

to the faculty and staff of Mississippi State University

## NASA boosts remote sensing funds

The National Aeronautics and Space Administration is increasing to \$25 million its investment in remote sensing research at Mississippi State.

Rep. Chip Pickering (R-Miss.) announced Saturday during Homecoming activities that NASA will provide an additional \$15 million over three years for remote sensing research. The space agency last year committed \$10 million to a new Remote Sensing Technologies Center at MSU.

Remote sensing uses satellites or airplanes for collecting images that reveal features not apparent to the naked eye. Data derived from the images can help map forests, detect pollution, analyze crops, or be used to make decisions about transportation corridors.

The Remote Sensing Technologies Center focuses on agriculture, transportation, and forestry and wildlife. Its work complements NASA's Commercial Remote Sensing Program at the John C. Stennis Space Center in Hancock County, as well as the state's Mississippi Space Commerce Initiative, Pickering said.

"Mississippi is becoming a center of excellence in this emerging technology and its applications to industry and to resource management," Pickering said.

"The Remote Sensing Technologies Center at Mississippi State will expand both its research projects and its transfer of the technology to the end users."

MSU President Malcolm Portera said the new NASA investment will expand a program that is establishing innovative approaches to agribusiness, conservation and transportation planning.

"Research under way at Mississippi State has involved nearly 70 faculty members in projects ranging from satellite-prediction of crop yields to detecting insect infestations in forests," Portera said.

"The technology has tremendous potential to enhance economic and environmental well-being and to create new market opportunities for Mississippi."

The university's Remote Sensing

Technologies Center supports NASA's larger effort to enhance U.S. economic competitiveness and NASA's earth science program, said Roy Estess, director of the

*Continued on page 7*

## MSU once again a 'best buy'

For the fourth consecutive year, Mississippi State is among "America's 100 Best College Buys."

The fourth annual report published by Institutional Research & Evaluation Inc. of Rome, Ga., identifies what it calls "the 100 American colleges and universities that provide students the highest quality education at the lowest cost."

IR&E is an independent research

consulting organization specializing in the recruiting and retention of college students. The latest edition of "America's 100 Best College Buys" is based on a survey of 1,537 accredited four-year colleges and universities.

College costs, financial aid availability, and students' entrance test scores are considered in compiling the list of 100

*Continued on page 8*



*The Scott Field scoreboard tells the story after Mississippi State downed visiting LSU 17-16 Oct. 23 to remain undefeated and improve to 7-0 and 4-0 in the Southeastern Conference for the first time in school history. The Bulldogs next play the University of Kentucky here on Nov. 4 at 7 p.m.*

# Military, MSU join to manage ecosystems

Can tanks and turtles coexist in peace? Jeanne Jones believes they can, and she's proving it.

Since 1987, the assistant professor of wildlife and fisheries at Mississippi State and graduate students under her direction have worked with the Mississippi Army National Guard to prepare and put into use long-range ecosystem management plans.

Jones' initial work was at Camp Shelby, the National Guard's sprawling 136,000-acre facility near Hattiesburg used for tank, artillery and other training.

"More than 80,000 people train at Camp Shelby during the summer and the tanks and other vehicles used in that training tear up a lot of ground," she said. "Come August, they have a lot of bare ground to reclaim."

Erosion control is a primary focus of the Mississippi State effort on the base, but Jones and her students also have enhanced the wildlife habitat at the military training facilities.

"We were initially contacted about helping with erosion control plantings," she said. "We put in extensive field testing plots with various plantings, including wildlife food plants such as clovers, ryegrass and vetch."

As a result of the research, seed mixtures of white and crimson clover, hairy vetch and ryegrass are being used in the training areas. In addition to providing erosion control, the plantings enhance the habitat for rabbits, deer, wild turkey, and other wildlife.

Working with the U.S. Forest Service, the private Nature Conservancy and other cooperators, Jones and her students also have established an ecosystem management plan at Camp Shelby that is helping restore and protect pitcher-plant wetlands, longleaf pine forests and innumerable streams. All are habitats for protected plants and animals.

"Currently, there are 77 state or federally protected plants and animals that call Camp Shelby home, including the gopher tortoise," Jones said. "One interesting thing we have found is that the frequent fires associated with the camp's artillery firing improve the habitat for some species, including gopher tortoises and pitcher plants."

A bonus of the work for Mississippi's hunters is the improved habitat for deer, wild turkey and other game birds and animals in the buffer zones that separate the training areas from the surrounding countryside.

