks by President Sorensen, Edgar, and Hospital.

Departments that reach 100 percent participation in the Family Fund campaign by Dec. 9 will be entered into a special drawing. President Sorensen and the Annual Giving staff will deliver breakfast to the winning office at 8:30 a.m. Dec. 16. This year, faculty and staff can purchase a Carolina T-shirt after making their Family Fund campaign gift. The T-shirt can only be received through the Office of Annual Giving Programs.

Family Fund gifts and T-shirt purchases can be made through payroll deduction, online giving, or by check. T-shirt orders must be received by Oct. 7. For more information and to see the T-shirt, visit www.sc.edu/annualgiving or www.sc.edu/familyfund.



Edgar



Hospital

USC moves up in U.S. News rankings; first-year program lauded

USC maintained its top ranking in undergraduate international business education and moved up in two other areas, according to *U.S. News & World Report's* latest edition of "American's Best Colleges Guide."

The publication ranked USC 52nd among the nation's best public national universities, up four positions from last year. And the Moore School of Business was ranked 40th among the best undergraduate business programs, up one from last year.

Also, for the fourth year in a row, the University was cited for its outstanding programs for first-year students. USC was among 42 other schools lauded in "Programs To Look For," a section that highlights first-

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Briefly

AIELLO JOINS UPSTATE'S TECHNOLOGY DIVISION: Jamie Aiello has been named director of client services for the Information Technology and Services division at USC Upstate. He comes from Skidmore College in upstate New York. Aiello holds a master's degree in computer information systems and has seven years professional experience in information technology training and support services. As director of client services, he will supervise desktop computing support, the help desk, user support services, and the open and academic computing labs.

ÁRPÁD DARÁZS SINGERS TO HOLD AUDITIONS: The Árpád Darázs Singers will accept new members through Sept. 24. The group rehearses at 7 p.m. each Thursday at Ashland Methodist Church, 2600 Ashland Road, Columbia. Prospective members can attend three rehearsals before being asked to audition. To audition, prospective singers will be asked to sing a brief selection of their choice and to perform a short sight-reading exercise for the director and the Music Committee. Formed in 1987 in memory of Árpád Darázs, choral conductor at USC, and directed by one of his former students, Robert Neese, the group sings both familiar and lesser-known choral selections, including sacred and secular pieces. Workshop rehearsals are held on selected Saturday mornings. Performances are scheduled beginning mid-December and in May for the spring semester. For more information, go to www.ADSingers.org or call 803-333-0918.

A MILLENNIAL SAMPLER FEATURES POETRY BY USC FACULTY, STAFF: Poems written by a number of USC professors and staff members are featured in *A Millennial Sampler of South Carolina Poetry*, a volume published in May by Ninety-Six Press at Furman University. *A Millennial Sampler* includes 145 poems by 46 South Carolina poets. To be eligible for inclusion in the book, poets must have lived and/or worked in the state since Jan. 1, 2000. The work of English faculty members Kwame Dawes and Ed Madden and Department of English staff member Ray McManus is featured. The poems of USC Beaufort's Sheila Tombe, an associate professor of English, and adjunct instructor Warren Slesinger also appear in the volume. For more information, including how to buy the book, call 864-294-3152 or go to alpha.furman.edu/~wrogers/96Press/home.htm.

TAIWAN CONFERENCE SET FOR SEPT. 9-11: The Center for Asian Studies at USC will sponsor the 2005 Taiwan Issues Conference at the Marriott Hotel in Columbia Sept. 9-11. The theme of the conference is "Re-Framing Taiwan: From Geopolitical to Everyday Frames of the Taiwan Issue." The conference, which is free and open to the public, will feature several scholars, including William Kirby, dean of the faculty of arts and sciences at Harvard; Tom Gold, professor of sociology at the University of California-Berkeley; Murray Rubenstein, professor of history at the City University of New York; and Hu Xiaobo, professor of political science at Clemson University. Panel sessions will consider whether the United States should alter its "One China" policy, various international perspectives on the Taiwan issue, the problem of competing Chinese/Taiwan identities, marriage and problems of cross-strait family relations, and the Taiwan issue in historical perspective. The conference is funded by a grant from the Taipei Economic and Cultural Office in Atlanta. A complete program is on the Web at www.cas.sc.edu/aisn/.

BOISE STATE PROFESSOR TO DISCUSS MILITARY NECESSITY AUG. 31: Greg Raymond, a professor of political science and director of the Boise State University Honors College who received his Ph.D. from USC in 1975, will present a colloquium titled "Military Necessity and Asymmetric War" at 3 p.m. Aug. 31 in Room 430 of Gambrell Hall. Raymond will analyze the concept of military necessity, trace the evolution of international norms relating to accepting or rejecting the appeal to military necessity as a justification for violating the rules of war, and examine how the Bush administration has used arguments of military necessity in justifying the "war" on global terrorism. Raymond is the author of 10 books and 50 refereed articles in major journals, has been a consultant to various government agencies, and has lectured on international issues at universities and research institutes in 19 countries.

DEADLINE FOR DIRECTOR FOR UNDERGRADUATE RESEARCH IS AUG. 31: The Office of Research and Health Sciences invites applications from USC faculty members for the position of faculty director of USC's Undergraduate Research Program. Applicants should have an interest in leadership and a dedication to undergraduate research, scholarship, and education. The faculty director will work closely with the undergraduate research coordinator to establish a nationally recognized undergraduate research and scholarship program. The faculty director will receive a one-year appointment, renewable; an administrative stipend; and possible course reduction. Applicants should send a letter of application, a complete curriculum vitae, and names of three references to Sonya Duhé, chair of the Undergraduate Research Faculty Director Search Committee, Office of the Vice President for Research and Health Sciences, 110 Osborne. For more information, call 7-3321, fax 7-5457, or e-mail sduhe@gwm.sc.edu. The deadline for applications is Aug. 31.

Why has USC gone from 'Two Strikes' to 'Four Strikes and You're Out' with drug testing?

Editor's note: The following appeared as an op-ed piece in *The State* and other newspapers.

By Eric Hyman, USC Athletics Director

There are many questions as to why the University of South Carolina has changed its drug policy for student-athletes.

Much debate has gone on as to the prudence of such a change, but many of the facts behind the change have not been properly addressed.

First and foremost, USC Athletics is not required by the school, the SEC, or the NCAA to administer drug testing. The NCAA randomly tests, and often in connection with championship games. USC voluntarily has had in place one of the strictest drug policies of any school in the nation, and the change from two strikes to four does not alter its status as one of the strictest policies in Division IA.

For several months prior to my arrival, the University studied the drug policy for the athletics department and its restrictive nature in comparison to other institutions with drug policies. I reviewed the research and, based on my experiences at other institutions, agreed the policy in place was too restrictive. A plan was devised to make our voluntary policy more effective in terms of actually helping the student-athlete quit using drugs, while at the same time providing punitive measures.

How is the USC policy different than other institutions that routinely do drug testing? First, we have chosen to test our student-athletes frequently. We randomly test 10-15 percent of student-athletes every seven to 10 school days. The volume of testing is one of the largest in the country, and our frequency of testing is very high. Secondly, we use the lowest tolerance level possible for determining drug use, one that is lower than the NCAA tolerance level and that of most universities. In addition, this year, to ensure the validity of the specimen, we have added mechanisms that no other school currently has in place.

Are we just looking for a way to let good athletes play by changing the leniency of our drug policy? Everyone's gut reaction as to why we changed the policy was to extend a player's time on the team in spite of his or her drug use. In reality, by choosing to do drug testing and with the frequency of those

tests, we are actually dramatically increasing the chances that we will find drug use and have to enforce our policy. If we impose this system of frequent drug testing of large samples, then we have to have a realistic way to help the student-athletes who test positive to stop using drugs.

Substance abusers have difficulty changing their habits instantly, and there are often setbacks on the road to recovery, whether the abusers are physiologically addicted or recreational users.

