



August 22, 2005

Volume 30

Issue 3

Engineering professor gets NSF award

A Mississippi State chemical engineering professor is receiving \$400,000 over five years as a recipient of the National Science Foundation's most prestigious award for junior faculty members nationwide.

Dr. Priscilla Hill, an assistant professor in the Dave C. Swalm School of Chemical Engineering, has won a 2005 NSF Faculty Early Career Development Award to support her research and education in the field of particle technology.

NSF funds about 11,000 grants per year totaling more than \$5 billion. The CAREER awards program funds 300-400 awards annually for a total of approximately \$83 million. In the CAREER program, each grant or award goes to a single researcher.

Hill, who will receive \$400,000 over a five-year period, is the first member of MSU's chemical engineering faculty to receive the major honor. She received the honor for her research on "A Multi-scale Approach to Particle Breakage in Stirred Vessels and Its Integration into Education."

Game Day Web site opens

Launched Monday [Aug. 22], a comprehensive computer-based program is informing university football fans and others about the many campus activities scheduled during fall home-game weekends.

The MSU Game Day Web site—www.gameday.msstate.edu/—is designed to be a "one-stop directory of activities" that includes hours of operation, contact persons and other key information. Where available, a link will be provided for activities with separate Web addresses.

"Even with a late inaugural launch last

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With the recent opening of the new Bully Boulevard, travelers to campus from the Spring Street/State Highway 12 and 25 intersection may once again reach central campus. Vehicles follow the original route from the intersection, then veer right along a just-opened roadway passing east of Sorority Row and connect with Stone Boulevard near Thompson Hall. Bully Boulevard originally ended at the Five Points intersection, which earlier in the summer joined Old Main residence hall in the annals of MSU lore.

New hours, services set for Sanderson

The Department of Recreational Sports is changing programs, services and hours in response to the results of a recent online survey of staff and faculty about the Joe Frank Sanderson Center.

According to Laura Walling, recreational sports director, "the results indicated that employees want to see the facility open earlier during the week and on weekends, to be open longer during intercessions and holidays, and to provide programs that address the unique needs of staff members."

Beginning last week (Aug. 18), the Sanderson Center's new hours of operation were changed to the following:

- Regular term—5:30 a.m.-11 p.m., Monday-Friday; 9 a.m.-9 p.m., Saturdays; and noon-11 p.m., Sundays.
- Intercession periods and academic breaks—5:30 a.m.-9 p.m., Monday-Friday; 9 a.m.-9 p.m., Saturdays; noon-9 p.m., Sundays.
- Holidays (will vary according to holiday): noon-11 p.m., daily.

"The new operating schedule will add more than 900 hours of operation to the center during the upcoming academic year," Walling said.

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Martin receives top honor

A Mississippi State professor is a new Fellow of the American Society of Civil Engineers, considered one of the profession's most esteemed honors.

Dr. James L. Martin, holder of the university's Kelly Gene Cook Sr. Chair (endowed professorship) in Civil Engineering and an MSU faculty member since 2001, becomes one of four faculty members from his department to achieve fellow status within their respective professional societies.

Martin also will be inducted into the college's Academy of Fellows in February

2006. Martin's name and year of appointment as a fellow of his professional society will be recorded on a plaque located outside the dean's suite in McCain Hall.

An ASCE member since 1985, Martin received a bachelor's degree in wildlife science from Texas A&M University in 1970, a master's in biology/marine biology from Southwest Texas State University in 1976 and a bachelor's in civil engineering from Texas A&M in 1981. He earned a doctorate in civil/environmental engineering from TAMU in 1984.

Jackson native new head of Army ROTC

Lt. Col. Marcus D. Majure, a Jackson native and 18-year veteran Army officer, is the new head of the military science department.

A master aviator and former attack/scout helicopter pilot with the 101st Airborne Division, Majure succeeded Lt. Col. Mark McManigal as professor of military science and head of MSU's Army ROTC program July 5. McManigal was reassigned after three years in the post.

"I am very excited to have the opportunity to return to my home state, surrounded by my family and friends," said the new ROTC leader, a 1982 graduate of Forest Hill High School.