In addition to Camp Shelby, Jones said the MSU team has developed erosion control, wildlife habitat management and ecosystem management plans at Camp McCain, the National Guard's 13,000-acre training site near Grenada.

The university's involvement has helped the military accomplish its training mission while protecting the environment, according to Lt. Col. Robert Piazza of National Guard headquarters in Jackson.

"Our main objective is to train troops, but we also have to manage natural resources and be good stewards of the land," he said. "That's what we're trying to do through the work with MSU."

The success of the work by MSU scientists has prompted requests for assistance from other military facilities. One of the latest is U.S. Army's Redstone Arsenal in Huntsville, Ala.

"The Redstone project began in 1998," Jones said. "The military reservation

contains almost 38,000 acres and is home to a high diversity of waterfowl, mammals and non-game birds in bottomland hardwood forests and forested wetlands."

Another recent addition to the military ecosystem project is the almost 10,000 acres at the Meridian Naval Air Station.

The Navy has had a conservation plan in effect for several years, but there was no indication of just how successful the conservation effort was until last year when MSU doctoral student Jimmy Taylor of Amory conducted an inventory of the various species.

"He found a tremendous variety of small mammals, reptiles and amphibians, especially in the base's wetland areas," Jones said. "One of the most exciting finds at Meridian is the breeding colonies of several salamander species. The Navy has been doing a good job of protecting the environment at the Meridian base, but they didn't know how good a job they were doing until we conducted these surveys."

Current projects are expected to continue for several years, with the MSU scientists continuing to seek a balance between ecosystem management and effective military training operations.

## Special project awards presented to ag

Nearly \$11,000 recently was awarded to the Division of Agriculture, Forestry and Veterinary Medicine for research, teaching and extension activities.

The William M. White Special Project Awards are presented on behalf of the late William M. White, an Oktibbeha County dairy farmer, agricultural leader and university supporter. The endowment fund provides financial support for projects that further the development of agriculture and agribusiness in Mississippi.

This year's recipients, the amount of the award and their research include:

- Kent Cushman of the North Mississippi Research Extension Center and Juan Silva of Food Science and Technology, \$2,000, "Vegetable Crops Irrigated with Swine Effluent: Examining the Potential for Contamination by Human Pathogens";

- Scott T. Willard of Animal and Dairy Sciences, \$2,000, "Evaluation and Serum Profiling of the Early Conception Factor 'Cow-side' Test for Use in Dairy Cattle";

- Charlotte B. Oakley and Sylvia H. Byrd of the School of Human Sciences, \$2,000, "Planning for Variety: Fruits and Vegetables in Child Care Menus";

- Peter W.K. Ma of Entomology and Plant Pathology, \$2,000, "Insect Neuropeptide Gene for Expression in Baculovirus Vectors."

- Sheri L. Lokken and Julianne Trautmann of the School of Human Sciences, \$2,000, "Impact of Technology on Rural Consumer Access to Food and Fiber Products"; and

- Alfred Rankins Jr., Daniel B. Reynolds and John D. Byrd of Plant and Soil Sciences, \$814, "Renovation and Maintenance of a Weed Nursery for Student and Extension Agent Training."

# Enrollment Statistics

## Fall 1998 and Fall 1999

	Fall 1998	Fall 1999
<b>Total enrollment</b>	15,718	16,076
Full-time	12,566	12,853
Part-time	3,152	3,223
<b>Freshmen</b>	1,870 (27% of IHL)	1,986 (29% of IHL)
<b>Freshmen with 28+ ACT</b>	429 (42% of IHL)	414 (46% of IHL)
<b>Male enrollment</b>	8,598 (55%)	8,714 (54%)
<b>Female enrollment</b>	7,120 (45%)	7,362 (46%)
<b>By ethnicity</b>		
African-American	2,509 (16%)	2,724 (17%)
Hispanic	112 (0.7%)	132 (0.8%)
Asian	184 (1.2%)	170 (1.1%)
Native American	81 (0.5%)	87 (0.5%)
White	12,126 (77%)	12,202 (75.9%)
International students	706 (4.5%)	761 (4.7%)
<b>By residence</b>		
Mississippi residents	12,056 (77%)	12,136 (75%)
Other U.S. residents	2,956 (18%)	3,179 (20%)
International students	706 (5%)	761 (5%)
<b>Average age</b>	25	24
<b>By location</b>		
Starkville	14,894	15,270
Meridian	737	710
Stennis Space Center	18	44
Vicksburg	69	52
<b>By college or school</b>		
Agriculture and Life Sciences	1,599 (10.2%)	1,611 (10%)
Architecture	261 (1.7%)	298 (1.9%)
Arts and Sciences	4,495 (28.6%)	4,494 (28%)
Business and Industry	2,689 (17.1%)	2,821 (17.5%)
Education	2,783 (17.7%)	2,902 (18%)
Engineering	2,586 (16.5%)	2,679 (16.7%)
Forest Resources	498 (3.2%)	450 (2.8%)
Veterinary Medicine	221 (1.4%)	236 (1.5%)
Other (unclassified/non-degree)	586 (3.7%)	585 (3.6%)
<b>MSU Average ACT score</b>	23.51	23.31
UM	23.45	23.30
USM	21.77	21.60
MUW	23.65	21.30