How does this new policy actually work, and what help do we provide the student-athletes? Student-athletes who test positive the first time get a warning, which is identical to the previous policy. Their parents are notified, and the students must meet with the athletics director, coaches, and a consulting physician in private practice who sets up mandatory counseling sessions. If the student-athletes do not go to counseling, there are no more strikes—they are off the team permanently.

The student-athlete is now tested every seven to 10 days for a full year. Student-athletes who test positive a second time must lose 25 percent of their season, which carries over to the following season if necessary. The student-athletes must continue testing for the following 18 months. On a third positive test, the student-athletes will be suspended from athletic competition for 365 days. Mandatory counseling continues. The fourth positive test requires permanent removal from the team.

In reality, a student-athlete who tests positive the first time and is engaged in the counseling phase of the program could be off the team permanently in a matter of months if drug use is continued. In addition, a coach may decide to suspend the athlete from participation at any time if it is apparent that he or she is not making progress.

I am in college athletics for more than wins and losses. I mentor young people and try to help them become the best they can be on and off the field. In athletics, we become surrogate parents for someone's son or daughter and must treat him or her as we would our own. Our focus is not just on the four or five years the student-athletes are enrolled and competing at USC but on the next 40 or 50 years of their lives.

Drug testing modifies behavior, and it identifies problems. With a "two strikes and you're out" policy, we cannot effect change. Our new drug policy provides our student-athletes with a structured, punitive program designed to give them a reason to say NO to drugs.



Hyman



Class act Students in the 2005-06 freshman class met in the Coliseum during Welcome Week for the First-Year Reading Experience. The assembly was the first time the entire freshman class had met in one place since the 19th century. This year for the first time, too, every freshman was invited to participate in the First-Year Reading Experience. This year's book was the curious incident of the dog in the night-time.

Duhé named associate VP in research office

Sonya Forte Duhé has been named associate vice president in the Office of Research and Health Sciences. She will be responsible for fostering faculty research and creative and scholarly activity across all disciplines.

Duhé will maintain relations with faculty and be a visible link to the Office of the Vice President for Research; serve as a liaison to relevant academic institutes and centers working with USC's Sponsored Awards Management Team; facilitate enhancements to the Office of Undergraduate Research; and provide strategic direction for and coordination of media, marketing research, and economic development opportunities for both internal and external research-related communications with particular emphasis on USC's national image.

"Dr. Duhé's leadership abilities, faculty perspective, and expertise in communications make her appointment to my office a key step in the continued growth of the University's research program, research campus enterprise, and leading role in the development of South Carolina's economy," said Harris Pastides, vice president for research and health sciences. "I am

confident that her high energy level and collaborative approach will be valued by the University's internal and external constituents."

In the School of Journalism and Mass Communications, Duhé will continue to conduct research in applied broadcast and risk and crisis communications and continue to teach in "Senior Semester," a daily live television news program that she helped create. She also was instrumental in developing the minor for the School of the Environment (SOE) and was director of the minor program from 1996 to 2000. She serves on the SOE Dean's Advisory Board.

Duhé completed a yearlong American Council on Education (ACE) fellowship, working with the chancellor of Louisiana State University in Baton Rouge. After returning to USC, she served as special assistant to the provost for strategic directions and initiatives.



Duhé

Student speak



■ **Name:** Mary Martin

■ **Major:** Biology

■ **Year:** Junior

■ **Hometown:** Bothell, Washington

■ **What was it like to speak to the entire freshman class for the First-Year Reading Experience?** I've been in plays before, but never that size audience and never playing myself. Surprisingly, I felt comfortable, but in the middle of it there was some feedback from the microphone, and I had to stop for a few seconds and get my bearings.

■ **How did you prepare?** I took a lot of notes to the podium. I talked about the symptoms of autism and Asperger's Syndrome, which is what the main character in *the curious incident* has. My sister Kristen is autistic, and I have a cousin who has Asperger's Syndrome. I also talked about ways my family does things and how it compares to the book.

■ **What are some of the symptoms?** Tantrums, impaired social interaction, and in Autistic Disorder, delayed or impaired speech. My sister has other medical challenges, including a heart condition and scoliosis, and she is considered legally blind and deaf. But it is amazing what she's able to pick up on. She has learned to read lips, and she uses a combination of English and American Sign Language, and some signs we've made up as a family. She is a very alert person, and she goes to high school (she's 18) to attend a special program. She can do some things for herself, like go to the refrigerator to get a cheese stick for a snack.

■ **What is a day like for your family?** We are a family of shifts. My mother is a program manager with a computer corporation, and she works from home. She has the daily duties of getting my sister ready and off to school, and then she meets the bus in the afternoon. My dad works for the IT division of a pharmaceutical corporation, and he works at an office, so he helps with night activities. I take Kristen swimming, for example, or to the park or to doctor appointments. I also stay with her at night until she falls asleep. She has sleep apnea and often has trouble getting to sleep. When I'm at USC, I talk to her on the phone a lot.

■ **It must have been very hard for you to go so far away to college.** It didn't really hit me until the day I was leaving and Kristen brought some of my things out to the car. I just broke down and cried and wouldn't let her go. But I needed to learn to be on my own. Coming away was essential because otherwise I wouldn't be equipped to take care of her in the future when my parents are no longer able to care for her. I'm her next legal guardian and will take over her care if anything happens to them. That's also the reason I'm leaning toward being a medical school professor instead of a practicing physician. My schedule would be more flexible.

■ **But definitely a profession in medicine?** Oh, I knew from the time I was 3 that it would be medicine. While I was growing up, it became a hobby of mine to research my sister's conditions. When I was in high school, she had a severe infection in her spine following surgery. I wrote my senior paper on that illness. That's what got me interested in infectious diseases, which is what I'd like to specialize in.

■ **What classes have you taken?** Last semester, I took molecular biology, organic chemistry II, and religion. This semester, I'm taking bacteriology, physics, abnormal psych, biochemistry I, and EDLP, which is the peer leader class. I'm a peer leader this year. I also belong to a sorority—Delta Zeta. Their philanthropy is for the hard-of-hearing.

■ **Are you totally fearless?** No (laughing). But where would you be if you didn't face your fears? The best way to get to where I want to be is to tackle a lot of them.

Intellectual Property Office sees flurry of activity

By Chris Horn

USC's Intellectual Property Office is beginning to hit its stride, as measured by the number of invention disclosures received, patents filed, and licenses issued in the past year.

Fifty-nine patent applications were filed on behalf of USC faculty in fiscal year 2005, compared with 30 in 2004. Sixteen licenses were issued in '05; 10 were issued the year before. In addition, 64 invention disclosures were received in '05, nine more than the previous year.

Another sign of USC's success in transferring intellectual property to the real world is the number of new start-up companies initiated by faculty members. Four new companies launched in the past fiscal year, and at least half a dozen more are in the pipeline, said Lisa Rooney, director of the Intellectual Property Office.

"The word is getting out that the University has an apparatus in place to facilitate these things," Rooney said.

A recent presentation by InnoVenture, a nonprofit organization that highlights discoveries made at the state's three research universities, highlighted several USC research projects in various stages of commercialization. The presentations, held at the S.C. Department of Commerce, were made by USC faculty members, and the audience included venture capitalists and investors. The projects included:

■ **Michael Yost**, director of research in the Department of Surgery in the School of Medicine, has developed a technique that combines a patient's own tissue with novel collagen scaffolds infused with growth factors to yield a superior tissue repair compared to current technologies. The specific application discussed dealt with abdominal hernia repairs. Every year, some two million hernia repair surgeries are performed in the United States. However, failures develop in 11 to 20 percent of those repairs, and most patients require subsequent surgeries to replace the aging mesh materials used in those repairs. This technology provides a permanent tissue repair that leaves the patient with muscle tissue in the place of the hernia instead of a mesh patch. Yost's method has been tested in small animal studies and will progress to larger studies before beginning the FDA approval process.

