



TIMES

UNIVERSITY OF SOUTH CAROLINA

A publication
for USC faculty,
staff, and friends
NOVEMBER 21, 2002

USC, Clemson battle in Dollar War for Habitat

By LARRY WOOD

USC's chapter of Habitat for Humanity hopes to score a win in its Dollar War against Clemson when the schools take to the football field Nov. 23.

Students from both schools will be at the game in Clemson to collect \$1—or more—from donors for the friendly rivalry. The USC chapter will use the proceeds to build its second house for Habitat this spring.

"This is a challenge from Clemson," said Beth Tally, executive director of Central South Carolina Habitat for Humanity. "Clemson's Habitat chapter is probably one of the most successful in the United States. They have built a house every year at homecoming for the past seven years, and this past year they had a six-house blitz that really engaged the whole university.

"We are convinced, and the students at USC's campus chapter are convinced that we should be able to do the same sorts of things here in Columbia."

USC supporters won't have to attend the game to make a contribution. Send donations, marked for USC, to Central South Carolina Habitat for Humanity, 209 South Sumter St., Columbia, 29201.

USC's goal is to raise \$25,000 toward the \$50,000 needed to build a Habitat for Humanity house. The 14 Rotary Clubs in the Columbia area will contribute the other \$25,000.

"If we can get the alumni community, the faculty and staff, the parents, the students—everyone who has an interest in USC—to consider giving us \$1, then it would be very easy to raise the \$50,000 needed to build a house because there are so many people in the community who support USC," Tally said.

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MICHAEL BROWN

Picture-perfect performance

Sara Wilson, left, and Ashley Revell rehearse a dance from "Blue Jeans to Ballet," to be presented by the USC Dance Company Dec. 4-6 in Drayton Hall Theater. See story on page 3.

Undergrads launch online research journal

By CHRIS HORN

With a little help from faculty and a lot of hard work on their own, a team of Honors College students has just launched *MARSci*, a first-of-its-kind online journal for marine science research papers written by students in the Southeast.

Undergraduate is the defining word for *MARSci*: editor-in-chief Suzanne Pickard is a biology senior; the associate editors all are undergrads; and undergraduate students review submitted articles. Articles also must have undergraduates as their primary authors.

"When we're reviewing submitted articles, we have a list of 20 faculty from four institutions who we can call on for assistance, but it's really up to us to do the work," said Pickard, an Honors College student who first began working on the idea for an online journal during her freshman year.

The initial edition of *MARSci* contains five articles. The next edition is planned for spring, and the long-term goal is to produce the publication quarterly and feature undergraduate articles from across the nation.

MARSci is supported by a \$87,000 National Science Foundation (NSF) grant and is intended to serve as a model for other undergraduates interested in launching online research journals.

"We were at the right place at the right time in getting the NSF grant," said Doug Williams, associate dean of the Honors College and Pickard's academic advisor. "NSF has long been a supporter of undergraduate research through its Research Experiences for Undergraduates (REU) program; so, *MARSci* was a natural extension of that."

Many undergraduate online scientific journals already exist, Pickard said, "but none that are interinstitutional and under total

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The inaugural issue of *MARSci* can be viewed at <http://marsci.schc.sc.edu>



Doug Williams and Suzanne Pickard look over a manuscript.

Family Fund campaign seeks full participation

The 2002-03 Family Fund campaign has begun with a goal of raising \$1 million from faculty, staff, and retirees. Joan Hinde Stewart, dean of the College of Liberal Arts, is the chair for this year's campaign.

"I feel privileged to chair a campaign so vital to the University," Stewart said. "The willingness of our employees to give is a sure sign of their dedication to the educational, research, and service missions of our University and to the preparation of our future leaders."

While there is a \$1 million monetary goal, the campaign's main focus is employee participation. By giving to the Family Fund, employees can demonstrate their confidence in and commitment to the



Newman

University," said Catherine Newman, director of the Family Fund. "In my meetings across campus with both faculty and staff, I am constantly overwhelmed by everyone's commitment to USC," Newman said.

Major donors often take into account a university's faculty and staff giving percentage when determining the amount of their gifts. "If you have strong internal support, external support follows," Newman said. "We want to emphasize that no gift is too small. Any gift, no matter its size, will impact the University's overall goals."

Pledge packets were distributed to all faculty and staff, which included options for

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Sorensens to hold open house for faculty/staff

President and Mrs. Sorensen will be the hosts for a holiday open house in appreciation of all USC faculty and staff from 10 a.m. to noon Dec. 4 in the lobby of the Koger Center. To R.S.V.P., call 7-6568 or e-mail events@sc.edu by Nov. 25.

■ **PHI BETA KAPPA FACULTY LECTURE SET FOR NOV. 21:** Peter Sederberg, dean of the Honors College, will deliver the USC Phi Beta Kappa faculty lecture at 3:30 p.m. Nov. 21. He will speak on "Responses to Terrorism: Metaphors we kill by, metaphors we compromise by." The lecture will be held in the Gressette Room in Harper College on the Horseshoe. The lecture is open to the public. A reception will follow. For more information or to make a reservation, call Lynne Bolt Hansen at 7-8102.

■ **NOMINATIONS OPEN FOR MUNGO GRADUATE TEACHING AWARDS:** The deadline for nominations for the annual Michael J. Mungo Graduate Teaching Awards is Jan. 31, 2003. The three awards of \$2,000 each are being offered for the second time this spring. The awards recognize and reward excellence in graduate teaching on the Columbia campus. All full-time tenured or tenure-track faculty who teach graduate students are eligible. Nominations can be brief and will be accepted from students, faculty, department chairs, and deans. Nominees will receive a request from the University Faculty Committee on Instructional Development to provide specific information, which will be due Feb. 28, 2003. Winners will be recommended by the University Faculty Committee on Instructional Development under the supervision of the provost, who will make the final selection for the awards. The winners will be announced at the General Faculty/Faculty Senate meeting May 1, 2003. Send nominations to: Donald J. Greiner, associate provost and dean of undergraduate affairs, Office of the Provost, Osborne Administration Building.

■ **NOMINATIONS OPEN FOR MUNGO UNDERGRADUATE TEACHING AWARDS:** The deadline for the annual Michael J. Mungo Undergraduate Teaching Awards is Dec. 13. The five awards of \$2,000 each will be offered for the 11th time this spring. All full-time tenured or tenure-track faculty who teach undergraduate students are eligible. Three of the awards are reserved for faculty members in the colleges of Liberal Arts and of Science and Mathematics. The remaining two awards will go to faculty who teach undergraduates in other colleges. Nominations can be brief and will be accepted from students, faculty, department chairs, and deans. Nominees will receive a request from the University Faculty Committee on Instructional Development to provide specific information, which will be due Feb. 7, 2003. Winners will be recommended by the University Faculty Committee on Instructional Development under the supervision of the provost, who will make the final selection for the awards. The winners will be announced at the General Faculty/Faculty Senate meeting May 1, 2003. Send nominations to: Donald J. Greiner, associate provost and dean of undergraduate affairs, Office of the Provost, Osborne Administration Building.

President proposes smaller freshman class

By LARRY WOOD

President Sorensen has proposed reducing the fall 2003 freshman class to 3,300. This fall's freshman class, the largest in USC's history, numbered about 3,500.

"That is not cast in concrete. I've presented it to the Board of Trustees merely as a proposal," Sorensen said at the Nov. 6 meeting of the Columbia campus Faculty Senate. "We will not take a firm stance until I've had an opportunity to review input from the faculty and the admissions committee."

Concerning research funding, the president said he learned during a recent trip to Washington, D.C., that the Office of Science funds 43 percent of all governmentally funded research in the physical and biological sciences. In comparison, the National Science Foundation funds 17 percent of research nationally.

Sorensen has shared with Provost Odom and Harris Pastides, interim vice president for research and dean of the Arnold School of Public Health, a list of nine areas the Office of Science will focus on over the next several years. He added that the National Endowment for the Humanities has substantially more funds than before.

"I've spoken with Provost Odom about my hope that more of our faculty will participate in grant proposals in the humanities and social sciences," Sorensen said.

The president said he has no new information on a proposed cut of about 5 percent to all state agencies, including USC.

When he learns the amount of the cut, Odom said, he will meet with Rick Kelly, vice president and chief financial officer, and the Faculty Budget Committee to make plans for how it will affect the University's budget.