## 'Tell your story' at Nov. 8 MSU reading confab

Sports, technology, poetry, and social studies will come together Nov. 8 at the 1999 Mississippi State Reading Conference.

With the theme "Telling Your Story," the annual program is expected to draw some 500 teachers, librarians, teaching assistants, tutors, and interested community members from around the state. The purpose is to update participants on the latest instructional materials and classroom techniques for motivating young readers.

The 8 a.m.-4 p.m. program in the Coskrey Auditorium of Memorial Hall is sponsored by the Department of Curriculum and Instruction and the College of Education's Student Reading Council.

Keynote speaker for the 8 a.m. opening session is Gloria C. Correro, MSU professor emeritus of education. One of the state's leading authorities on kindergarten and early childhood education, the Greenwood native helped lead efforts in the late 1970s to provide a public kindergarten program in Mississippi.

Before retiring in June, she was associate dean of education at her alma mater. She continues to serve on the National Reading Panel and is active in research establishing policy for reading practice.

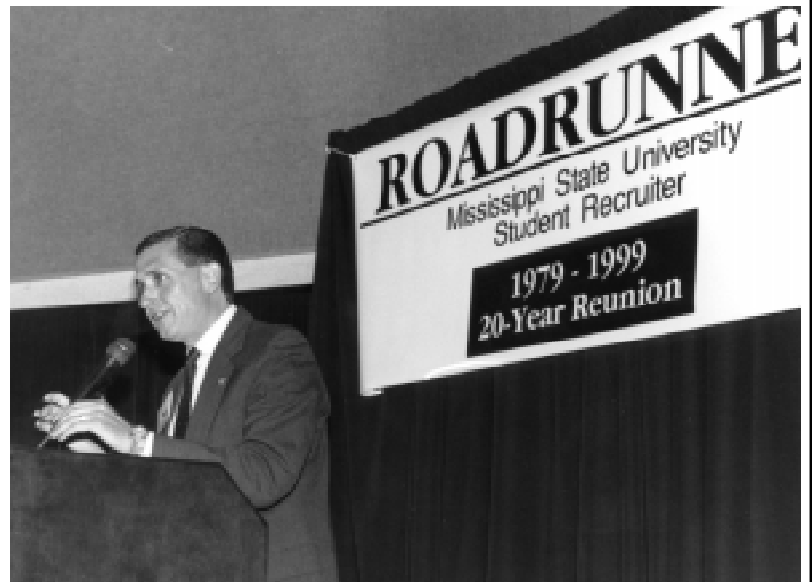
Conference topics include storytelling with nonfiction, using sports literature to engage young readers, reading and diversity, and technology as a writing tool, among others.

For more information, telephone Diane C. Greene at 325-7125. Her e-mail address is <diane@ra.msstate.edu>.

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Editor— Kay Fike Jones



*Highlights of Homecoming 1999 include (clockwise from above): Homecoming Queen Lindsey B. Power of Jackson is escorted by her father Mark during halftime coronation ceremonies; Alumni Delegates spend the afternoon doing a little artwork on the Bulldogs' younger fans; and Dr. Jimmy Abraham, director of enrollment services, welcomes some 650 former Roadrunners and their families to the student recruiters' 20-year reunion.*

## Mechanical engineers' report earns top award

Traditional methods of manufacturing airplane structures, fan blades and other constructions requiring thin-sectioned aluminum components can be mechanically unstable, tedious and expensive.

A Mississippi State mechanical engineering team now proposes a better method: high-speed machining. Recommendations presented in a report by assistant professor Emmanuel I. Agba received first-place honors recently at an international meeting in Cincinnati, Ohio.