■ **Lew Johnson**, a retired School of Medicine faculty member, and USC cancer researcher **Phil Buckhaults** are developing a noninvasive screening technique for colorectal cancer, a disease that kills 150,000 Americans every year. Patents already have been issued for the procedure, which requires very few cells and has a projected cost of \$50 to \$75.

Colonoscopies cost up to \$1,000 to administer and require anesthesia. The screening technique has proven successful in early diagnostic trials, and further work is underway to identify its effectiveness in identifying colon cancer markers in large patient pools.

■ **Vicki Vance**, a biological sciences professor, wants to start a company that will focus on developing better ways to manipulate genetic engineering of plants and provide those techniques to agribusiness. Vance has a patent pending for techniques she has developed to turn off gene expression in commercially grown crop plants.

■ **Michael Stump**, a research professor in the Department of Pathology and Microbiology in the School of Medicine, is working with department colleague **Alvin Fox** to develop a human anthrax vaccine. Anthrax spores are widely considered to be a prime agent for bioterrorists because the deadly spores can be widely dispersed in aerosol form. The vaccine Stump and Fox are developing prevents the spores from converting to the vegetative state and releasing deadly toxins. Current vaccines provide only limited protection because they don't prevent the spores from converting to the vegetative state. The two scientists have a patent pending for the vaccine and have created a company, VaxTech. "Our vaccine is on track to get FDA approval," Stump said.

■ **Greg Grice** is CEO of Inhibitix Antiviral, which is testing a drug to treat influenza developed by USC pharmacy professor **Joseph Roberts** and a former pharmacy researcher. The antiviral agent is not a vaccine but would be used to treat people with an influenza infection. The drug is being tested now against common flu strains; it might also be tested for effectiveness against avian flu.



Rooney



Michael Brown

A moving experience Faculty and staff members helped freshmen find their new homes during Moving In Day Aug. 13. The new class is estimated to number 3,726, including 500 new Capstone Scholars, a program that targets bright students and augments the Honors College.

Evening in Sienna Dinner to benefit art history scholarship

Fans of fine food and the Italian renaissance will get a heaping helping of both Oct. 1 at a fundraising dinner sponsored by the Department of Art.

Proceeds from the Evening in Sienna renaissance dinner will help establish the Charles R. Mack Scholarship in Art History, honoring Mack's 35-year career at USC and his extensive scholarly publishing on the Italian renaissance. Mack will retire from University service in December.

Tickets to the dinner are \$75 per person and include a gourmet meal and a lecture by Tim Smith, a DePaul University art history professor and one of Mack's former students. The dinner will be held at the Columbia Museum of Art, which is donating its meeting space for the event. Mack has curated several exhibits at the museum, served on its collections committee, and edited the catalog for an upcoming renaissance exhibit. "We want to give the community opportunities to provide for scholarships in art, and this dinner will be a great way to do that," said Phil Dunn, art department chair.

Once fully funded, the Mack Scholarship will be awarded during an undergraduate's junior year to help defray senior year expenses.

The dinner will include a menu of items that would have been served in Italy during the 15th century, including beef tenderloin with mushroom sauce, grilled vegetables, polenta, almond torte, rosemary bread, dessert wine, and salad.

A string quartet from the School of Music will provide renaissance music for the evening. Art students will design the invitations and mementos for the dinner.

To reserve a space at the Evening in Sienna, call the Department of Art at 7-4236.



Mack

August & September Calendar

■ Exhibits

Aug. 30–Oct. 15 Thomas Cooper Library: "Leaves of Grass at 150: an Exhibition from the Joel Myerson Collection of 19th-Century American Literature," Mezzanine Exhibit Gallery.

Through Sept. 3 McKissick Museum: "Reviving Nature: Healing in the Lowcountry," an exhibit featuring the many cultures that practice healing with traditional herbal remedies, including remedies found within the S.C. Lowcountry, such as Native Americans and the Gullah. Exhibit is curated by three graduate students receiving their certificate degree in museum studies. The museum, which is free and open to the public, is open 8:30 a.m.–5 p.m. Monday–Friday and 11 a.m.–3 p.m. Saturday. The museum is closed Sunday and all holidays. For more information, call 7-7251 or go to the museum's Web site at www.cla.sc.edu/MCKS/index.html.

Through Sept. 17 McKissick Museum: "An Intimate Look: Works by Sigmund Abeles," prints, drawings, and paintings by Abeles, a USC graduate.

Through Sept. 30 Thomas Cooper Library: "Fine Bindings: Selected Examples of the Binder's Art from the 15th Century to the Present Day," Graniteville Room.

Through Oct. 2 Columbia Museum of Art: "A Body of Work: The Human Figure from Degas to Diebenkorn," 70 works that showcase figural art created primarily in the 20th century. Exhibit includes works by artists Marc Chagall, Helen Gilbert, and Sigmund Abeles, and a variety of media including oil on canvas, watercolor, lithograph, and etching on paper. Museum is located at the northwest corner of Main and Hampton streets. Museum hours are 10 a.m.–5 p.m. Wednesday, Thursday, and Saturday; 10 a.m.–9 p.m. Friday; 1–5 p.m. Sunday; closed Monday and Tuesday. Admission is \$5 adults, \$2 students, \$4 senior citizens, free for museum members and children under 6. Every Saturday is free. For more information, go to www.columbiamuseum.org or call 799-2810.

Through Oct. 15 McKissick Museum: "Mimicry and Magic: The Metaphors of David Voros," autobiographical artwork by Voros, a USC art professor.

■ Sports

Aug. 26 Women's Soccer: Mercer, 7 p.m., The Graveyard.

Aug. 27 Men's Soccer: Coastal Carolina, 7 p.m., The Graveyard.

Aug. 29 Women's Soccer: Furman, 7 p.m., The Graveyard.

Sept. 1 Football: University of Central Florida, 7:30 p.m., Williams-Brice Stadium.

Sept. 6 Women's Volleyball: Charlotte, 7 p.m., Volleyball Competition Facility, northwest corner of Park and Blossom streets.

Sept. 6 Men's Soccer: College of Charleston, 7 p.m., The Graveyard.

■ List your events

The *Times* calendar welcomes submissions of listings for campus events. Listings should include a name and phone number so we can follow up if necessary. Items should be sent to *Times* calendar at University Publications, 920 Sumter St.; e-mailed to kdowell@gwm.sc.edu; or faxed to 7-8212. If you have questions, call Kathy Dowell at 7-3686. The deadline for receipt of information is 11 business days prior to the publication date of issue. The next publication date is Sept. 8.

If you require special accommodations, please contact the program sponsor.

■ Online calendar

USC Calendar of Events is at <http://events.sc.edu>.



Whitman

■ Miscellany

Aug. 30 Workshop: Gilman Scholarship and Freeman-Asia Program, 4 p.m., Gressette Room, Harper College, free. The Gilman program offers awards up to \$5,000 for study abroad to students who receive federal Pell Grant funding. Freeman-Asia is for study abroad to encourage undergraduates to study in East and Southeast Asia. Both scholarships give priority to students who have not previously studied in the country they are applying to. Sponsored by the Office of Fellowships and Scholar Programs. For more information, call 7-0958.

Sept. 1 Workshop: Truman Scholarship, 4 p.m., Gressette Room, Harper College, free. Truman Scholarships offer up to \$26,000 for graduate school to juniors in any major preparing for a career in public service. Award criteria include leadership abilities, academic performance and potential, community service records, and commitments to public service. Sponsored by the Office of Fellowships and Scholar Programs. For more information, call 7-0958.

Sept. 7 Workshop: Javits Fellowship, 4 p.m., Gressette Room, Harper College, free. This fellowship provides financial assistance to students of superior ability, as demonstrated by their achievements and exceptional promise, to undertake study at the doctoral and master of fine arts (MFA) level in selected fields of the arts, humanities, and social sciences. Sponsored by the Office of Fellowships and Scholar Programs. For more information, call 7-0958.