One candidate for dean of the School of Law recently visited campus, and three other candidates will visit this month. Other

candidates also might be invited, Odom said.

"We would hope that we would have a dean designate by the end of this calendar year if at all possible," he said.

Odom said he and Pastides have met with faculty members who submitted 25 titles of proposals for the proposed Research Centers of Excellence, which will be funded with money from the state lottery.

"We tried to impress upon them the importance of economic development, which would be viewed strongly by the nine-member board that has been appointed at the state level to review the proposals," Odom said. "The other factor we're concerned about is matching funds."

Some members of the review board would accept matching funds from the private sector, foundations, and the federal government. Other members would approve only matching funds from the private sector. A

subcommittee was to meet in mid-November to develop guidelines for matching funds.

"All three research universities are lobbying pretty hard to have large federal grants that are infrastructure-building grants to be used for matching funds," Odom said. "The whole program is to build research centers, to build infrastructure at the [research] universities. We feel that those kinds of federal funds should be and could be used to accomplish the purpose of the research center program."

State lawmakers earmarked \$30 million of lottery money to fund professorships at USC, Clemson, and the Medical University of South Carolina and help create Research Centers of Excellence, research clusters designed to spur high-tech development.

Larry Wood can be reached at 7-3478 or larryw@gwm.sc.edu.

"We will not take a firm stance until I've had an opportunity to review input from the faculty and the admissions committee."

—President Sorensen



Student speak

- **Name:** Samuel Crum
- **Major:** Biology
- **Class:** Sophomore
- **Hometown:** Summerville, S.C.

Q. Do you study outside of Thomas Cooper often?

A. Most of the time. I usually study out here because of the water. It's nice and calm and peaceful. It's wonderful out here: kinda breezy, not too warm, and not too cold. You can watch the squirrels.

Q. Where's your favorite place to study?

A. Really, the library. On the first floor, they have all the journals grouped together by discipline, and I can find the ones I need for biology. I'm a pre-med student and want to go to medical school.

Q. What area of medicine are you interested in?

A. Most likely, ophthalmology. I like working with people, and I like the eyes.

Q. Have you thought about what medical school you'd like to attend?

A. Yes, my goal is to go to Duke. If not, most likely, I'd probably stay in state and go to the USC medical school right here. It would be close to home. But my dream has always been to go to Duke University.

Q. Why did you decide to come to USC?

A. The professors are very, very good here. Although some of the classes are large, they still take time out to help you. The education here is very good. It's a large campus, but I went to a good-sized high school with a population of about 3,100.

Q. What classes are you taking this semester?

A. Ecology and evolution, chemistry, some calculus, and psychology.

Q. What's your favorite?

A. Ecology and evolution because I like biology.

Q. What do you like to do when you're not studying?

A. Gosh, I study most of the time. I lift a little bit of weights, play tennis, swim a little bit. I do a little bit of everything.

Equipment grant will support computer science research

By KATHY HENRY DOWELL

Computer science faculty Kirk Cameron and Srihari Nelakuditi are new to USC—Cameron has been here a little over a year,



Cameron

Nelakuditi just three months. Already the men have formed a research partnership and, just weeks ago, received their first joint grant.

Valued at \$25,000, the competitive equipment grant was provided by IXIA, a company that makes network monitoring equipment. As part of its University Partners Program and the Internet2 project, the company is donating traffic generation and performance testing equipment to more than 40 participating Internet2 universities, including Virginia Tech, University of Tennessee, and the National Center for Supercomputing Applications (NCSA) at the University of Illinois.



Nelakuditi

"Their donation to USC includes IXIA 1600 with LM 1000 T gigabit Ethernet load module, a comprehensive network performance monitoring system, and the software that goes with it," Cameron said. "Before the donation, this equipment was not available to us locally. We are first in the area to have it."

The equipment is commonly used in network companies,

"Before the donation, this equipment was not available to us locally. We are first in the area to have it."

—Kirk Cameron

Nelakuditi said. "For example, a company designing a new router might use this equipment to generate desired traffic loads and assess its performance," he said.

Nelakuditi and Cameron met when Nelakuditi interviewed at USC. The two quickly discovered their similar interests, and once Nelakuditi joined the faculty, they began to explore research opportunities. The equipment they have received from IXIA will be used in several projects.

"Srihari does research in computer networking and looks at ways to improve quality of service," Cameron said. "My research includes a project with Intel Corporation where we are interested in generating fixed load traffic. With the new equipment, we can create fake traffic, and then we can gauge performance of the equipment that Intel makes."

"We also are using the equipment as part of an initiative to link computer resources we have to use as a single resource grid," he continued. "And we'll use it in teaching, with students conducting research or involved in classes and activities using the equipment."

■ **USC PRESS BOOKS TIME FOR ANNUAL SALE:** The USC Press is holding its annual walk-in book sale from noon to 4 p.m. through Dec. 18, except Nov. 28 and 29. The sale is at the press' warehouse at 718 Devine St., between Gadsden and Pulaski streets, behind the Carolina Coliseum. All books are 25 percent off or more.

■ **ART DEPARTMENT SALE IS NOV. 21-22:** The Department of Art will hold its function and sculpture art/ware sale from 10 a.m. to 6 p.m. Nov. 21-22 in Room 103 of McMaster College. Proceeds from the annual sale are used to bring in visiting artists for lectures and demonstrations.

■ **DEADLINE FOR WOMEN'S STUDIES ABSTRACTS IS DEC. 13:** The 2003 Women's Studies 16th-annual conference will be Feb. 27-28 in the Daniel Management Center, Moore School of Business. Catharine R. Stimpson, dean of the Graduate School of Arts and Science, New York University, will be the keynote speaker. Faculty and staff who will attend the conference can submit abstracts (300-word maximum) for individual presentations or proposals for a panel/session relevant to the conference theme. Fifteen minutes will be allotted for individual papers and 45 minutes for panel/session presentations. The deadline to submit abstracts is Dec. 13. All presenters must register for the conference. General registration is \$40; student registration is \$20. For more information, call Rosa Thorn at 7-4200.



The future of news

KIM TRUETT

USC and Ifra, the world association for media publishing, opened Newsplex, the prototype of newsrooms in the future, on Nov. 13 as part of an international conference on converging media.

Barbosa brings stunning choreography and style to USC

By KATHY HENRY DOWELL

Two recent USC arrivals have combined their considerable talents to create a dance presentation that will soar at Drayton Hall next month.

Eric Rouse and Miriam Barbosa joined the Department of Theatre and Dance in August. Rouse came from Las Vegas, where he worked behind the scenes at Cirque de Soleil, creating superb special effects while ensuring the safety of the performers. He is now the theatre department's technical director. His first production at USC was *King Lear* in September.

Barbosa, now a visiting professor in the dance department, came to USC by way of New York City. Since 1991, she had been dancing and teaching with the Martha Graham Company and School of Contemporary Dance, as well as teaching and choreographing in other venues around the world.

Barbosa's influence will be seen for the first time in *Blue Jeans to Ballet* Dec. 4-6. Rouse's expertise has enabled Barbosa to create a group dance in which performers represent supernatural forces while suspended from ropes. In a second dance, she will perform a duet with Serguei Chyrykov, an adjunct professor in dance.

Born in Brazil, Barbosa said she always knew she would dance.

"In Brazil, children are exposed to music and dance almost from birth. They see dance and movement at celebrations and holidays—it is a part of the culture," she said. "In the schools, from kindergarten to high school, dance and theatre programs are offered with just enough class time to expose children to different styles of dance. But it is just a small part of the curriculum. Few people dance beyond that."

"When I was 9, I made the decision that dance was going to be my life. My decision meant sacrifice for my parents—making sure I got to dance classes, the expense of lessons," said Barbosa, who still practices her own movements one-and-a-half hours every day, five days a week. "A few years later, I saw a Martha Graham video, and I knew immediately I wanted to go to New York. I wrote the school a letter, and they invited me to come. I went with only enough clothes and money for three months. But I was determined to stay, and so I tried out for a scholarship."

She got the scholarship, and in time she was teaching at



MICHAEL BROWN

Members of the company learn the ropes for a new dance piece.

the school. She also has been on the faculty at the S.C. Governor's School for the Arts and Humanities in Greenville, the Nevada Festival Ballet, and the Institute of Theatre of Barcelona. She has choreographed and performed for Museo del Barrio, American Indians Community House, Choreographers Project at Merce Cunningham, and Contemporary Dance Festival in Mexico.