High-speed machining uses cutting speeds of up to 1,500 feet per minute, potentially shortening machining time

and increasing productivity. Agba said research experiments at MSU concluded that high-speed rates were effective and could ensure high quality and shorter manufacturing times, among other advantages.

Agba, who holds a doctorate from Florida Atlantic University, has extensive experience in design and manufacture, especially in the automotive and plastics industries. His research areas include computer-aided design and manufacturing, high-speed machining, robotics, and composite materials.

The innovative proposal was presented at an Oct. 4-7 conference on machining

and grinding sponsored by the Machining Technology Association of the Society of Manufacturing Engineers.

Joining Agba in co-authoring the research report were mechanical engineering professor John T. Berry and graduate student David M. Ishee of Raymond.

Headquartered in Dearborn, Mich., the Society of Manufacturing Engineers is an international professional society of more than 600,000 members in 70 countries. Its Manufacturing Technology Association focuses on technical developments, processes and applications that affect industry.



# Employment Opportunities

The following vacancies are subject to change on a daily basis.  
Mississippi State University is an Equal  
Opportunity/Affirmative Action Employer.

<[www.msstate.edu/dept/business\\_affairs/hrm/employment/postings.html](http://www.msstate.edu/dept/business_affairs/hrm/employment/postings.html)>

## Executive, Administrative and Managerial

- Curriculum and Instruction, Department Head/Professor
- Dean of Students, Assistant Dean
- Dining Services, Director
- Education/Music Education, Department Head/Professor
- Mathematics and Statistics, Department Head/Professor
- Music Education, Department Head, Associate/Professor (Search Extended)
- Office of the Provost, Dean/Director/Professor - College of Forest Resources and Forest and Wildlife Res. Ctr.
- Registrars Office, University Registrar
- Remote Sensing Technologies Center, Chief Technologist
- School of Accountancy, Director/Professor
- Technology and Education, Department Head/Professor
- Wildlife and Fisheries, Department Head
- Meridian Campus, Associate Dean/Assistant/Associate/Professor
- Meridian Campus, Division of Arts and Sciences Chair/Associate Professor

## Faculty

- Aerospace Engineering, Assistant/Associate Professor (2 positions)
- Aerospace Engineering, Lecturer (Pool)
- Agricultural Economics, Assistant Professor/Assistant Economist
- Agricultural Economics, Assistant Specialist/Assistant Professor
- Agricultural Economics, Assistant Specialist
- Agricultural Information Science and Education, Assistant/Associate Professor
- Animal and Dairy Sciences, Equine Science (2 positions)

- Animal and Dairy Sciences, Assistant/Associate Specialist
- Art, Assistant/Associate Professor (Foundation)
- Art, Assistant/Associate Professor (Graphic Design)
- Biological Sciences, Assistant Professor/Microbial Geneticist
- Biological Sciences, Assistant Professor/Plant Ecologist
- Computer Science, Assistant/Associate Professor (3 positions)
- Computer Science, Lecturer Pool (Part Time, Time Limited)
- Counselor Ed. and Ed. Psychology/RRTC, Assistant/Associate Professor and RRTC Research Director
- Diagnostic Instrumentation and Analysis Laboratory (DIAL), Research Engineer II
- Electrical and Computer Engineering, Assistant/Associate/Professor (5 positions)
- Electrical and Computer Engineering, Lecturers (3 positions, Part-time)
- Electrical and Computer Engineering, Professor/Robert Guyton Chair of Teaching Excellence
- Electrical and Computer Engineering, Visiting Instructors (3 positions)
- Engineering - Dean of, Technical Communication Coordinator and Instructor
- Engineering - Dean of, Technical Writing Instructor (2 positions)
- Engineering Research Center (ERC), Research Engineer (2 positions)
- English, Assistant Professor (2 positions)
- Forestry, Assistant Professor/Area Specialist, Forestry Extension
- Geosciences, Instructor
- Health, P.E., Recreation and Sport, Assistant Professor (2 positions)
- History, Assistant Professor
- Human Sciences, Assistant/Associate Professor (2 positions)