Collins

Sept. 9 and 23 Columbia Museum of Art: "The Figure in the 20th Century," two-part lecture series with Brad Collins, art. 6:30 p.m., free with museum admission or membership. The museum is located at the northwest corner of Main and Hampton streets. Museum hours are 10 a.m.–5 p.m. Wednesday, Thursday, and Saturday; 10 a.m.–9 p.m. Friday; 1–5 p.m. Sunday; closed Monday and Tuesday. Admission is \$5 adults, \$2 students, \$4 senior citizens, free for museum members and children under 6. Every Saturday is free. For more information, go to www.columbiamuseum.org or call 799-2810.



Hughes

Sept. 11 and 25, Oct. 9 and 23, Nov. 6 and 20 Columbia Museum of Art: "Arts of Mystery and Devotion," six-part Renaissance lecture series with Carlton Hughes, assistant professor of art history at USC, 2 p.m. Free with museum admission or membership. For more information, go to www.columbiamuseum.org or call 799-2810.

Sept. 17 Columbia Museum of Art: "Demonstration with Deanna Leamon," USC art faculty member demonstrates her technique for understanding and interpreting human anatomy, 2 p.m., free with admission or membership. For more information, go to www.columbiamuseum.org or call 799-2810.

■ Lectures

Aug. 26 Chemistry and biochemistry, "Symbiotic Relationships Between Organofluorine and Organometal Chemistry," Manfred Schlosser, Ecole Polytechnique Federale de Lausanne, Switzerland, 4 p.m., Jones Physical Sciences Center, Room 006. Refreshments at 3:45 p.m.

Aug. 31 Walker Institute, "Military Necessity and Asymmetric War," Greg Raymond, professor of political science and dean of the Honors College, Boise State University, 3 p.m., Gambrell Hall, Room 430. Reception following the lecture.

Sept. 9–11 Walker Institute, Taiwan Issues Conference, "Re-Framing Taiwan: From Geopolitical to Everyday Frames of the Taiwan Issue, Columbia Marriott Hotel.

■ Concerts

Sept. 11 School of Music: Brio Early Music, directed by Steve Rosenberg, 8 p.m., School of Music Recital Hall, free.



"Mask," an iron sculpture by Mike Williams, is on view in the "USC Sumter Collects" exhibit.

■ Around the campuses

Sept. 5–23 USC Salkehatchie: "Joe Topper Photographs: A Memorial Tribute," a photography exhibit, LRB Conference Room, West Campus (Allendale). Exhibit hours are 8:30 a.m.–9 p.m. Monday–Thursday; 8:30 a.m.–4 p.m. Friday, and 3–5 p.m. Sunday. A reception will take place at 7 p.m. Sept. 8. Free.

Sept. 7 USC Aiken: Small Business Tax Workshop, for prospective and new small business owners. Presented by the USC Aiken Small Business Development Center, 9 a.m.–4 p.m., Ruth Patrick Science Education Center, Room 320, USC Aiken, free. Deadline to register is Sept. 1. For more information or to register, contact the center at sbdc@usca.edu or 56-3646.

Sept. 8 USC Lancaster: Movie night, 7 p.m., Stevens Auditorium, free.

Sept. 14 USC Salkehatchie: Senior scholar lecture, "The Salkehatchie Story," Arthur Mitchell, USC Salkehatchie history professor, 7 p.m., LRB Conference Room, West Campus (Allendale). Free.

Through Sept. 30 USC Sumter: "USC Sumter Collects," works in various media on loan from USC Sumter



"Seaside Plantation," acrylic, by Camille Fontaine.

faculty and staff, Umpteenth Gallery, Arts and Letters Building. Gallery hours are 8:30 a.m.–5 p.m. Monday–Friday, closed Saturday and Sunday. For more information, call Cara-lin Getty at 55-3727. Free.

Through Oct. 31 USC Sumter: Prints by artist Jonathan Green, on loan from the Columbia Museum of Art, Upstairs Gallery, Administration Building. Gallery hours are 8:30 a.m.–5 p.m. Monday–Friday, closed Saturday and Sunday. For more information, call Cara-lin Getty at 55-3727. Free.

Freeman concert series begins Sept. 4

The School of Music will present the first performance of its 2005 Cornelia Freeman University September Concert Series Sept. 4. One of the University's most popular musical offerings, the series has generated scholarship funds for USC music students for more than 20 years.

Each of the five concerts will feature a faculty member performing music of a different genre, including European, German, Slavic/Russian, Latin, and American. The concerts are at 3 p.m. on Sundays in the School of Music Recital Hall. Tickets are \$10 for adults; \$8 for USC faculty, staff, and senior citizens (age 55 and above); and \$5 for students. Series tickets for the public are available for \$40. For tickets and information, call Melanie Walters at 6-5763 or go to www.music.sc.edu.

■ **Sept. 4**—The first program will feature European music that ranges from 16th-century composer Louis Couperin to contemporary composer Kenneth Cook. Cook's piece for tuba features faculty members Ronald Davis, Justin Fulkerson, Cori Cooper, and Roger Keane. USC pianists Marina Lomazov and Joseph Rackers will perform "Jeux d'enfants," by French composer Georges Bizet.

■ **Sept. 11**—This all-German program will feature four early 19th-century works, including Robert Schumann's "Spanisches Liederspiel" and "Fantasie in C major, Op. 17." Frank Schubert's "The Trout" will be performed by William Terwilliger, violin; Gail Barnes, viola; Robert Jesselson, cello; Charles Fugo, piano; and Craig Butterfield, bass.

■ **Sept. 18**—A program of Slavic and Russian works is set for the third concert. Robert Pruzin, horn, and Fugo, piano, will perform an aria from *Prince Igor*; "Neither Sleep, nor Rest," by 19th-century composer Alexander Borodin. Neil Casey, viola, and Lynn Kompass, piano, will perform Antonin Dvorak's "Trio in f minor, Op. 65."

■ **Sept. 25**—The fourth concert, which will include six modern pieces, will feature music from Latin America. "Le Grand Tango," by composer Astor Piazzolla, will be performed by Jesselson, cello, and Fugo, piano. Christopher Berg, guitar, will perform "Julia Florida (Barcarola)," by composer Augustin Barrios.

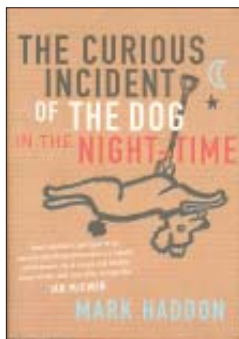
■ **Oct. 2**—The series will conclude with an evening of contemporary American music. Bert Ligon, piano, and Butterfield, bass, will perform George Gershwin's "Selections." Laury Christie, soprano, and Winifred Goodwin, piano, will perform "Songs of Stars and Fire," by Edward Hart.

Exhibit focuses on First-Year Reading Experience

Mark Haddon's 2003 novel *the curious incident of the dog in the night-time* is the subject of a new collaborative exhibition that Thomas Cooper Library created for USC's First-Year Reading Experience. The exhibit, in the library's lobby, will run through Sept. 30.

Using elements and themes found in the book, the exhibit introduces students to the wide variety of sources and formats of information that can be found in the USC library system. Some of the display items related to the novel are rare books and first editions, maps, book reviews, government documents, university dissertations, and scientific journals, all contributed by their respective departments within the libraries.

Each item represents one type of resource available for students to use and explore in their coursework. The exhibit will allow students to see a new perspective on the novel and highlight the ways in which it can be used as a case study for further research. Investigating *the curious incident* in this way can lead students to useful information within the library system from many varied sources and disciplinary perspectives.



Librarians Rebecca Gettys, Jeffrey Makala, and Patrick Scott organized the exhibit. For more information, contact Makala at 7-0296 or makalaj@gwm.sc.edu.