Barbosa is a master teacher of Gyrokinesis and the Gyrotonic Expansion System of Movement, a three-dimensional program of joint movements she has adapted into her

'Blue Jeans to Ballet'

The USC Dance Company will present "Blue Jeans to Ballet" Dec. 4-6 in Drayton Hall Theater. The concert will include "Norwegian Melody," choreographed by Susan Anderson, dance, and with music by Edvard Grieg. Other pieces include a ballroom dance, two duets, and a blue jeans ballet staged to Hootie and the Blowfish's "Hannah Jane," which will be directed by Miriam Barbosa, a visiting professor in dance. (See story at left.)

Performances are at 8 p.m. "Blue Jeans to Ballet" is part of USC Theatre South Carolina's season subscription. Tickets are \$12 general public; \$10 faculty, staff, military, and senior citizens; and \$9 students. For tickets, call 7-2551 beginning at noon Dec. 3.

own style of modern dance. Her formal education includes an MFA from the Sao Paulo University of Fine Arts.

The combination of dance and theory makes Barbosa a standout in the very competitive world of dance.

"Miriam has an incredible ballet background: she went to the Anna Pavlova School of Dance in Brazil, and she danced and taught at the most respected modern dance company in the world (Martha Graham). That alone parallels dancing with the New York City Ballet or Russia's famous Bolshoi Ballet," said Susan Anderson, artistic director of dance programs. "Having academic credentials and a dance background is very unusual and highly prized."

The addition of Barbosa creates a "meshing of the art forms—modern dance and ballet—at USC," Anderson continued. "Every dance conservatory in the United States has a director of modern dance, as well as a ballet director, and we should be training our students to be versatile as performers and teachers."

Barbosa said she is grateful for the opportunity to share her knowledge of dance with USC students. This semester, she has many opportunities to do that: she is teaching modern dance, jazz, dance history, and an introduction to choreography.

Kathy Henry Dowell can be reached at 7-3686 or kdowell@gwm.sc.edu.

Grad student looks for gender differences in exercise

By CHRIS HORN

Do females recover faster and suffer fewer ill effects than males after fatiguing exercise?

It's an intriguing question, especially when one considers that most exercise physiology experiments in the past have almost exclusively used male subjects. Adrienne Brown, a USC doctoral student in exercise science, hopes to shed more light on possible gender differences in exercise.

"Our pilot data from animal models suggests that females have lower mortality and morbidity rates when infected following fatiguing exercise," Brown said. "We think it might be because they have a better inflammatory response, which helps fight off opportunistic germs."

Brown's research, funded by the American College of Sports Medicine, is

part of a large body of experiments in labs across the country that is examining gender differences in everything from pharmaceuticals to physiological activity. It's too soon to extrapolate her preliminary findings to human populations, but, at the least, Brown's study suggests a need for more research aimed at determining gender-related differences in exercise physiology.

In her experiments, Brown is measuring the effects of a common cold virus on laboratory mice that undergo rigorous exercise. As a group, the female mice have fared better than their male counterparts, both in warding off and recovering from illness after exercise.

The females also exhibit increased symptoms of infection—possibly because of their greater inflammatory response—which might lower their mortality rates, but also

might be related to increased risk of arthritis and other inflammatory diseases.

"We have to start with animal models to understand what's going on, then eventually look at humans in this kind of research," Brown said. "It's interesting to consider because so many experiments in the past either relied solely on male subjects or didn't distinguish the differences between male and female subjects."

Chris Horn can be reached at 7-3687 or chorn@gwm.sc.edu.



Adrienne Brown

Carolinian Creed Week recognized

Carolinian Creed Week, which promotes respect and values found in USC's Carolinian Creed, has been recognized as a 2002 Exemplary Program by NASPA: Student Affairs Administrators in Higher Education.

The Carolinian Creed was written in 1989 to promote the values and standards found in the University's institutional documents, policies, and rituals. Creed Week, now sponsored by the Office of Student Judicial Programs, brings together students, staff, faculty, and the community to work on programs and projects that speak to the values inherent in the Carolinian Creed.

USC was one of 13 institutions recognized by the Exemplary Program Awards. Other universities among this year's honorees include UCLA, Syracuse University, and Arizona State University.

Staff spotlight

■ **Name:** Fred Drafts

■ **Title:** President's House horticulturalist

■ **Years at USC:** Five

■ **What are your primary duties here?** I'm responsible for maintaining the grounds and gardens around the President's House and for various color beds around campus. Most of the tropical plants that are kept inside the house are leased, and I make sure they are well cared for. I also take care of all the roses in the garden beside Lieber College. And I assist with decorating the President's House for holidays and other gatherings, although the renovations to the house will prevent that this year.



Drafts

■ **Where did you work before USC?** I worked at a garden center in Imo for about 20 years. After high school, I earned an associate's degree

from Midlands Technical College in horticulture and also earned a certificate in floral design. I've been interested in gardening and ornamental plants all my life; my parents and both sets of grandparents always kept gardens. I keep an organic vegetable garden and try to collect different species of ornamentals and perennials for an informal garden at my house.

■ **What's the best thing about your job?**

Compared to the garden center, it's not as hectic; the hours are more regular. The thing is, I treat this like my own garden and take care of everything like I would if it were mine. These are more formal gardens here; so, it's a change of pace from the more informal garden I keep. There is more of a challenge here in that there are four or five micro-climates around the President's House. You can grow something in one spot that, because of sunlight or heat radiating from the house, won't grow in another spot in the yard.

■ **What would be your dream job?** It would be the same thing I'm doing now but in a much larger botanical garden—something bigger than Riverbanks Botanical Garden, even. I like to go to Ralston Arboretum in North Carolina and to the University of Georgia's arboretum every couple of years just to see what's new. I would also like to own a nursery that specializes in rare and unusual perennials and ornamentals.

■ **If money were no object, how would you change the landscaping here?** I've got this whole garden redesigned in my mind. I'd leave some of the mature plants, but I'm not a big fan of azaleas. They're showy for a little bit, and that's all. I think landscapes should have a lot of diversity; there should be surprises here and there.

■ **Apart from gardening, what are your hobbies?** I like to keep small livestock, such as chickens. And I like to go hiking in state parks and in the mountains. I haven't done it in a while, but I used to do a lot of back-packing in the mountains.



Do you have an unusual holiday tradition?

If so, we'd like to tell our readers about it in the Dec. 12 issue of *Times*. To share your story, please call Larry Wood at 7-3478 or e-mail larryw@gwm.sc.edu by Dec. 2.

CALENDAR

lectures/conferences

ENGINEERING/MATH/SCIENCE

■ **Nov. 21** Statistics, "Multiple Comparison of Regression Lines: Pairwise Comparisons and Comparisons with a Control," John Spurrier, statistics, 2:30 p.m., LeConte College, Room 210B.

■ **Nov. 21** Chemical Engineering, "Synthesis and Characterization of Dendrimer Templated Titanosilicate Oxidation Catalysts," David A. Bruce, Department of Chemical Engineering, Clemson University, 3 p.m., Swearingen Engineering Center, Amoco Hall.

■ **Nov. 21** Physics and Astronomy, "A Gathering for Gardner: Strange and Novel Physical and Mathematical Problems," Ron Edge, professor emeritus, physics and astronomy, 4-5 p.m., Jones Physical Sciences Center, Room 409. Refreshments at 3:45 p.m.

■ **Nov. 22** Marine Science, "Responses of Coastal Wetlands to Rising Sea Level," Jim Morris, biological sciences, 3 p.m., Earth Water Sciences, Room 604.

■ **Nov. 22** Computer Science and Engineering, "Robust Feature Analysis: From Algorithms to Biology," Toshiro Kubota, computer science and engineering, 3:30-4:30 p.m., Swearingen Engineering Center, Amoco Hall.

■ **Nov. 22** USC NanoCenter and Department of Chemistry and Biochemistry seminar, "Nanoparticles in Chemistry, Materials, and Biology," Vincent Rotello, University of Massachusetts-Amherst, 4 p.m., Jones Physical Sciences Center, Room 006. Refreshments at 3:45 p.m.

■ **Nov. 25** Geological Sciences, Clark Alexander, Skidaway Institute of Oceanography, 3:30 p.m., Coker Life Sciences, Room 211.