- Library, Assistant Professor/Librarian and Information Specialist
- Library, Assistant Professor/Reference Services Librarian
- Library, Associate Professor and Reference Services Coordinator
- Library, Instructor and Cataloger
- Library, Instructor/Serials Cataloger
- MCES/Economic and Community Resource Development/Agriculture and Natural Resources, Geospatial Extension Specialist
- Management and Information Systems, Assistant/Associate/Full Professor of Information Systems
- Math and Statistics, Associate Professor
- Mechanical Engineering, Assistant/Associate/Full Professor
- Music Education, Assistant/Associate Professor/Director of Choral Activities (Search Extended)
- Physics and Astronomy, Assistant/Associate Professor
- Plant and Soil Sciences, Assistant/Associate Professor (3 positions)
- Plant and Soil Sciences, Assistant/Associate Professor/Environmental Pesticide
- Plant and Soil Sciences, Assistant/Associate Specialist
- Plant and Soil Sciences, Assistant Forage Specialist/Assistant Agronomist
- Poultry Science, Research Poultry Scientist
- Psychology, Assistant Professor (3 positions)
- Psychology, Visiting Assistant Professor/Lecturer
- Social Science Research Center (SSRC), Assistant Instructor Applicant Pool
- Sociology, Anthropology and Social Work, Assistant Professor (4 positions)
- Technology and Education, Assistant Professor (2 positions)
- Vet Medicine, Assistant/Associate Professor Aquatic Pathobiologist
- Vet Medicine, Assistant/Associate Professor Beef Cattle Production Medicine
- Vet Medicine, Assistant/Associate Professor Diagnostic Imaging, Small and Large Animals
- Vet Medicine, Assistant/Associate Professor Fish Pathobiologist
- Vet Medicine, Assistant/Associate Professor in Small Animal Surgery (2 positions, Extended, Modified Advertisement)
- Vet Medicine, Assistant/Associate Professor of Veterinary Anesthesiology
- Vet Medicine, Branch Librarian/Assistant/Associate Professor (Modified Advertisement)
- MAFES/Central MS Research and Extension Center, Raymond, MS, Assistant Entomology Specialist/Scientist (50% Extension/50% Research)
- MAFES/Central MS Research and Extension Center, Assistant Specialist/Assistant Plant Pathologist
- MAFES/Central MS Research and Extension Center, Superintendent/Horticulturist
- MAFES/Delta Research and Extension Center, Stoneville, MS, Assistant/Associate Agronomist
- MASEP, Instructor/Assistant, Instructor Pool
- MSU-ES/Delta R&E Center, Stoneville, MS, Assistant/Associate Extension Soybean Specialist/Assistant/Associate Weed Scientist
- MSU-Meridian Campus, Business and Industry, College of, Assistant/Associate Professor of Finance
- MSU-Meridian Campus, Business and Industry, College of, Assistant/Associate Professor of Management
- Meridian Campus, Assistant/Associate Professor of Counselor Education (2 positions)
- Meridian Campus, Assistant/Associate Professor of Curriculum and Instruction
- Meridian Campus, Lecturers (Part Time, Temporary)
- Social Science Research Center, Biloxi, MS, Assistant Instructor

## Other Professional

- Agricultural and Biological Engineering (4 positions, Time Limited)
- Aircraft Operations, Co-Pilot II
- Aircraft Operations, Pilot - Captain I
- Athletics, Coordinator of Spirit Groups

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## Funding Opportunities

Below are funding opportunities received from various sources such as the Grants Resource Center. Sponsored Programs Administration (SPA), 325-7404, will assist you in obtaining information and applications necessary for submission to governmental or private sources. For complete listings and other opportunities, see the Sponsored Programs World Wide Web page on the MSU server: <<http://www.msstate.edu/Dept/SPA/index.html>>.

**AGENCY:** U.S. Department of Education; Office of Educational Research and Improvement

**ITEM:** Notice requesting applications for new awards for FY 2000 under the National Awards Program for Model Professional Development, which recognizes a variety of schools and school districts with model professional development activities in the pre-kindergarten through 12th grade levels that have led to increases in student achievement.

**ACTION:** Applications are due by January 18, 2000. See also, <http://www.ed.gov/inits/TeachersWeb/> for electronic access to an application package or <http://ocfo.ed.gov/fedreg.htm> or <http://www.ed.gov/news.html> for electronic access to this document.

**CONTACT:** Sharon Horn, 202/219-2203. Fax: 202/219-2198. E-mail: [sharon\\_horn@ed.gov](mailto:sharon_horn@ed.gov).

**AGENCY:** U.S. Department of Education; Office of Educational Research and Improvement

**ITEM:** Notice announcing eligibility and selection criteria to govern competitions under the National Award Program for Model Professional Development for FY 2000.