Majure was commissioned as an Army aviation second lieutenant in 1987 after graduating with honors from Delta State

University with a degree in commercial aviation. Also a Distinguished Military Graduate of the DSU Army Reserve Officer's Training Corps, he later served in the 101st Airborne Division 1988-92.

He earned a master's degree in human relations administration from Central Michigan University in 2002, and subsequently served as an assistant professor in logistics and resource operations for the U.S. Army Command and General Staff College.



Majure

New program helps streamline departments

The Department of Human Resources Management has become a hands-on learning lab for Six Sigma program participants by guiding its development while deploying the methodology on campus.

The Six Sigma Certificate Program teaches students how to blend problem-solving and quality-control techniques into the practice of their profession. The Bagley College of Engineering received more than \$500,000 from the 3M Co. earlier this year to establish the program, designed to provide students with industry's latest customer satisfaction training through quality control. St. Paul, Minn.-based 3M introduced the business process methodology more than three years ago to help the company achieve excellence in all of its business processes.

The diversified technology company praises Six Sigma for bringing "a systematic, root-cause analysis to problem-solving with a common language our people use on a global basis."

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New programs and services include: a staff-only step aerobics class weekdays at 5:45 a.m.; two lockers for the price of one; and a faculty and staff league in intramural softball and volleyball. Deadline for registering for softball is Tuesday, August 30, at 6 p.m. and Wednesday, October 26, for registering for volleyball.

A circuit fitness area on the second floor adjacent to the track soon will be added. The circuit will consist of a variety of fitness machines that target the body's major muscle groups.

And, coming soon, a limited number of full-length lockers will be added to the men's and women's locker rooms. Pre-register for one in the Member Services Office.

The improvements will require a slight increase in membership fees, the first since the Sanderson Center opened in June 1998. The increase amounts to \$2.50 per month and follows, effective Sept. 1: faculty and staff—\$25 a month, \$85 per semester and \$255 annually; sponsored guest rates' \$25, \$75 and \$225; Early Birds' \$65 a semester and \$195 a year. Early Bird members' usage of the Sanderson Center is restricted to 5:30-11 a.m., Monday-Friday, with usage allowed any time during weekends and holidays.

Special memberships will continue to be offered, including Pay-to-Play for \$60 (20 visits per card) which does not expire and is designed for those whose jobs take them off campus frequently.

For more information, contact the Department of Recreational Sports at 325-PLAY or visit the Web at www.recsports.msstate.edu.

Memo is published for the faculty and staff of Mississippi State University by the Office of

Mississippi State
UNIVERSITY

University Relations. It is published weekly during the fall and spring

semesters and twice a month during the summer. It also is available on the Web at msuinfo.ur.msstate.edu/msu_memo/. Editorial material should be sent to Kay Fike Jones, Mail Stop 9512, or via e-mail to jonesk@ur.msstate.edu



recycled paper



Campus moving toward capital campaign goals

Mississippi State continues its successful efforts in the area of private support by surpassing \$51 million in total funds raised during the just-concluded fiscal year, for the third-highest total ever posted by the MSU Foundation.

The successful giving year also indicates continued success for the university's ongoing *State of the Future* campaign. Campaign counting that began July 1, 2001, has reached more than \$243 million toward an announced goal of \$400 million by December 2008.

"The success of *State of the Future* indicates that we are willing to help ourselves as an institution by pursuing far-reaching goals," said Dennis Prescott, vice president for external affairs. "It also shows the confidence that alumni and friends are continuing to place in Mississippi State," he added.

Two of the top three years in private gifts and pledges for MSU have occurred during the campaign: fiscal year 2002 with \$74.3 million and the just ended fiscal year 2005.

The chart at right reflects total campaign commitments by unit through June 30 as these units move toward their target goals for *State of the Future*. Campaign goals were set by vice presidents, deans and department heads based on projected funds needed for their units over the life of the campaign.