■ **Nov. 25** Biological Sciences, "Hot and cold running beetles: Chasing down temperature adaptation," Elizabeth Dahlhoff, Santa Clara University, 4 p.m., Coker Life Sciences, Room 005.

■ **Dec. 2** Geological Sciences, Chris Sommerfield, College of Marine Studies, University of Delaware, 3:30 p.m., Coker Life Sciences, Room 211.

■ **Dec. 2** Biological Sciences, William Rice, University of California-Santa Barbara, 4 p.m., Coker Life Sciences, Room 005.

■ **Dec. 5** Chemical Engineering, "Protein and Peptide Formulation Development," Eliana D. Clark, associate director of pharmaceuticals, Genzyme Corporation, 3 p.m., Swearingen Engineering Center, Amoco Hall.

■ **Dec. 6** Marine Science, "Population Biology and Critical Habitats of the Horseshoe Crab, *Limulus polyphemus*, in South Carolina," Elizabeth Wenner, staff scientist, Marine Resources Division, S.C. Department of Natural Resources, Charleston, 3 p.m., Earth Water Sciences, Room 604.

■ **Dec. 9** Biological Sciences, Mark Bertness, Brown University, 4 p.m., Coker Life Sciences, Room 005.

■ **Dec. 9** Biomedical Science, "Transgenic and Gene Targeted Mice with Altered MAPK Signaling in the Heart," Jeffrey D. Molkenitin, Division of Molecular Cardiovascular Biology, Children's Hospital Medical Center, University of Cincinnati, 4 p.m., School of Medicine, Basic Science Building #1, B-1 Classroom.

■ **Dec. 12** Chemical Engineering, "New Challenges and Directions in Process Control: Going Beyond the Model Predictive Control Paradigm," Jay Lee, Department of Chemical Engineering, Georgia Institute of Technology, 12:30 p.m., Swearingen Engineering Center, Amoco Hall.

■ **Dec. 2** Chemistry, "Portable efficient tunnelling in proton conducting materials," Maria A. Gomez, Vassar College, 12:20 p.m., Jones Physical Sciences Center, Room 115.

LIBERAL ARTS

■ **Nov. 22** Geography, SEDAAG Papers Potpourri, six graduate student papers scheduled for presentation at the upcoming annual meeting of the Southeast Division Association of American Geographers (SEDAAG), 3:15 p.m., Calcott College, Room 201. Papers include: "Social Vulnerability of U.S. Coastal Counties to Environmental Hazards," Bryan Boruff; "Divided by a Border: A History of Wendover, Utah, and West Wendover, Nevada," Matt Constantino; "Social Needs and 'Squatter Settlements': Neighborhood and Municipal Responses in Machala, Ecuador," Katie Freer; "A PCA Regionalization of Caribbean Rainfall, 1960-1985," Darren Parnell; "Exploring Hierarchical Diffusion," Kevin Raleigh; "Rethinking Electoral Geography with a Kohonen Neural Network," Brendan Sheehy.

lectures/conferences

■ **Dec. 4** Anthropology/Archaeology, "Santa Elena/Charlesfort," Chester DePratter, SCIAA, noon, Hamilton College, Room 302. Attendees are invited to bring their lunch.

■ **Dec. 4** Richard L. Walker Institute of International Studies Palmetto Forum, "Why We Ought to Pay Attention to Indonesia's Islamic Leader," Don Weatherbee, government and international studies, 12:30-1:30 p.m., The Palmetto Club, 1231 Sumter St. Open to USC faculty and staff and their spouses. Cost is \$11 for three-course meal, payable at the door. Reservations are required by 5 p.m. the Tuesday before the meeting by calling 7-8180.

■ **Dec. 5** Philosophy, "Frank Speech and Flattery in Platonic Moral Theory," Jan Opsomer, philosophy, 12:30 p.m., Humanities Office Building, sixth floor, Philosophy Department Seminar Room.

■ **Dec. 6** Philosophy, "Sartre and Freedom," Richard Bernasconi, University of Memphis, 4 p.m., Gambrell Hall, Room 151.

concerts

SPRINGSTEEN



Bruce Springsteen will perform at 7:30 p.m. Dec. 9 in the Carolina Center. For ticket information, call the box office at 7-2383. The temporary box office is located at Williams-Brice Stadium at the southeast corner of George Rogers Boulevard and Bluff Road. Hours are 10 a.m.-5 p.m. Monday-Friday.

■ **Nov. 22** School of Music: Southern Exposure New Music Series, 7:30 p.m., School of Music Recital Hall, free.

■ **Nov. 24** School of Music: Fortepiano concert, 3 p.m., School of Music Recital Hall, free. Performers include Jerry Curry, Donald Gray, Meredith Nutter, and Jun Matsuo.

■ **Nov. 24** School of Music: Palmetto Concert Band, directed by James Copenhaver and William Moody, 4 p.m., Koger Center, free.

■ **Nov. 24** School of Music: Student Composers Concert, directed by John Fitz Rogers, 7:30 p.m., Koger Center, free.

■ **Dec. 5** School of Music: University Chorus Concert, Carol Krueger, conducting, 7:30 p.m., School of Music Recital Hall, free. The concert marks the first time Krueger, a new assistant professor of choral music education, will direct a USC performance.

■ **Dec. 8** School of Music: USC Concert Choir Christmas Concert, "What Sweeter Music," featuring advent and Christmas music from Renaissance to contemporary, 6 p.m., First Presbyterian Church, 1324 Marion St., free. Larry Wyatt will direct.

■ **Dec. 9** School of Music: Soon Bae Kim, piano recital, Faculty and Guest Artist Series, 7:30 p.m., School of Music Recital Hall, free.

ndar

sports

- **Nov. 22 Women's Basketball:** Clemson, 7 p.m., Carolina Center.
- **Nov. 24 Men's Basketball:** East Tennessee State, 3 p.m., Carolina Center.
- **Nov. 24 Women's Basketball:** College of Charleston, 5:30 p.m., Carolina Center.
- **Nov. 29 Men's Basketball:** South Carolina State, 7:30 p.m., Carolina Center.
- **Nov. 30 Men's Basketball:** Appalachian State, 7 p.m., Carolina Center.
- **Dec. 2 Men's Basketball:** Temple, 7:30 p.m., Carolina Center.
- **Dec. 3 Women's Basketball:** Georgia Southern, 7 p.m., Carolina Center.
- **Dec. 4 Women's Basketball:** Wofford, 7 p.m., Carolina Center.

mckissick museum

- **Through Dec. 20** "Palmetto Silver: Riches of the South," an exhibit exploring 300 years of the making and use of silver in South Carolina, First Floor Gallery; "An Everlasting Piece," an exhibit of selected quilts from the McKissick permanent collection, second floor gallery; "A Soldier's Legacy," an exhibit detailing the guitar and Dobro traditions of Ralph Smith, an old-time country musician from Anderson County, first floor University History Gallery.
- **Through Jan. 10, 2003** "The Life and Works of Frederick Hart: A South Carolina Tribute," a special exhibition and celebration to honor sculptor Frederick Hart, who grew up in Conway, S.C., and attended USC in the 1960s. Twenty examples of his figurative sculptures will be on view. McKissick Museum is free and open to the public from 1 to 5 p.m. Sundays and from 9 a.m. to 4 p.m. Tuesday–Friday, with extended hours to 7 p.m. Thursdays. Closed to the public Mondays, Saturdays, and all USC holidays.

other exhibits

- **Dec. 1–21 McMaster Gallery:** MFA exhibitions assembled by students in partial satisfaction of MFA requirements, free. McMaster Gallery is located in McMaster College at 1615 Senate St. Gallery hours are 9 a.m.–4:30 p.m. Monday–Friday and 1–4 p.m. Sundays. For more information, contact Mana Hewitt, gallery director, at 7-7480 or e-mail mana@sc.edu.

theatre/opera/dance

- **Through Nov. 24 Theatre South Carolina:** *You Can't Take It With You*, 8 p.m. Thursday–Saturday and 3 p.m. Sunday. Tickets for all productions are \$12 for the general public; \$10 USC faculty and staff, senior citizens, and the military; \$9 students. To reserve tickets, call 7-2551. (See review at right.)
- **Dec. 5–8 Carolina Center:** *Sesame Street Live—1-2-3 Imagine*. Show times are 7 p.m. Dec. 5; 10:30 a.m. and 7 p.m. Dec. 6; 10:30 a.m., 2 p.m., and 5:30 p.m. Dec. 7; and 1 p.m. and 4:30 p.m. Dec. 8. For ticket information, call the box office at 7-2383. The temporary box office is located at Williams-Brice Stadium at the southeast corner of George Rogers Boulevard and Bluff Rd. Hours are 10 a.m.–5 p.m. Monday–Friday.

around the campuses

- **Nov. 21–24 USC Spartanburg:** The Shoestring Players present *The Importance of Being Earnest*, a play by Oscar Wilde. Performances are 8:15 p.m. Nov. 21–23 and 3:15 p.m. Nov. 24. Humanities and Performing Arts Center. Tickets are \$5 faculty, staff, and the public; \$3 students. To reserve, call 864-503-5673.