**ACTION:** These criteria are effective as of November 17, 1999. See also, <http://www.ed.gov/inits/TeachersWeb/> for electronic access to an application package or <http://ocfo.ed.gov/fedreg.htm> or <http://www.ed.gov/news.html> for electronic access to this document.

**CONTACT:** Sharon Horn, 202/219-2203. Fax: 202/219-2198. E-mail: [sharon\\_horn@ed.gov](mailto:sharon_horn@ed.gov).

**AGENCY:** U.S. Environmental Protection Agency; Office of Solid Waste and Emergency Response

**ITEM:** Notice releasing revised guidelines and proposal deadlines for National Brownfields Assessment Pilots, which test

clean-up and redevelopment planning models, direct special efforts toward removing regulatory barriers without sacrificing protectiveness, and facilitate coordinated environmental clean-up and redevelopment efforts at the federal, state and local levels.

**ACTION:** Proposals may be submitted during the the period beginning on October 19, 1999, and ending on February 16, 2000. See also, <http://www.epa.gov/brownfields> for additional information and access to the guidelines.

**CONTACT:** Inside the Washington, DC, Metropolitan Area, call 703/412-9810. Outside the Washington, DC, Metropolitan Area, call 800/424-9346.

**TITLE:** Pathological Gambling: Basic, Clinical and Services Research

**DOC#:** PA-98-106

**INSTITUTE:** National Institute of Mental Health; National Institute of Alcohol Abuse and Alcoholism; National Institute on Drug Abuse

**ITEM:** Notice referring to PA-98-106, Pathological Gambling: Basic, Clinical and Services Research, which appeared in the NIH Guide on September 16, 1998, and encouraging potential applicants to apply under the program and consider topics that the National Gambling Impact Study Commission recommended to NIH in its final report of June 1999.

**ACTION:** Under this special notice, RO1 applications will be due by November 16, 1999, and November 16, 2000. See also, <http://www.ngisc.gov> to view and/or download an electronic copy of the National Gambling Impact Study Commission final report, or <http://grants.nih.gov/grants/guide/pa-files/PA-98-106.html> for access to the program announcement. Application kits are available from the Division of Extramural Outreach and Information Resources, 301/435-0714. E-mail: [grantsinfo@nih.gov](mailto:grantsinfo@nih.gov). See also,

<http://grants.nih.gov/grants/funding/phs398/phs398.html>.

**CONTACT:** Jim Breiling, 301/443-3527. Fax: 301/443-4611. E-mail:

[jbreilin@mail.nih.gov](mailto:jbreilin@mail.nih.gov). Darryl Bertolucci, 301/443-4898. Fax: 301/443-8614. E-mail: [db46e@nih.gov](mailto:db46e@nih.gov). Meyer Glantz, 301/443-6543. Fax: 301/443-2636. E-mail: [mglantz@ngmsmtp.nida.nih.gov](mailto:mglantz@ngmsmtp.nida.nih.gov).

**TITLE:** Bioengineering Research Partnerships

**DOC#:** PAS-00-006

**INSTITUTE:** National Cancer Institute; National Center for Research Resources; National Eye Institute; National Human Genome Research Institute; National Heart, Lung, and Blood Institute; National Institute on

Aging; National Institute of Allergy and Infectious Diseases; National Institute of Arthritis and Musculoskeletal and Skin Diseases; National Institute of Child Health and Human Development; National Institute on Drug Abuse; National Institute on Deafness and Other Communication Disorders; National Institute of Dental Research; National Institute of Diabetes and Digestive and Kidney Diseases; National Institute of Environmental Health Sciences; National Institute of General Medical Sciences; National Institute of Mental Health; National Institute of Neurological Disorders and Stroke; National Institute of Nursing Research; National Library of Medicine

**ITEM:** Notice requesting applications for RO1 awards for basic bioengineering research addressing important biological and medical research problems, through multi-disciplinary research teams applying an integrative, systems approach, to develop knowledge and/or methods to prevent, detect, diagnose, and treat disease and to understand behavior.

**ACTION:** Letters of intent are due by December 1, 1999, and June 30, 2000.

Applications are due by January 7, 2000, and August 10, 2000. Application kits are available from the Division of Extramural Outreach and Information Resources, 301/435-0714. E-mail: [grantsinfo@nih.gov](mailto:grantsinfo@nih.gov). See also, <http://grants.nih.gov/grants/funding/phs398/phs398.html>.