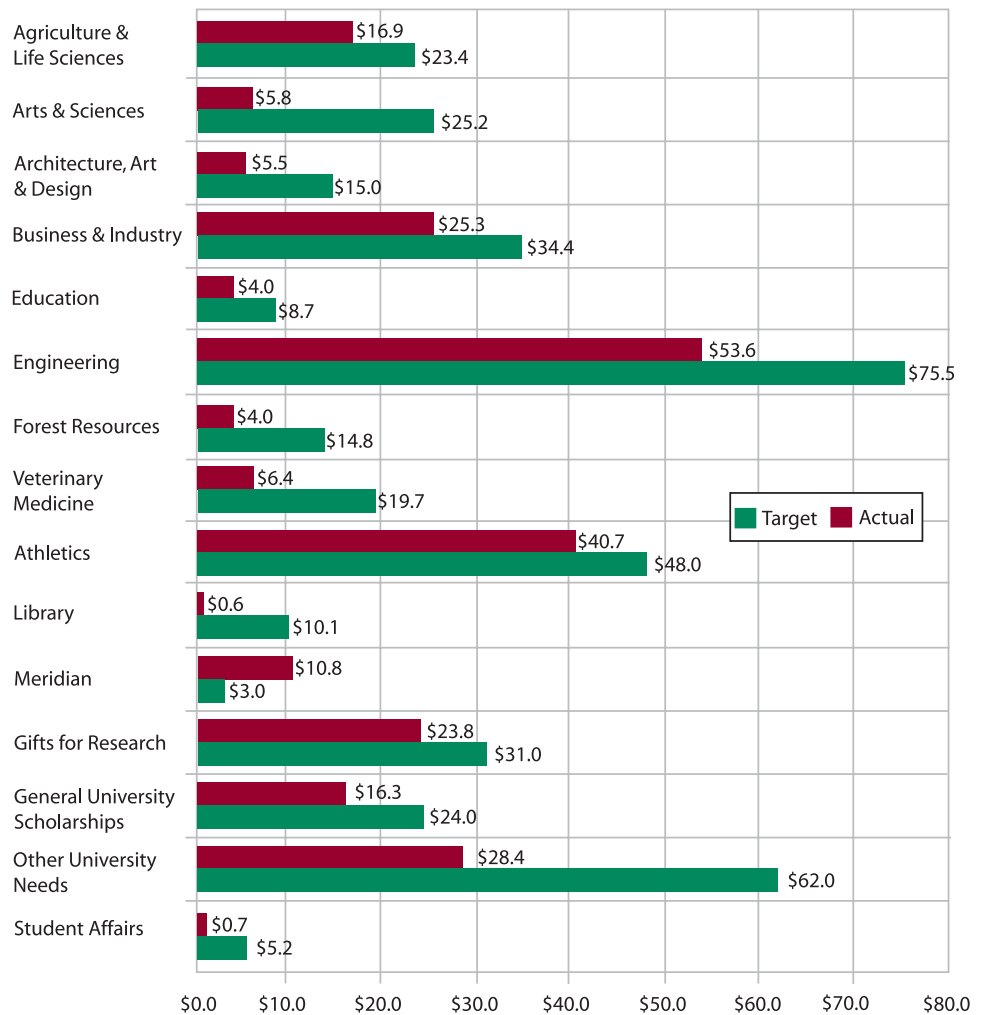
"Nearly 100 percent of the private funds raised for these units were designated by the donors," said Prescott. "Only those commitments designated unrestricted can be used in other areas," he added.

Mississippi State also is experiencing growth in its endowment. Currently, the university's endowment stands at more than \$210 million, up from \$171 million at the close of FY04.

The combination of current gifts immediately available and income produced from previously existing endowments translated into a record amount—more than \$22 million—made available for immediate use to beneficiaries across the

university community during the past fiscal year.

For more information on the *State of the Future* campaign, visit www.msufoundation.com or contact Prescott at dprescott@exaffairs.msstate.edu.



Six Sigma—continued from page 2

The engineering college and HRM recently worked to improve the system affecting critical paperwork for newly hired and existing employees by using the Six Sigma method. In this case, proper routing of paperwork coming in to HRM is critical to ensuring employees are paid on time and correctly.

Process improvements implemented so far include developing standard operating procedures and newly designed training programs for departments. To measure success, the team will collect new data and use updated statistical reports to determine if the new process is making a difference. Cross-functional teams in HRM will continue to work on internal processes with additional projects chartered.

Currently, Six Sigma Director Larry Dalton is working on projects involving the Division of Finance and Administration.