Wilde

- **Nov. 25–26 USC Aiken:** Playground Playhouse 2002–03 presents the musical *Sleeping Beauty*, books and lyrics written by Barbara Fried, music by Norman Sacks. 7 p.m., Etherredge Center main stage. Tickets are \$5 adults, \$3 students and children. For tickets, call 803-641-3305.

- **Dec. 3 USC Aiken:** Christmas Concert, USC Aiken/Aiken Community Band, 8 p.m., Etherredge Center. Tickets are \$5 adults, \$3 students. For tickets, call 803-641-3305.



Chenille Sisters

- **Dec. 6 USC Aiken:** Holiday Pops—Chenille Sisters and Augusta Symphony, Aiken Symphony Guild Presentation, 8 p.m., Etherredge Center. Tickets are \$25 adults, \$10 students. For tickets, call 803-641-3305.
- **Dec. 7 USC Aiken:** Masterworks Choral, *Christmas Oratorio* by Camille Saint-Saens and *Vom Himmel Hoch* by Felix Mendelssohn, 8 p.m., Etherredge Center. Tickets are \$10 adults, \$5 students. For tickets, call 803-641-3305.
- **Dec. 9 USC Aiken:** Feast of Carols, A Holiday Madrigal Dinner and Show, 7 p.m., Etherredge Center. Tickets are \$30 per seat. For tickets, call 803-641-3305.
- **Through Dec. 20 USC Sumter:** The University Gallery, Anderson Library, will feature works by USC Columbia ceramicist Virginia Scotchie and her students. University Gallery hours are 8:30 a.m.–8:30 p.m. Monday–Thursday: 8:30 a.m.–1 p.m. Fridays; and 2–6 p.m. Sundays. The gallery is closed Saturdays. For more information, call Cara-lin Getty at 55-3727 or Laura Cardello 55-3858.
- **Through Dec. 20 USC Sumter:** The Upstairs Gallery, Administration Building, will host an exhibit of former USC Sumter students who have achieved recognition in the arts. Participating artists include Mike Williams, Tarleton Blackwell, and many others. Upstairs Gallery hours are 8:30 a.m.–5:30 p.m. Monday–Friday. The gallery is closed Saturdays and Sundays. For more information, call Cara-lin Getty at 55-3727 or Laura Cardello 55-3858.



Richard Jennings in *You Can't Take It With You*.

You Can't Take It With You, so enjoy it while it's here

BY FRANCEE LEVIN
Special to Times

Theatre South Carolina breathes new life into Kaufman and Hart's classic comedy *You Can't Take It With You*, now playing at Longstreet Theatre. Guest director Robert E. Leonard has created a fast-moving, madcap production with an excellent cast that manages to milk the classic laugh lines for all they are worth.

It is a tribute to both the play itself and this excellent production that, despite having seen this play many times, I found the lines were still funny. The play still worked, and it still made me laugh. The arena setting worked admirably and was put to full use with the large cast in perpetual motion. Entrances and exits from all directions added to the fun.

Set designer Jim Hunter put together a delightful 1930's living/dining room and created a real basement, which considerably added to the fireworks scenes. Act Two literally ended with a bang. Technical director Eric Rouse and his staff should be commended.

The entire cast deserves recognition. John D. McNally as Grandpa and Richard Jennings as Paul kept the spirit of the play alive at all times. Eric Hoffmann was a comic Kolenkhov, vocal coach Erica Tobolski was a proper grand duchess, and real-life couple Barbara Lowrance and R.I.G. Hughes were an appropriately stuffy Mr. and Mrs. Kirby. Andrew DeWitt did his usual excellent job as Mr. De Pinna, and performances were good across the board.

This play is a delight for the entire family. If you haven't seen it, by all means do so, and even if you have, it's worth a visit to an old friend. The message is timeless, and the laughs are still there.

This production celebrates the 25th anniversary of Longstreet Theater, and free tours of Longstreet are offered at 2 p.m. Saturdays and Sundays during the run.

You Can't Take It With You plays through November 24, so see it while you can. Call 7-2551 for reservations.

■ **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 days prior to the publication date of issue. The remaining publication date for the fall semester is Dec. 12.

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

■ COOPER NAMED JACK KENT COOKE SCHOLAR: Kristina L. Cooper, a political science major and dance minor from Anderson, has been named one of 40 scholars for 2002 by the Jack Kent Cooke Foundation. Cooper is a member of the University dance company, mock trial team, and Phi Beta Kappa. Her strong interest in dance inspired her to pursue a career in nonprofit management with a concentration in the arts. During the past two summers, Cooper has worked for the Times Square Business Improvement District and is enrolled in an independent study program with New York's Alvin Alley Dance School this fall. "My college experience has taught me the value of perseverance and hard work, which I will carry with me through my academic, professional, and personal life," Cooper said.

■ SOUTHERN EXPOSURE CONCERT TO FEATURE STUDENTS, FACULTY: Color in music is the theme of the Southern Exposure New Music Series concert set for 7:30 p.m. Nov. 22 in the School of Music Recital Hall. Stacy Garrop of Roosevelt University in Chicago is the composer-in-residence for the concert, which will feature several faculty performers and the Southern Exposure New Music Ensemble, made up of students. Admission is free.

■ DINING SERVICES SPONSORS FOOD DRIVE: USC's Carolina Dining Services is sponsoring "Caring Cans," a canned food drive for any non-perishable food items, through Dec. 16. Collection bins are located in the Grand Market Place, Gibbes Court, and Bates Café. To have large donations picked up, call Sheila Derrick at 7-6339. All items will be donated to the local Harvest Hope Food Bank. Dining Services will announce the total amount donated in January.



Opening soon

KIM TRUETT

The new Carolina Center will open Nov. 22 when the women's basketball team takes on Clemson at 7 p.m. Faculty, staff, and their families can get in free with a USC ID.



USC students built their first house on Greene Street in 2001.

Habitat continued from page 1

USC's Habitat chapter and the Rotary clubs first partnered in November 2001 when more than 200 University volunteers constructed a house on Greene Street in front of Preston College. The house found a permanent home in a neighborhood off Gervais Street.

Although USC built its first Habitat house in 2001, the campus chapter has been active for several years, working with other groups that sponsored houses and traveling during spring break to construct houses in other communities. Volunteering with Habitat teaches students leadership, Tally said.

"This is a very specific way to teach our young people about community service," she said. "It's not only getting to do the fun part, which is putting a nail apron on and having the hammer in your hand and getting out there and making lots of noise and hearing the laughter of everyone who's out there constructing the house. It's also the hard part, which is finding the resources to make it possible.

"This is a way to give back to the community in a very positive way."

Tally will declare a winner of the Dollar War probably during the first week of December, but the "real winners will be the families who will benefit from the homes that both universities will build with proceeds from the 'War,'" she said.

Larry Wood can be reached at 7-3478 or larryw@gwm.sc.edu.

Journal continued from page 1

undergraduate control like *MARSci*."

That total oversight by undergraduates makes the journal challenging—and a little scary, Pickard said.

"We want thesis-quality articles," she said. "To build a reputation for the journal, we have to make sure that the quality is there, in the science, the writing, and the online presentation."

Pickard has documented the creation of the journal from start to present and will use the project as her senior honors thesis. Future *MARSci* editors will earn academic credit. Pickard plans to pursue an MAT at USC following graduation.

Williams, Pickard, and James D. Traywick, interim director of the Writing Center, have submitted another proposal to NSF that would create a virtual course for undergraduates on publishing research papers. The course would be geared for students engaged in 10-week summer research experiences supported by NSF.

"This is all about inspiring undergraduates to have the confidence to do their own research," Williams said.