**CONTACT:** See this notice for programmatic contacts.

**AGENCY:** National Aeronautics and Space Administration (NASA); NASA Advisory Council, Technology Subcommittee of the Earth Systems Science and Applications Advisory Committee

**ITEM:** Notice announcing an open meeting of the NASA Advisory Council, Technology Subcommittee of the Earth Systems Science and Applications Advisory Committee.

**ACTION:** The meeting will take place on November 17, 1999, from 9:00 a.m. to 5:30 p.m., at NASA Headquarters, Room MIC3, 300 E Street, SW, Washington, DC 20546. Topics for discussion will include review of the technology development/investment plan for FY 2000 and external partnering opportunities. **CONTACT:** Granville Paules, 202/358-0706.

## Jobs--continued from page 5

- Biochemistry and Molecular Biology, Research Assistant I (2 positions)
- Biological Sciences, Research Assistant I (Time Limited)
- Computer Application and Services, Network Project Assistant
- Computer Science, Assistant Systems and Network Manager (Part Time)
- Continuing Education, Coordinator of Environmental and Safety Programs
- Continuing Education, Coordinator of Web Based Activities
- Continuing Education, Distance Program Specialist
- Curriculum and Instruction, Research Assistant I (Time Limited 50%)
- Diagnostic Instrumentation and Analysis Laboratory (DIAL), Post-Doctoral Research Associate (Time-Limited)
- Electrical and Computer Engineering, Research Engineer/Research Engineer I
- Engineering Research Center (ERC), Accountant
- Engineering Research Center (ERC), Graphic Designer
- Engineering Research Center (ERC), Research Assistant I (2 positions)
- Engineering Research Center (ERC), Research Assistant I, II, or Senior (3 positions)
- Engineering Research Center (ERC), Research Engineer I
- Entomology and Plant Pathology, Research Assistant I (3 positions)
- Entomology and Plant Pathology, Research Assistant I (Time Limited)
- Entomology and Plant Pathology, Research Assistant II (Time Limited)
- Forestry, Research Assistant I (Time Limited, 2 positions)
- Human Sciences, Teacher, Child Development Center (2 positions)
- Information Systems, Senior Programmer Analyst
- Library, Computer Services Office Manager
- Library, Instructional Media Center Assistant
- Library, MSU Library Web Site Manager
- Mississippi State Chemical Lab, Research Assistant I
- Mississippi State University Cooperative Extension Service/Geographic Information Systems, GIS Operator
- Mississippi Writing/Thinking, Assessment Coordinator (Part Time)
- Plant and Soil Sciences, Research Assistant (2 positions)
- Plant and Soil Sciences, Research Assistant I (2 positions)
- Rehabilitation Research and Training Center on Blindness and Low Vision, RRTC Research Director
- Social Science Research Center, Research Assistant I Applicant Pool (Time Limited)

- Student Support Services, Counselor (Time Limited)
- Systems and Networks, LAN Systems Analyst
- Technology and Education, Project Coordinator
- University Relations, Associate Director for Publications
- University Relations, News Writer
- User Services, Help Desk Consultant
- Vet Medicine, Chief Biostatistician
- Vet Medicine, Medical Technologist II
- Vet Medicine, Research Assistant I (3 positions)
- Vet Medicine, Research Assistant I/II (2 positions)
- Vet Medicine, Resident (Time Limited)
- Wildlife and Fisheries, Extension Assistant (Fisheries)
- Delta Research and Extension Center (Stoneville, MS), Extension Production Economist/Farm Management
- MAFES/Delta Research and Extension Center, Research Assistant I (2 positions)
- MAFES/Delta Research and Extension Center, Research Assistant I (Part Time, Time Limited)
- MAFES/Northeast Branch, Research Assistant II
- MAFES/Prairie Research Unit, Research Assistant
- Meridian Campus, Electronic Services Librarian
- Meridian Campus, Information Systems Manager
- Meridian Campus, Manager, Continuing Education and Distance Learning (SEARCH EXTENDED)

### Secretarial Pay Grades and Ranges

- Secretary, Pay Grade 5, \$5.55-6.94
  - Administrative Secretary I, Pay Grade 6, \$5.65-7.06
  - Administrative Secretary II, Pay Grade 7, \$5.75-7.19
  - Executive Secretary, Pay Grade 8, \$6-7.50
- \*Pay range based on qualifications and years of experience for new employees.



For a listing of current support staff vacancies you may call "Dial-A-Job" (325-4132). The "Dial-A-Job" service is updated daily.

## 13 are designated emeriti faculty

Thirteen retired faculty members recently were designated emeriti faculty by the university and approved by the state College Board.