This year for the first time, all 3,700 incoming first-year students were given the opportunity to read the same book as part of their orientation. Once they arrived on campus, they participated in a series of events and discussions about Haddon's novel, which is the story of an autistic boy and his investigation of a neighbor's murdered dog.

Political Collections mounts Zeigler exhibit

S.C. Political Collections of the USC Libraries has created an exhibit about Florence native Eugene Noel "Nick" Zeigler Jr. at the Florence County Library. The exhibit, which will run through Sept. 30, is in the library's South Carolina History Room, which is named in honor of Zeigler.

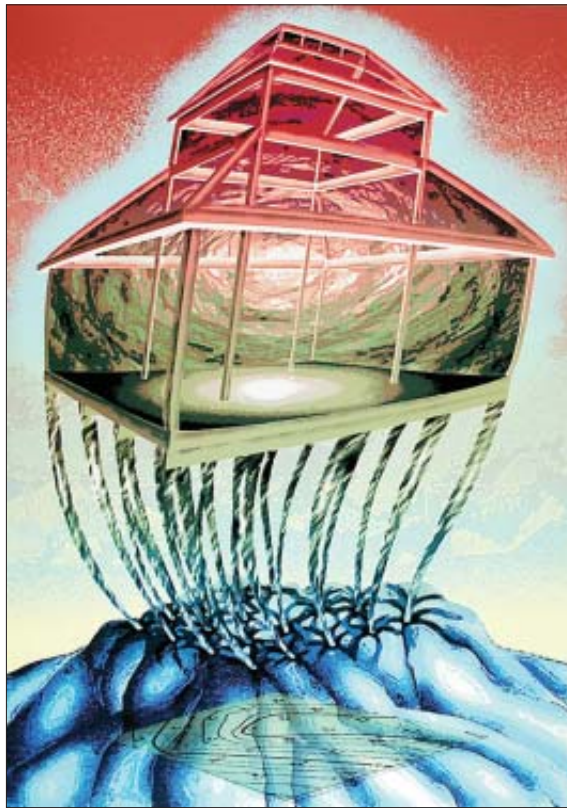
Zeigler personifies the concept of the Renaissance man. He has melded careers and interests as a lawyer, public servant, naval officer, educator, playwright, gardener, scholar, spouse, and parent, and achieved recognition and success in each area. His public service began with his election to the S.C. House in 1960 and, in 1966, was elected to the S.C. Senate, where he served until November 1972. That year, he ran unsuccessfully for the U.S. Senate, opposing incumbent Strom Thurmond.

He also sought the Democratic Party's nomination to run for governor in 1974. It proved to be one of South Carolina's most fascinating and hotly contested gubernatorial elections. While not successful, Zeigler helped shape the debate in a year that saw the election of the first Republican governor since Reconstruction.

More recently, Zeigler has shared his expertise regarding South Carolina history in three published books, *Florence: A Renaissance Spirit*, 1996; *Barnwell Blarney, or, Colonel Frank Remembered*, 1999; and *Refugees and Remnants: The Story of the Protestant Episcopal Church in the Pee Dee and Saint John's Episcopal Church, Florence*, 2002. He currently is writing his memoirs.

The Zeigler Papers, from which this exhibit has been drawn, document the Florence region as well as Zeigler's myriad accomplishments. More than 30 linear feet of material, 1921–2005, relate to all aspects of Zeigler's life, from his high-school days in Florence to the present. The collection documents his life and interests and is particularly valuable in providing insight into the development of Florence's cultural institutions.

The exhibit was prepared by Dorothy Hazelrigg, curator of S.C. Political Collections, and archivist Kate Moore.



"A Place for a House," by Bradlee Shanks.

McMaster Gallery features invitational prints

McMaster Gallery will feature the exhibit "impressions: an invitational exhibition of prints" Aug. 25–Sept. 30. An opening reception will be held from 5 to 7 p.m. Aug. 25 in the gallery.

The exhibit explores contemporary trends in printmaking. The artists selected are at all stages in their careers and illustrate a broad range of processes, concerns, and content.

The exhibit will feature works by Kabuya Bowens, Janice Hartwell, and Bradlee Shanks, from Florida; Carmon Colangelo, Melissa Harshman, Joe E. Sanders, and Art Werger, Georgia; Barbara Duval, South Carolina; Melissa Gill, Washington; Beth Grabowski, North Carolina; Dallas Henke and Bill Hosterman, Michigan; Karen Kunc, Nebraska; Rudy Pozzatti and Kathryn Reeves, Indiana; Paul Schumann, Minnesota; Sergio Soave, West Virginia; and Ruth Welsberg, California.

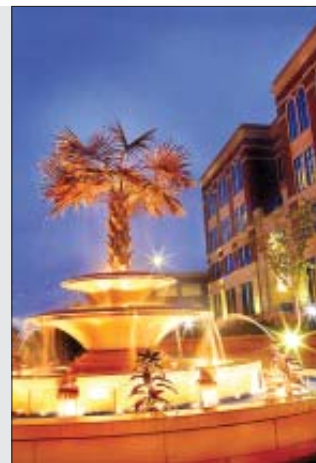
McMaster Gallery, in the Department of Art, is located at 1615 Senate St. Gallery hours are 9 a.m.–4:30 p.m. Monday–Friday and 1–4 p.m. Sunday. The gallery is closed Saturdays and all University holidays. For more information, contact Mana Hewitt, gallery director, at 7-7480 or mana@sc.edu.



Upstate Gallery exhibits 'Photojournalists at Work'

The USC Upstate Gallery will open its season with an exhibit titled "Photojournalists at Work: Spartanburg Herald Journal Photographers" beginning Aug. 26 and running until Sept. 30. Included in the show are works by Mike Bonner, above, and Tim Kinzey, right.

A panel discussion allowing the exhibiting photographers to discuss their experience, background, technical information, and other topics will be held from 5 to 6 p.m. Sept. 22 in the Humanities and Performing Arts Center, Room 101. The panel discussion will be followed by a reception in the lobby. The exhibit, panel discussion, and reception are all free and open to the public. For more information, call Jane Nodine, a professor of art and director of the USC Upstate Gallery, at 52-5838.



Staff spotlight

■ **Name:** Chad Hardaway

■ **Title:** Senior licensing associate in the Intellectual Property Office

■ **What are your main responsibilities?** My main responsibility is to obtain patent licenses for University technologies in medical, pharmacy, and other life science areas. This involves meeting with faculty to discuss their inventions, obtaining patents, and signing licenses with outside companies that wish to develop these technologies. My job also includes management of a major patent portfolio donated by DuPont to the University.

■ **How have your chemical engineering degree and MBA from USC prepared you for this job?**

The chemical engineering degree gives me the technical knowledge and background to comprehend the scientific nature of the inventions. It's also given me a problem-solving mentality to visualize each technology as having a unique set of obstacles that need scientific, business, and legal solutions to help them achieve their full commercial potential. The MBA training provides the foundation for understanding the business entities that are in place to support economic development and how I need to work with these groups so the University achieves its scientific and commercialization goals in a way that meshes with the business goals.

■ **What do you wish more faculty members understood about the Intellectual Property Office?** Our ability to help faculty protect and commercialize their inventions is directly related to their level of communication and cooperation with our office. If a faculty member gets the office involved early on in the research, even before an invention is conceived, we can offer the optimum strategy for protecting any intellectual property that arises out of their research. A big issue that has recently developed involves the CREATE Act that was passed Dec. 10, 2004. Under this act, any intellectual property coming out of collaborations with other faculty could be compromised if certain agreements are not made up front before the research even starts. This makes early communication with our office even more important. When faculty members come to the office after they have published and presented their inventions, most often they have already sacrificed foreign intellectual property rights and have limited the commercial value of their inventions. This loss of IP rights immediately decreases the value of the technology to any third party that might have an interest in investing in the technology. If there was an invention for a cure for cancer with no IP rights, very few companies—perhaps not any—would even touch it. Faculty need to realize the power they have to control the value of their inventions and how the proper management of that power can yield huge returns. For example, faculty members could have a grant for \$500,000 coming into their lab, and they could invent something really useful out of that research. They could compromise the IP rights to that invention such that no one would invest in it and their research and invention would basically end when the grant expires. On the other hand, they could come to us and get full IP protection that would protect the value of their invention. A company might want to invest another \$500,000 in the technology, and the professors have a living, breathing technology with a future. An entire world of opportunities opens up because of a simple act of protecting IP rights. As more money flows to the professors because of their inventions, they have more ability to produce new inventions, buy equipment, and fund students, which ultimately lets them continue doing what they love.