Football training center to be built beside stadium

USC's athletics department has begun fundraising for a \$3 million, 29,000-square-foot football training facility to be built behind the south end zone of Williams-Brice Stadium.

Athletics director Mike McGee discussed the planned center with the Buildings and Grounds Committee of the Board of Trustees at its Nov. 8 meeting.

The two-story strength and conditioning facility will replace a 40-year-old training room located beneath the stadium. The athletics department spent \$250,000 of its own funds for design of the new center and hopes to have the remaining \$2.75 million in hand in three to five months, McGee said.

"This facility clearly would put us in a much stronger position in terms of having adequate space for all of our athletes," he said.

Since the Sept. 11, 2001, terrorist attacks, parking behind the south end zone has been banned; so, the new center would not

eliminate any game-day parking. Construction could begin next year and would continue during next fall's football season.

In other business, Buildings and Grounds Committee members approved a revised budget of \$2.6 million for USC Sumter's renovations of the Alice Drive Baptist Church property, which was acquired in August 2000.

The committee also OK'd the use of auxiliary funds and student services funds for continued renovations and improvements at the Russell House, which is undergoing extensive remodeling for new foodservice facilities and relocated offices. A comprehensive plan explaining all of the future changes at the Russell House will be presented at the next Buildings and Grounds Committee meeting.

The committee also approved a subtle change for the new wellness center. The facility's official name is now the Strom Thurmond Wellness and Fitness Center.

Theatre South Carolina to hold open auditions

USC's Theatre South Carolina will hold open auditions for its spring productions 10 a.m.–2 p.m. Nov. 23 and 6–9 p.m. Nov. 24.

Students and community actors must sign up for audition times on the fourth floor of Longstreet Theater. Auditions will be held in the acting and rehearsal studios in the basement of the Booker T. Washington Auditorium.

Actors should prepare two contrasting monologues for a two-minute audition. Callbacks will be held at 6 p.m. Nov. 25.

Spring productions include Eugene Ionesco's absurdist farce, *Rhinoceros*; *Stop Kiss*, a new play by Diana Son; and Arthur Miller's historical drama, *The Crucible*. Theatre South Carolina embraces non-traditional casting.

For more information, call Tim Donahue at 7-9353.

Center for Child and Family Studies receives awards for videos

The Center for Child and Family Studies at USC has won several national awards for two of its 2001 video productions, *And the Sad Will Fall Away* and *Child Sexual Abuse: The Secret Crime, Coordinating the Response*. Both videos won awards in educational and training categories.

And the Sad Will Fall Away is a documentary about women, their children, and the effects of substance abuse. Written and produced by Beck Sullivan, social work, the video won six national awards, including first place in the National Council on Family Relations in the 34th Annual Media Awards Competition, a gold award in the 34th Annual Festival of Awards in Media Excellence (AiME), an award of distinction in the 2002 Videographer Awards, and finalist awards in two categories of the 23rd Annual Telly Awards.

Child Sexual Abuse: The Secret Crime, Coordinating the Response is part of a series that helps law enforcement officers and social workers understand their differing approaches and mandates in investigations so that they can work effectively together.

Written by Sullivan and Jenny Maxwell, language, literature, and cultures, *Coordinating the Response* won three national awards in three competitions: a bronze award in the 34th Annual Festival of AiME, an award of excellence in the 2002 Videographer Awards, and a finalist award in the 23rd Annual Telly Awards.

The Center for Child and Family Studies is a part of the College of Social Work. The center, whose mission is to improve the well-being of children, adults, and families in South Carolina and the nation, is involved in a wide range of projects and programs.

Fund continued from page 1

payroll deduction, periodic billing, or one-time gifts.

"Pledge cards are streaming in," Newman said. "Much of the credit for the early success of this year's campaign goes to my wonderful corps of volunteers. They are dedicated to getting the Family Fund's message out to their colleagues."

Donors are encouraged to restrict or designate their gifts to specific funds that impact their departments. Undesignated gifts benefit the Staff Development Fund or the Faculty Enrichment Fund.

Benefits for Family Fund donors this year include free flu shots, reduced wellness costs, eligibility for a discount membership at the Strom Thurmond Wellness and Fitness Center, and discounts at many community sponsors. A complete list of discounts and community sponsors may be found on the Family Fund Web site at www.sc.edu/development/FamilyFundBenefits.htm/.

Larry Faulkner, dean of the School of Medicine, chaired the Family Fund during the Bicentennial Campaign. During the campaign, employees and retirees committed more than \$11 million dollars to the University.



Vol. 13, No. 19

November 21, 2002

TIMES is published 20 times a year for the faculty and staff of the University of South Carolina by the Department of University Publications, Laurence W. Pearce, director.

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■ **JOB VACANCIES:** For up-to-date information on USC Columbia vacancies, access the human resources Web page at <http://hr.sc.edu> or visit the employment office, 508 Assembly St. For positions at other campuses, contact the personnel office at that campus.

■ **BERG TO GIVE RECITAL:** Guitarist Christopher Berg, music, will present a recital of guitar music from Spain and the Americas at 7:30 p.m. Dec. 3 in the School of Music Recital Hall. The program will include music by Enrique Granados, Isaac Albéniz, Agustín Barrios, and Miguel Llobet. Berg is a recipient of a National Endowment for the Arts Solo Recitalist Fellowship and two Solo Artist Fellowships from the S.C. Arts Commission. In 2000, he was awarded a Michael J. Mungo Award for Excellence in Undergraduate Teaching.



Berg

■ **NOMINATIONS ACCEPTED FOR THOMAS AWARD:** Nominations are being accepted for the Ada B. Thomas Outstanding Undergraduate Faculty/Staff Advisor Award. Nomination forms are available at college and department offices on campus or by calling 7-8113. Nominations are due Dec. 13.

■ **GIRL SCOUT TROOP AT USC NEEDS ADVISOR:** A Girl Scouts of America troop formed at USC last year is in need of a faculty or staff advisor effective summer 2003. During the past year, the group has undertaken several projects and has provided an opportunity for young women to hone their leadership skills. Joann Morton, criminal justice, has served as the group's advisor, but she will retire in August 2003. To remain a campus organization, the troop must have a faculty or staff advisor who is employed by the University. For more information, call Morton at 7-6381 or Marie Connelly at 544-4945.

■ **FACULTY STAFF, FAMILIES CAN ATTEND WOMEN'S GAMES FREE:** USC faculty and staff and their families can attend all of the University's women's home basketball games for free this season by presenting a faculty/staff ID card at the ticket gate. The team will play 16 home games in the new Carolina Center, starting with the first home game against Clemson Nov. 22. SEC opponents at home include Florida, Kentucky, Georgia, and Mississippi State.

Faculty/Staff

■ **BOOKS AND CHAPTERS:** Kevin J. Swick, education, co-editor, *A Gallery Of Portraits Of Service Learning—Action Research In Teacher Education*, National Dropout Prevention Center, Clemson, S.C.

Burford Norman, languages, literatures, and cultures, "Philippe Quinault," *Seventeenth-Century French Writers, Dictionary of Literary Biography*, Françoise Jaouen, editor, Gale Publishing, Detroit.

Alan Chalmers, fine arts, languages, and literature, Spartanburg, "Film, Censorship, and the Corrupt Original of Gulliver's Travels," *Eighteenth-Century Fiction on Screen*, Robert Mayer, editor, Cambridge University Press, Cambridge.

Charles R. Mack, art, "Bunzlauer Style: German Pottery from Jugendstil to Art Deco," *Exhibition Catalog*, Georgia Museum of Art, Athens, Ga.

Charles W. Kegley, government and international studies, Eugene R. Witkopf, and James F. Scott, *American Foreign Policy: Patterns and Process*, Wadsworth/Thomson Learning, Belmont, Calif., also, *The New Global Terrorism: Characteristics, Causes, Controls*, Prentice Hall, Upper Saddle River, N.J.

Leslie Jo Frazier, history and Women's Studies, Rosario Montoya, and Janise Hurtig, editors, *Gender's Place: Feminist Anthropologies of Latin America*, Palgrave MacMillan/St. Martin's Press, New York and Houndmills, England, also, same volume, "Forging Democracy and Locality: Democratization, Mental Health, and Reparations in Chile."