For information on participating in the program, telephone Dalton at 325-3865.



Calendar of Events

Send your calendar items to

Kay Fike Jones, 102 George Hall; Mail Stop 9512; FAX 325-7455; e-mail jonesk@ur.msstate.edu at least **TWO WEEKS** in advance. For updates, check www.msstate.edu and click on "Calendar of Events."

To list calendar events online, access www.ur.msstate.edu/news/today.asp and follow the instructions.

August 22-26

Beyondthewall.com print and poster sale, Colvard Union lobby, 9 a.m.-5 p.m. 325-2930.

24 and 25

ITS workshop: "BANNER: Invoice Processing" (two days), 10 McArthur Hall, 8:30 a.m. 325-0631.

24

Workshop: "How to Use Your Library!" ELI Electronic Classroom, Mitchell Memorial Library, 11 a.m. 325-3834.

25

Workshop: "How to Use Your Library!" ELI Electronic Classroom, Mitchell Memorial Library, 1 p.m. 325-3834.

26

MSU vs. Iowa State, women's soccer, MSU Soccer Field, 7 p.m.

28

MSU vs. Samford, women's soccer, MSU Soccer Field, 1 p.m.

29

Workshop: "How to Use Your Library!"



ELI Electronic Classroom, Mitchell Memorial Library, 4 p.m. 325-3834.

30

ITS workshop: "BANNER: Electronic Approvals," 10 McArthur Hall, 10 a.m. 325-0631.

Open Mic Night, Colvard Union Dawg House, 7 p.m. 325-2930.

September 2

Workshop: "How to Use Your Library!" ELI Electronic Classroom, Mitchell Memorial Library, 10 a.m. 325-3834.

3

Groundbreaking for Bryce Griffis Residence Hall (and University Honors Program offices) and dedication of Roy Ruby Residence Hall. Ceremonies adjacent to Ruby Hall, 11 a.m. 325-3557.

MSU vs. Murray State football game, Scott Field, 6 p.m.

5

University closed for Labor Day.

6

Workshop: "Crafting the winning Curriculum Vita," ELI Electronic Classroom, Mitchell Memorial Library, 9 a.m. 325-0810.

New outdoor adventure center opens

Outdoor Adventures, a new outdoor recreation service provided by the Department of Recreational Sports, offers participants a chance to enjoy the great outdoors.

Trained and experienced trip leaders with Outdoor Adventures will plan and oversee a variety of trips each semester, including those organized solely for faculty and staff members. The adventures range from white water rafting to mountain hiking to biking.

To hone those skills, recreational sports is offering several opportunities each semester for would-be adventurers to learn the finer points of outdoor recreation. To learn more about clinic topics and dates, check the recreational sports Web site at www.recsports.msstate.edu.

The department also rents outdoor gear for those who wish to plan their own excursions. Backpacks, sleeping bags, tents, and other types of gear are available.

The Outdoor Adventures Center is located in the Joe Frank Sanderson Center, across from the climbing wall. Visit www.recsports.msstate.edu/outdoors or telephone 325-8964 for more information.

Game day—continued from page 1

fall, this site received more than 70,000 'hits,'" said Jimmy Abraham, executive director of the MSU Alumni Association. "This year, the site will be live two weeks prior to our first home game against Murray State University on Sept. 3."

Abraham, who also is associate vice president for external affairs, said the varied weekend activities "are designed both to enhance the game-day experience and give Mississippi State the opportunity to showcase our many offerings and proud accomplishments.

"The thousands who will be coming to support Coach Sylvester Croom and our Bulldog team should now be better able to interact with the institution and with each other," he added. "We also believe this site will benefit the visiting team's supporters."

University units recently received instructions on how to place their information on the Web site.

"It only takes a few minutes to complete the form," Abraham said. "We are encouraging everyone to begin submitting their information as soon as possible, and to help keep the Web site as up-to-date as possible throughout the six-game home season."

Only on-campus entities may contribute.

Mississippi State University complies with all applicable laws regarding affirmative action and equal opportunity in all its activities and programs and does not discriminate against anyone protected by law because of age, color, disability, national origin, race, religion, sex, handicap, or status as a veteran or disabled veteran.