■ **In light of the kinds of research you've seen at USC, what do you think is the next big thing that will be patented or licensed?** On the short-term horizon, we have a very promising noninvasive colon cancer screening technology that is generating lots of local interest. This technology is in the early stages, but it is generating very positive results. The value of this technology comes from its ability to provide an inexpensive colon cancer test that will overcome a lot of the barriers associated with the current colonoscopy procedure. This will lead to more people being tested for colon cancer and should streamline the number of people who will receive a colonoscopy. The professors, Lew Johnson and Philip Buckhaults, are in constant communication with our office and have taken all of the necessary steps to protect their intellectual property. This means the invention will not be stifled by lack of commercial interest. This technology is especially gratifying to me because it has the ability to impact the health and well-being of many people and is really what the University is all about—developing scientific solutions that enhance the well-being of the citizens of South Carolina and the world.



Hardaway

McConnell named director of Upstate honors program

Thomas McConnell, an associate professor of English at USC Upstate, has been appointed director of the campus' Honors Program.

The Honors Program provides a learning environment that enriches and enhances students' academic careers by offering small, participatory classes, primary source material, group teaching, interdisciplinary themes, individualized instruction, and a challenging curriculum to deepen knowledge within a particular field of inquiry.

"To my mind, the key phrase for this program ought to be 'expanded opportunity,' and my intention is to broaden the possibilities for our students as widely and as quickly as I can. I hope that will mean a greater choice



McConnell

of activities—both on campus and off—than we're currently making provision for," McConnell said.

McConnell was recently selected as a Fulbright Scholar and will teach American literature and creative writing at the Masaryk University in Brno in the Czech Republic from September 2005 to June 2006. He will assume the position of director on a regular basis in June 2006.

Sharon Cherry, a professor of Spanish, will serve as interim director until McConnell returns.

For more information about the USC Upstate Honors Program, go to www.uscupstate.edu/academics/honors/honors.asp.

Guignard family land to be included as part of USC research campus

USC, Guignard Associates, LLC, and the city of Columbia have reached an agreement to include the Guignard family land along the east side of the Congaree River in the USC Research Campus Master Planning Process.

The Guignard property amounts to approximately 94 acres of undeveloped riverfront land stretching from Gervais Street to Blossom Street, complementing the westward development of the University's Research Campus initiative.

"The inclusion of this riverfront property as an integral component of our Innovation District will truly distinguish us from virtually all other university research initiatives," President Sorensen said. "It represents a singular opportunity for the citizens of this great city, our region, and our state.

"It is certainly fitting that, after being thoughtful stewards of this 94-acre jewel for over 100 years and after supplying the bricks, both figuratively and literally, for much of the growth that has occurred in Columbia and at the University, the Guignard family is once again a catalyst for significant progress in the Riverbanks Region."

Grant continued from page 1

Department of Chemistry and Biochemistry—John Ferry, Michael Angel, and Lee Ferguson—to examine how signal molecules are transformed under environmental conditions and how the molecules interact with protein receptors within cells. Their research on the chemistry of the signal molecules could help clinicians develop better ways to combat infections by confusing or blocking the signal process.

Bacteria don't always use quorum sensing for pathogenic purposes. Common bacteria living on the surface of the intestines likely communicate with intestinal tissue using quorum sensing and are thought to aid the intestines in protecting against pathogenic bacteria. This battle between "good" and "bad" bacteria is often fought by communication signals.

"If one group of bacteria can communicate and coordinate gene expression [using quorum sensing] successfully, they can act as a more efficient and resilient unit, rather than just a bunch of individuals," Decho said. "Conversely, if a bacterial group can produce molecules that interfere with the communication signals of another group, they render them useless and overtake them. So, understanding quorum sensing has implications for development of a new generation of antimicrobial agents and antibiotics."

The project idea arose from an ongoing NSF-funded study examining bacteria in the natural environment, from microbial mats in an isolated area of the Bahamas. Some microbial mats have the highest diversity of life on earth—more species in a thimble of sediment than a rainforest ecosystem. While much is known about the biology and molecular biology of quorum sensing, a real "black box" exists in understanding the chemistry of this process.

Several types of state-of-the-art instrumentation, such as a surface-plasmon resonance spectrometer and pulsing-Raman laser, will be purchased through the grant. New techniques, including high-throughput multivariate environmental transformation studies and new spectroscopic tools to detect low levels of autoinducer molecules in complex environmental samples will be developed.

The project also will provide opportunities for undergraduates and graduate students to acquire knowledge and skills in broad areas of environmental analytical chemistry, spectroscopy, and microbiology.

Rankings continued from page 1

year programs that lead to student success.

And, USC again solidified its reputation as the top school for international business education. *U.S. News* has ranked USC No. 1 in that specialty area every year since 1995.

The Moore School's undergraduate international business program leads New York University, the University of Michigan at Ann Arbor, the Wharton School at the University of Pennsylvania, and the University of California at Berkeley. Earlier this year, the Moore School's graduate international business program was ranked No. 2 in the magazine.

USC's successful University 101 program began in 1972 to introduce first-year students to life at the University and increase retention. This year's listing of top first-year programs places USC among successful programs at Duke University, Princeton University, Stanford University, and the University of Michigan.

Among the criteria in the ranking of universities are acceptance and graduation rates, retention, class size, faculty resources, SAT scores, and alumni giving.

Funding continued from page 1

scholarships, hire and support new faculty, enhance the libraries and academic programs, strengthen regional campuses, and improve campus facilities.

President Sorensen told the University's Board of Trustees Aug. 5 that he was buoyed by the significant jump in numbers because it indicates a broader, deeper base of support for the University.

"I am delighted by these numbers," Sorensen said. "They clearly show that we are expanding and deepening our support at a critical time in the University's history. As we increase the size of our faculty, build our research campus, and expand scholarships and programs to enhance the student experience here at Carolina, we find it gratifying to see that our efforts not only are being recognized but also are being supported by friends, alumni, foundations, and the corporate sector."

Addressing the increase in research funding, Harris Pastides, vice president for research and health sciences, called it "a product of USC researchers' persistent embrace of innovation and problem-solving across disciplines."

Year-end private giving figures through June 30 show a 10 percent increase in donors, for a total of 26,255; a 14 percent hike in alumni giving, to 15,241; and a 29 percent jump in gifts and pledges of \$1 million or more.

USC's internal giving campaign, the Family Fund, raised a record \$2,336,298, increasing its support by 500 donors and nearly \$50,000 over last year. Hudson Akin, vice president for university advancement, said the gifts represent a sizable investment and confidence in the University.

"Because we are the flagship university with students, research, and outreach programs that impact the entire state, a gift to the University of South Carolina is one of the best investments a South Carolinian can make," Akin said.

Support for academic program enhancements totaled \$33.8 million. Gifts for faculty development, including chairs and professorships, totaled \$3.2 million. Support for scholarships and fellowships was \$9.8 million. And contributions to the Gamecock Club were \$14.6 million. Corporate giving totaled \$16.5 million, and foundation support was \$8.2 million.



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Faculty/staff news

Faculty/staff items include presentations of papers and projects for national and international organizations, appointments to professional organizations and boards, special honors, and publication of papers, articles, and books. Submissions should be typed, contain full information (see listings for style), and be sent only once to Editor, Times, 920 Sumter St., Columbia campus. Send by e-mail to: chom@gwm.sc.edu.