Michael Witkoski, journalism, "Gjertrud Schnackenberg," *Critical Survey of Poetry*, Philip Janson, editor, Salem Press, Pasadena, Calif., also, "Primitime Blues: African Americans on Network Television," *Magill's Literary Annual 2002*, Salem Press, Pasadena, Calif.

William B. Thesing, English, *A Companion to the Victorian Novel*, co-editor with Patrick Brantlinger (Indiana University), Blackwell Publishers, Oxford, England, and, with Gilbert Allen (Furman University), "Stewardship and Sacrifice: The Land and the People of Bennie Lee Sinclair's South Carolina," *Her Words: Diverse Voices in Contemporary Appalachian Women's Poetry*, Felicia Mitchell, editor, University of Tennessee Press, Knoxville.

Kathryn A. Edwards, history, editor, *Werewolves, Witches, and Wandering Spirits: Traditional Belief and Folklore in Early Modern Europe*, Truman State University Press, Kirksville, Mo.

■ **ARTICLES:** Juanita Villena-Alvarez, foreign languages, Beaufort, "Harnessing Student Technological Expertise in the Teaching of Foreign Language Business Courses," *CIBER 2001: Explorations in Business, Language and Communication*.

Donna L. Richter, health promotion, education, and behavior, Sara Wilcox and Barbara E. Ainsworth, exercise science, Mary L. Greaney, and Karla A. Henderson, "Environmental, policy, and cultural factors related to physical activity in African American women," *Women and Health*.

Charles R. Mack, art, "Just What the Medici Ordered: Gout, Spas, and Quattrocento Building," *Arts*.

Agnes C. Mueller, languages, literatures, and cultures, "Der Aporismus im Geschlechterdiskurs des 18. Jahrhunderts," *Akten des X. Internationalen Germanistenkongresses Wien 2000*.

J. Larry Durstine, exercise science, C.A. Cox (exercise science graduate student), P.W. Grandjean, and P.D. Thompson, "Lipids, Lipoproteins, and Exercise," *Journal of Cardiopulmonary Rehabilitation*.

■ **PRESENTATIONS:** Freeman G. Henry, languages, literatures, and cultures, "The Fall of the Republic of Letters: Language, Power, and the Literary Frame," Nineteenth-Century French Studies Colloquium, Columbus, Ohio.

John Shafer, James Rine, and Michael Waddell, Earth Sciences and Resources Institute, and Richard Berg (Illinois State Geological Survey), "3D Hydrogeologic Characterization of the Marine Corps Air Station at Beaufort, South Carolina, for Aquifer Vulnerability Analysis and Groundwater Flow and Transport Modeling." Workshop on Three-Dimensional Geological Mapping for Groundwater Application, Canadian Geological Survey and Illinois State Geological Survey, Denver, Colo.

Patsy G. Lewellyn, accounting, Aiken, "Global Business Citizenship," World Knowledge Forum, Seoul, Korea.

Jerry Carroll, bookstore, Spartanburg, "Bridging the Gap Between Bookstores and VP's," S.C. Association of College Stores, Myrtle Beach.

William R. Stanley, geography, "Nowhere to Somewhere—Images of a Strategic Silver of Land in South Central Africa, the Caprivi Zipfel," Society for the History of Discoveries, Guadalajara, Mexico.

Roberto Refinetti, psychology, Salkehatchie, "Circadian Rhythmicity and Homeostasis in Small and Large Mammals," Biological Rhythms in Livestock Conference, Messina, Italy.

Mary Lou Hightower, fine arts, Spartanburg, "How to Think Like Leonardo da Vinci," S.C. Art Education Association State Conference, Greenville.

Charles R. Mack, art, "Enamelware Art: A Vernacular Aesthetic," Southeastern College Art Conference, Mobile, Ala.

Camille McCutcheon, library, Spartanburg, "Family Ties: The Image of Big Daddy in Films about the South," Popular Culture Association in the South, Charlotte, N.C.

Leslie Sargent Jones and Doug Williams, Honors College, and Marlene Wilson, pharmacology, physiology, and neuroscience (medicine), "Integrating Undergraduates at a Research University Into Neuroscience: A Model for Primary Research by Student Teams," Society for Neuroscience, Orlando, Fla.

Ray Merlock, communications, Spartanburg, "A Little Bit of Happiness: The Romantic Comedies of Julia Roberts," Popular Culture Association in the South, Charlotte, N.C.

Joshua M. Gold, educational psychology, "An Invitation to Become Part of the Journal of

the First Year Experience and Students in Transition National Conference on Students in Transition," National Conference on Students in Transition, Pittsburgh, Pa., also, same conference, with M. Stuart Hunter and Barbara Tobolowsky, University 101, "Researching Student Transitions."

Warren Carson, English, Spartanburg, "Am I my brother's keeper? Fraternal Friction and Fratricide in the 'Hood,' a study of several black urban films from the 1990s," Symposium on Literature and Film, Morgantown, W.Va.

Kathryn A. Edwards, history, "Ghosts, Goblins, and the Council of Trent: The Counter Reformation and the Supernatural in the Early Modern Franch-Comté," Sixteenth Century Studies Conference, San Antonio, Texas, also, "Exile, Incorporation, and Excommunication in a Burgundian Revolt," International Medieval Congress, Leeds, England.

William B. Thesing, English, "CPT Matthew Webb's Heroism and Folly: From Merchant Marine Service, across the English Channel, to Niagara Falls," Victorians Institute Conference, Charleston.

Robert R. Weyeneth, history, "Coming to Terms with the Dark Past," Seminar for Historical Administration, Colonial Williamsburg, Va.
M.B. Ulmer, arts and sciences, Spartanburg, and Jonathan A. Trail, planning and institutional research, Spartanburg, "Project-Based Instruction in Mathematics for the Liberal Arts: Assessing Relationships of Pedagogical Styles and Student Learning Outcomes," Southern Association of Institutional Research, Baton Rouge, La.

■ **OTHER:** Ray Merlock, communications, Spartanburg, will serve on the advisory board for *The Journal Of American And Comparative Culture*.

Charles R. Mack, art, elected president of the Southeastern College Art Conference and recipient of the 2002 Outstanding Article Award from the Southeast Chapter of Architectural Historians.

Jane Nodine, fine arts, Spartanburg, exhibiting her "traces" exhibition in the Thompson Gallery of Furman University; also had work selected for "Photo-Based," the national competition sponsored by Woman Made Gallery in Chicago.

Vicki Thompson, systems librarian, Spartanburg, received the Clara Barton Volunteer Leadership Honor Award from the American Red Cross.

Lawrence Glickman, history, appeared on "Odyssey," Chicago Public Radio's nationally-syndicated program to discuss the return of "political history."

Faculty/Staff items include presentation 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: chron@egwm.sc.edu.

Lighter Times



Frank named ASHA fellow

Elaine Frank, an associate professor and chair of the Department of Communication Sciences and Disorders in the Arnold School of Public Health, has been elected a fellow in the American Speech-Language-Hearing Association (ASHA).

ASHA cited Frank's publication productivity, research support, teaching, and administrative impact as the basis for the award. The award also honored Frank's leadership as department chair.

To be named a fellow, nominees must have made outstanding contributions to the discipline of

communication sciences and disorders. Election to fellowship is one of ASHA's highest honors.

ASHA is the professional, scientific, and credentialing association for more than 101,000 speech-language pathologists, audiologists, and speech, language, and hearing scientists in the



Frank

United States and internationally.

The mission of ASHA is to promote the interests of and provide the highest quality services for professionals in speech-language pathology, audiology, and speech and hearing science, and to advocate for people with communication disabilities.

The Department of Communication Sciences and Disorders' graduate program provides educational opportunities to students in a full-time, on-campus program and through a distance education program available across South Carolina, in several other states, and in the U.S. Virgin Islands. The doctoral program has a leading research focus and is one of the largest in the United States.

The department's Speech and Hearing Center served more than 5,000 rehabilitation clients from throughout South Carolina and the region this year. The center is a state and national resource for clinical outreach through its children's language program, stroke rehabilitation program, and cochlear implant team.

USC delegation visits alumni in Korea, Taiwan

A USC delegation led by former ambassador to Korea Richard L. Walker, government and international studies, recently visited Seoul, Korea, and Taipei, Taiwan.

The group included Joan Stewart, dean of the College of Liberal Arts; Roger Coate, director of the Walker Institute for International Studies; James Myers, emeritus professor of government and international studies; Ken Shin, professor of sociology; and John Hsieh, director of the Center for Asian Studies.