BOOKS AND CHAPTERS

Terry A. Woller, social work, and T. Laine Scates (Baylor University), editors, *Decision cases for advanced social work practice: Thinking like a social worker*, Thomson Brooks/Cole, Belmont, Calif.

Leon Ginsberg and Julie Miller-Cribbs, social work, *Understanding Social Problems, Policies, and Programs*, fourth edition, USC Press, Columbia.

Joe Milutis, art, *Ether: The Nothing That Connects Everything*, University of Minnesota Press, St. Paul.

Thomas Lekan, history, and Thomas Zeller (University of Maryland), coeditors, *Germany's Nature: Cultural Landscapes and Environmental History*, Rutgers University Press, New Brunswick, N.J.

ARTICLES

Gail V. Barnes, music, and Robert McCaslin (James Madison University), "Practices and Procedures in State Adjudicated Orchestra Festivals," *UPDATE, Applications of Research in Music Education*.

Steven P. Hooker, prevention research center and exercise science, "The California active aging community grant program: translating science into practice to promote physical activity in older adults," *Annals of Behavioral Medicine*.

J. Larry Durstine, exercise science, **James R. Hebert**, epidemiology and biostatistics, S. Levin, G.J. Kirkner, K. Mayo, and C.E. Matthews, "Urban, Rural, and Regional Variations in Physical Activity," *The Journal of Rural Health*.

Nancy S. Thompson and Michael A. Matthews, chemical engineering, **Elisabeth M. Alford**, English, **Robert Johnson**, education, and **Changyong Liao** (USC linguistics graduate student), "Integrating Undergraduate Research into Engineering: A Communications Approach to Holistic Education," *Journal of Engineering Education*.

Gregory A. Hand and **James Carson**, exercise science, and **Wesley D. Dudgeon** (exercise science doctoral student), "Exercise Intervention in HIV Disease," *Medicine and Science in Sports and Exercise*, American College of Sports Medicine, Nashville, Tenn., and same conference, with **Kenneth D. Phillips** and **Stephanie Burgess**, nursing, and **J. Larry Durstine**, exercise science, "Lean tissue mass and fat mass changes in HIV-infected persons following moderate intensity exercise training."

Terry K. Peterson, education, "Leveraging the After-school Value Added," *The School Administrator*.

Russell R. Pate and **J. Larry Durstine**, exercise science, "Exercise physiology and its role in clinical sports medicine," *Southern Medicine Journal*.

Leon Ginsberg, social work, "Social Work in the United States," *Portularia, Revista de Trabajo Social*.

Lara Ducate and **Lara Lomicka**, languages, literatures, and cultures, Nike Arnold (University of Tennessee), and Gillian Lord (University of Florida), "Using computer-mediated communication to establish social and supportive environments in teacher education," *Computer Assisted Language Instruction Consortium (CALICO) Journal*.

Mark Smith, history, "Finding Deficiency: On Eugenics, Economics, and Certainty," *American Journal of Economics and Sociology*.

J. Mark Davis and **James A. Carson**, exercise science, **Franklin G. Berger** and **Maria Pena**, biological sciences, and **Kristen A. Mehl** and **Julie M. Clements** (USC graduate students), "Decreased intestinal polyp multiplicity with exercise is dependent on intensity, gender, and inflammatory state in *Apc^{MIN+}* mice," *Journal of Applied Physiology*.

PRESENTATIONS

Steven Yates, history, philosophy, political science, and American studies, Upstate, "The 'Real Matrix' and Sustainable Development," Freedom 21 Conference, Reno, Nev.

John Grady, sport and entertainment management, "Current issues in ADA compliance for sport and entertainment facility managers," International Association of Assembly Managers Annual Meeting, Washington, D.C.

Qian Wang, chemistry and biochemistry, Krishnamoorthy Sivakumar (USC postdoctoral fellow), and Fang Xie and Brandon Cash (USC graduate students), "Synthesis of Fluorescent Dyes with Click Chemistry," American Chemical Society, San Diego, Calif.

Tom Regan, sport and entertainment management, "Education and the Master's Degree in PAFM at USC in SPTE, Columbia, South Carolina," District V Mid-Managers Conference, Columbia.

Vitaly Rassolov and **Sophya Garashchuk**, chemistry and biochemistry, "Semiclassical nonadiabatic dynamics in mixed representation," Southwestern Theoretical Chemistry Conference, Knoxville, Tenn.

John Riley, physics, Upstate, and Elena Mendez (Converse College), "Astronomía de Culturas Ancestrales," Museo Nacional de Costa Rica, San Jose, Costa Rica.

Ran Wei, journalism and mass communications, and Ven-hwei Lo (Taiwan National Chengchi University), "Gender, Patronage of Adult Entertainment Clubs, and Support for Restrictions of the Sex Trade: A Third-Person Effect Study," International Association of Mass Communication and Research General Assembly, Taipei, Taiwan, also, with Pan Zhongdan and Ye Sun (University of Wisconsin), "Consumerist Values and Mass Media: A Cross-time and Cross-regional Analysis," Asian Media and Information Center Conference on Media and Society in Asia: Transformation and Transition, Beijing, China, and same conference, with Jing Jiang, "Gender Role Portrayals in Cell Phone Ads: A Cross Cultural Analysis."

Mark Smith, history, "Making Sense of Southern Slavery," St. George Tucker Society, Thomson, Ga.

Nancy S. Thompson, chemical engineering, and **Elisabeth M. Alford**, English, "The Research Communications Studio: An Innovative Model for Teaching Communications," European Association for the Teaching of Academic Writing, Hellenic American University/Union, Athens, Greece.

Erik Collins, journalism and mass communications, and Daniel Walsh (USC graduate student), "Closing the Deal: The Use of Snow and Benford's Core Framing Functions on Activist Websites," Association for Education in Journalism and Mass Communications, San Antonio, Texas.

Hanno zur Loye, chemistry and biochemistry, Chun-Long Chen (visiting research specialist), Andrea Goforth (USC graduate student), Mark Smith, and Leroy Peterson (Francis Marion University), "Synthesis and Characterization of the New Ligand 2-Carboxylate-4,4'-bipyridyl and its Complexes," S.C. Academy of Science, Winthrop University, Rock Hill, and, with Andrea Goforth and Rachael Hipp (USC graduate students), Mark Smith, and Meredith Terhansky (USC undergraduate student), "Solvent Synthesis, Structure Determination, and Physical Properties of Several Novel Mixed-Metal Halobismuthate Materials," Solid State Chemistry Gordon Research Conference, Il Ciocco, Italy.

David Scott, Dan Stout, and **Cecile Holmes**, journalism and mass communications, "Religion and Popular Culture: Analytical Approaches to Four Media Texts," Association for Education in Journalism and Mass Communications, San Antonio, Texas.

James Sodez, chemistry and biochemistry, and Brian Chiswell (USC graduate student), "Binding of the Lipocalin C8 to Complement Protein C8 is Mediated by Loops at the Opening of the C8 Callyx," Protein Society Symposium in Boston, Mass., and same conference, with Daniel Stade, (USC graduate student), "Interaction between Human Complement C8 and C9 Involves a Binding Site within the MACPF Domain of the C8a Subunit."

Tom Klipstine, journalism and mass communications, "The news release format for the 21st century: A receiver-based model for the electronic medium," Association for Education in Journalism and Mass Communications, San Antonio, Texas.

Andrea Tanner and **Sonya Duhé**, journalism and mass communications, and **Sandra Evans**, Arnold School of Public Health, "Using Student-produced Media to Promote Healthy Eating in the Home Environment: A Pilot Study on the Effects of a Media and Nutrition Intervention," Association for Education in Journalism and Mass Communications, San Antonio, Texas.

John Grady, sport and entertainment management, "What's 'comparable' Interpreting the ADA's line of sight requirement," Sport and Recreation Law Association, Virginia Beach, Va., and same meeting, "A new twist" in the evolving debate between the right of publicity and the first amendment" and "Title II of the ADA and Web Accessibility," American Alliance for Health, Physical Education, Recreation, and Dance National Conference, Chicago, Ill.