The delegation discussed possible cooperative initiatives with government ministers, ambassadors, and former ambassadors, as well as with officials of industry and education.

■ **ALUMNI UNIVERSITY SETS REVOLUTIONARY WAR PROGRAM:** The Carolina Alumni Association's 2003 edition of Alumni University June 12-14 will feature a two-day presentation on the Revolutionary War in South Carolina by history professor Walter Edgar. Edgar is author of 2001's *Partisans and Redcoats*, a book about the Revolutionary War in the Palmetto State. On the first day, Edgar will talk about the birth of freedom in the South Carolina backcountry. On the second day, he will lead a daylong field trip to Historic Brattonsville and King's Mountain National Military Park in the Upstate. Other topics for the annual continuing education program, which showcases USC faculty, will be announced later. For more information about Alumni University, call the Alumni Association at 7-4111 or 800-476-8752.

■ **BUSINESSES RECEIVE AWARDS FOR EXCELLENCE IN POLLUTION PREVENTION:** Four South Carolina manufacturers recently received 2002 Governor's Pollution Prevention Awards, which recognize private and public organizations that have demonstrated a commitment to protecting South Carolina's environment through innovative pollution-prevention efforts. Wellman Inc. Palmetto Plant, Rockwell Automation Gear Plant, and Dei-Tec Corporation received the awards at the 11th-annual S.C. Environmental Symposium. Draexlmaier Automotive of America received an honorable mention. USC's Institute for Public Service and Policy Research coordinates the awards program. The institute supports research, education, and other activities that contribute to the reduction of hazardous waste generated, treated, stored, and disposed of in South Carolina.

■ **USC MARINE BIOLOGIST'S RESEARCH PUBLISHED IN SCIENCE:** Brian Helmuth, biological sciences, is the lead author on a study in the Nov. 1 issue of *Science* that examines how and where scientists should look for the effects of climate change on natural ecosystems. The study focuses on the potential of marine intertidal organisms—animals that live between the regions of high and low tide on the world's coastlines—to be a model for quantifying the impact of global climate change. By examining how to estimate the body temperatures of these organisms in nature, the study is a departure from traditional studies, which have used patterns in air and water temperatures to predict patterns of thermal stress in nature. "By studying the actual temperature of intertidal organisms, we get very different information than we would if we just measured air or water temperature," Helmuth said. "Our research suggests that impact of climate on intertidal communities can't be predicted solely by air or water temperature." Funded by the National Science Foundation and *National Geographic*, the study was done in collaboration with scientists at the University of Washington, Stanford University, Oregon State University, and the University of California at Santa Barbara.

"One of the single most important factors in avoiding frailty and enjoying quality of life in the final years is having adequate muscle mass."

—James Carson

Exercise science prof studies aches and pains of aging muscle

BY CHRIS HORN

How do you take care of muscle stiffness and soreness a day or two after vigorous exercise? The no-brainer answer is to reach for a bottle of aspirin.

A more scientifically informed response might be to take nothing at all—and let nature run its course.

"There's a growing body of scientific literature that suggests there is only short-term gain from taking an anti-inflammatory pain killer," said James Carson, a USC exercise science faculty member. "You feel better, but in the long term, that pain killer might be short-circuiting the natural healing process that your muscles undergo when they're sore."

Carson is studying the role of inflammation in aging skeletal muscle in a project sponsored by the National Institutes of Health as part of USC's Biomedical Research Infrastructure Network. He's teaming up with Larry Lowe, professor and chair of biological and physical sciences at Benedict College and Carson's academic mentor on the project.

"We're looking at the role of the inflammatory response in skeletal muscle and how it gets modified for the aging process," Carson said.

When a muscle is overexerted, micro-tears in the muscle fibers activate resident immune cells, which act to heal the muscle but also cause delayed onset muscle soreness.

"Anti-inflammatory drugs can block the inflammation process, which decreases muscle soreness but interrupts the healing process," Carson said.

Carson also is interested in studying the effects of some anti-cholesterol drugs whose side effects often include muscle soreness.

For adults older than 40, maintaining muscle mass becomes an uphill struggle against inactivity and the genetic tendency of aging muscles to shrink. Merely maintaining muscle mass after age 40 requires routine exercise; building muscle mass in later years means vigorous strength training.

"The problem is, aging muscle tends



MICHAEL BROWN

James Carson in his P.E. Center lab.

to require a longer period of time to heal; so, you might not be able to exercise as frequently as a younger person," Carson said. "It might be that exercise programs for older adults should be designed around strength building or resistance training once or twice a week instead of three or four times a week."

Normal physical activity, such as walking, yard work, or light jogging, is recommended for every day. Once conditioned to regular exercise, muscles—even aging ones—become more resistant to the micro-tears that cause muscle soreness.

"There are lots of exercise campaigns for senior adults, and that's great; but people should really be working on maintaining and building muscle mass in their 30s and 40s," Carson said. "One of the single most important factors in avoiding frailty and enjoying quality of life in the final years is having adequate muscle mass."

"Maintaining and improving muscle mass should be an important health-related fitness goal of all older individuals and goes hand-in-hand with having the capability to perform physical activity that translates to good cardiovascular health."

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Senator's biography illustrates narrowing of political spectrum

BY MARSHALL SWANSON

Imagine a U.S. senator getting up on the floor of the Senate to proclaim that a national referendum should be conducted before the United States could enter a war.

Imagine a senator saying that the rich have too much and the poor have too little or that the government should use the tax system to redistribute wealth.

And, in what is perhaps most unimaginable today, imagine a senator saying that no senator should be allowed to spend more than \$20,000 to campaign for office.

"When we hear stuff like that today, people think anybody who would say something like that would be a nut, so far off the political spectrum he's weird," said Patrick J. Maney, professor and chair of the Department of History.

But, Maney continued, the person who held these views was one of the most admired politicians of his time, not only by the left but also by the right. Richard Nixon paid his respects as a newly elected Congressman, and President Harry Truman wanted to find a position for him in his administration.

The senator was Robert M. La Follette Jr., a Republican and then Progressive Party member from Wisconsin who is the subject of *Young Bob*, a biography by Maney, which has just been reprinted by the Wisconsin Historical Society Press. The book includes a new introduction in commemoration of the 50th anniversary of La Follette's death.

The senator, thought by many observers to be one of America's most interesting and important political figures, served from 1925 to 1946, when he was defeated for re-election by Joseph McCarthy. He committed suicide in 1953 at age 58.

After his death, admiring novelists memorialized him in literature. He served as a model for the tragic main character in Alan Drury's classic Washington novel, *Advise and Consent*, and John Dos Passos wrote movingly of him in *Midpassage*.

His life is relevant to today's readers for several reasons. Chiefly, his career stands as dramatic evidence of how much the political spectrum of the United States has narrowed in the last half century, Maney said.



Critics in the *Washington Post*, *New York Review of Books*, and other publications praised the book, first published in 1978, for its "warts and all" approach to La Follette. "When I wrote the book, La Follette was still an unusual figure, but there was more dissent in American politics than there is today, and more forthrightness," Maney said. "His qualities are now almost non-existent."

For example, after McCarthy defeated La Follette, a couple of large corporations hired him as a lobbyist because he was so well respected in Washington. La Follette agreed to provide advice on legislation, but he didn't want to go to Capitol Hill because he thought it would be wrong to trade on his familiarity with lawmakers.

"There was no law that said he couldn't do it," Maney said. "He just didn't think it was right. Try finding somebody today who would turn down huge amounts of money because of that."

Maney thinks of La Follette as "McCarthy's first victim." McCarthy not only defeated him for re-election in 1946 but possibly played a role in his death. Maney discovered that, in the days leading up to his suicide, La Follette feared that McCarthy was planning to summon him to testify before his committee looking into Communist infiltration in the United States.

"Though La Follette was blameless, his role chairing a well-publicized Congressional committee in the 1930s investigating violations of the rights of labor to organize concerned him," Maney said. "He had later found out the committee had indeed been infiltrated by Communists."

The story of La Follette and McCarthy, "two of Wisconsin's most famous senators," is ironic, Maney said, in that one of the worst U.S. senators in history defeated one of the best. La Follette also was one of the most prominent and outspoken anti-Communists of his day.

"Even if people don't remember La Follette," Maney said, "they remember McCarthy, who got into the Senate by beating La Follette. It's a tragic and interesting story."

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Maney