Trone S. Toland, informatics, Upstate, "The Inference Problem: Maintaining Maximal Availability in the Presence of Database Updates," Future Faculty and Professionals Symposium, National Consortium for Graduate Degrees for Minorities in Engineering and Science, Boston, Mass.

Charles Bierbauer, journalism and mass communications, "Tall Order: Neutralized By Barlett, Fleischer & Hughes: Can the White House Press Corps Rebound During W's 2nd Term?" Association for Education in Journalism and Mass Communications, San Antonio, Texas.

Solomon Tadesse, international business, "Banking Fragility and Disclosure: International Evidence," Capital Markets and Financial Integration in Europe, European Central Bank, Frankfurt, Germany.

Ran Wei, journalism and mass communications, "The Third-person Effects of political attack ads in the 2004 U.S. Presidential Election," Association for Education in Journalism and Mass Communications, San Antonio, Texas.

Glenda P. Sims, professor, nursing, Upstate, "Sisters Screening for a Cure," National Black Nurses Association, Chicago, Ill.

Donna A. Chen, chemistry and biochemistry, "Growth and Chemistry of Pt-Rh nanoparticles on TiO₂," Gordon Research Conference on Chemical Reactions at Surfaces, Ventura, Calif.

Dan Stout and **David Scott**, journalism and mass communications, "Religion on Time: Religion as Visual Construct in a Weekly News Magazine," Association for Education in Journalism and Mass Communications, San Antonio, Texas.

OTHER

Solomon Tadesse and **Chuck Kwok**, international business, were finalists for Best Paper Award at the 2004 Academy of International Business for their article "National Culture and Financial Systems."

Becky Lewis, academic credit programs, has been appointed a Fulbright senior lecturer at the University of Jordan in Amman, Jordan, where she will teach American Studies.

Jimmie Gahagan and **Gene Luna**, student affairs/University housing, "Student housing as a nexus for first-year student success and retention," Webcast for Academic Impressions-International.

Tona Crews, hospitality, retail, and sport management, was recently nominated for membership in the *Empire Who's Who*.

Lola Mauer, annual giving, "Successful strategies for Faculty and Staff Giving," Webcast for Academic Impressions.

John T. Addison, economics, appointed research fellow at the Institute for Labor Market Research of the Federal German Employment Service in Nuremberg, Germany. He also has been appointed Commerzbank Chaired Visiting Professor of Economics at the Technical University of Chemnitz (Chemnitz, Germany) for May 2006.

Job vacancies

For up-to-date information on USC Columbia vacancies and vacancies at other campuses, go to uscjobs.sc.edu. The employment office is located at 1600 Hampton St.

Buell named interim dean of Engineering and Information Technology

Duncan A. Buell has been named interim dean of the College of Engineering and Information Technology.

Buell, who has served as chair of the college's Department of Computer Science and Engineering, succeeds Ralph White, who is returning to teaching and research in the Department of Chemical Engineering.

"I am honored to have been selected as interim dean," Buell said. "I have the utmost confidence in our faculty, staff, and students, and I firmly believe that, working together, we not only can meet the challenges that we face in the upcoming year but also build on our strengths in research, teaching, and outreach to ensure a smooth transition for a new dean."

Buell, who joined USC in 2000 after conducting research at the Institute for Defense Analyses, is a nationally recognized authority on reconfigurable computing.

He has been on the faculty at Carleton University in Canada, Bowling Green State University, and Louisiana State University. He earned a bachelor's degree in math from the University of Arizona, a master's in math from the University of Michigan at Ann Arbor, and a doctorate in math from the University of Illinois-Chicago.

A national search for a successor to White is under way.



Buell

\$2.5 million NIH grant to help reduce cancer among minorities

A USC cancer research team has been awarded a \$2.5 million grant from the National Institutes of Health as part of a \$95 million national effort to reduce cancer among minorities and the poor, who have higher rates of the disease.



Hebert

James Hebert, a professor in the Arnold School of Public Health, will lead South Carolina's effort, which will take a faith-based approach to developing community-based education, research, and training programs to reduce cancer disparities among African Americans in South Carolina. Researchers from throughout South Carolina, including USC, Clemson University, and the Medical University of South Carolina, will work with community partners from the Baptist Education and Missionary Convention and the S.C. Primary Health Care Association as part of the newly funded S.C. Cancer Disparities Community Network.

Breast, cervical, colorectal, head and neck, and thoracic cancers are the primary focus of the study.

"South Carolina has some of the worst health indicators in the United States," said Hebert, who, in addition to his role at USC, is the leader of the Statewide Cancer Prevention and Control Program of the Hollings Cancer Center at MUSC. "For some conditions, including a number of cancers, we have the highest incidence rates in the country."

"South Carolina stands ready to make a significant contribution to cancer research locally, as well as regionally, nationally, and internationally. Through this community network, we will work together to make this happen."

For information, go to <http://crehd.nci.nih.gov>.

Moore School professor receives Fulbright grant

Hoyt N. Wheeler, a management professor in the Moore School of Business, has been awarded a Fulbright Scholar grant to lecture at J.W. Goethe University in Frankfurt, Germany, during the 2005-06 academic year. Wheeler is an expert in labor relations and has written several books on labor unions, most notably *The Future of the American Labor Movement* (Cambridge University Press, 2002).

Wheeler, who has a juris doctorate from the University of Virginia, will hold the Fulbright Distinguished Chair in American Studies and serve on the law faculty while at Goethe University. Approximately 800 are selected annually to be Fulbright Scholars. The Fulbright program is considered the United States' flagship international education activity.



▲ Janne Debes (Thomson Student Health Center) and a high-flying friend, a Mountain Caracara, share the view of Huayna Picchu in Peru.

▶ Don (medicine) and Diane Byars pioneered a different kind of vacation this year, traveling 65.3 miles on a wagon train through North Dakota.



Tripping

Faculty and staff share their best vacation pictures from summer travels around the globe.



▲ Pam Riddle (Law Enforcement and Safety/Police), right, and her daughter, Dena, cruised into summer, making ports of call in Belize, Costa Mayo, Cozumel, and Progresso. "Cruises are wonderful!" Pam said of her first trip on the high seas.



▲ Nancy Washington (University Libraries) can barely contain her enthusiasm for Switzerland. Here, she is swallowed by a cardboard facsimile at the Bear Pit in Berne. The bear is Berne's symbol.

▼ Richard (music) and Kim Conant make the beach scene in St. Lucia.

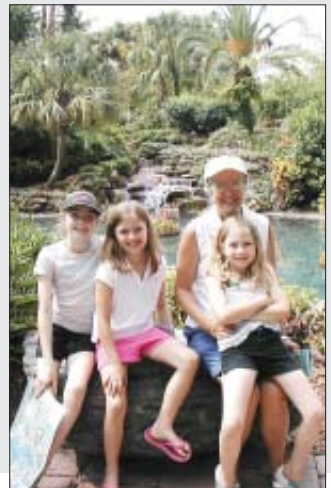


See more photos at www.sc.edu/usctimes/articles/2005-08/vacation_photos.html



▲ Carolyn (African American Studies Program) and Cardell Sutton enjoy the view in Frankfurt, Germany. The couple also traveled to Luxor, Cairo, and Aswan, Egypt, and Rome, Italy.

▼ Lael Kenney (University Technology Services) and her daughters, Many, Emma, and Madison, had a magical time at Disney World and Sea World in Orlando, Fla. Husband Don (medicine) captured the moment.



▲ Bert Easter (University 101/First Year Experience), left, and partner Ed Madden (English) traveled to Paris. In addition to visiting the Eiffel Tower, they placed sunflowers on the grave of Oscar Wilde.

▼ Gerald (social work) and Sandi Euster took this shot near Paulet Island, Antarctica.