They include:

College of Agriculture and Life Sciences—John W. Fuquay, professor emeritus of animal and dairy sciences; Lynn M. Gourley, professor emeritus of plant and soil sciences; Harry F. Hodges, professor emeritus of plant and soil sciences; Jean V. Kiser, professor emerita in the School of Human Sciences; and Peter P. Sikorowski, professor emeritus of entomology and plant pathology.

College of Arts and Sciences—W. Lawrence Croft, professor and head emeritus of physics and astronomy; Jack E. Denson, associate professor emeritus of physics and astronomy; Charles D. Lowery, professor and head emeritus of history; and Robert D. Rundel, professor emeritus of physics and astronomy.

College of Education—Gloria C. Correro, professor of curriculum and instruction and associate dean emerita of education, and Jerry D. Williams, professor emeritus of music education.

College of Engineering—Richard E. Forbes, professor emeritus of mechanical engineering.

College of Veterinary Medicine—H. Dwight Mercer, professor and dean emeritus of veterinary medicine.

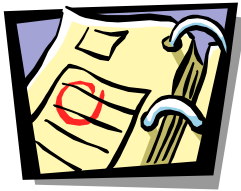
## NASA--continued from page 1

Stennis Space Center.

"NASA is pleased to partner with Mississippi State University to take advantage of the substantial knowledge and research capability of the university," Estess said. "We believe our collective efforts could rapidly grow into a \$10 billion industry for the United States."

Enhanced collaboration between Mississippi State's center and other agencies will increase the quality of remote sensing research and the use of technologies by both the private and public sectors, Pickering said.

"This effort will move the technology from data to a usable product that will improve the quality of life for all Mississippians," he said.



# 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 "News" for msu.NOW!

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## Ongoing Events, Activities

Joe Phoebus of Tampa and Brian Harris of Ocean Springs are presenting MFA Thesis Exhibitions, Nov. 1-7, Department of Art Gallery, McComas Hall. Opening reception, Nov. 1, gallery, 7-9 p.m. 325-2947.

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## November

**1**  
School of Architecture Fall 1999 Lecture Series presents architect Carolos Jiminez of Houston, Texas, Giles Hall, 4 p.m. 325-2202.

**2**  
Chalk Talk with assistant football coach John Hendrick, Colvard Union lobby, 12:30 p.m. 325-2930.

**3**  
New Models Fashion Show, Colvard Union ballroom, 7 p.m. 325-2930.

**4**  
MSU vs. Kentucky, football, Scott Field, 7 p.m.

**5**  
Nomination deadline for MSU Outstanding Academic Advisor Award, 5 p.m. 325-4052.

MSU Women's Club: bridge, 9:30 a.m., Colvard Union faculty lounge; luncheon and guest speaker Starkville novelist Jack Kean, ballroom, noon. 325-3573.

MSU vs. Mississippi All Stars (exhibition), women's basketball, Humphrey Coliseum, 7 p.m.

"Intermediate Word 97 for Windows," Continuing Education, 107 Dorman, 8 a.m.-

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*Mississippi State University does not discriminate on the basis of race, color, religion, national origin, sex, age, disability, or veteran status.*

noon, \$95 after Oct. 22. 325-8876.

**6**  
MSU vs. Arkansas Express (exhibition), men's basketball, Humphrey Coliseum, 2 p.m.

**8**  
"Introduction to Word 97," Computer Lab A, McArthur Hall, 1:30-5 p.m., User Services, no charge. 325-0631.

**9**  
"Introduction to Access 97," Computer Lab A, McArthur Hall, 8:30 a.m.-noon, User Services, no charge. 325-0631.

**10**  
School of Architecture Fall 1999 Lecture Series presents historian Beatriz Colomina of Princeton, N.J., Giles Hall, 3:30 p.m. 325-2202.

"Adobe Photoshop," Computer Lab A, McArthur Hall, 1:30-5 p.m., User Services, no charge. 325-0631.

**11**  
MSU vs. a team-to-be-announced (exhibition), women's basketball, Humphrey Coliseum, 7 p.m.

"Introduction to Word Perfect 8," Computer Lab A, McArthur Hall, 8:30 a.m.-noon, User Services, no charge. 325-0631.

Chalk Talk with assistant football coach Craig Stump, Colvard Union lobby, 12:30 p.m. 325-2930.

**12**  
MSU vs. Mississippi, women's volleyball, Newell-Grissom Building, 7 p.m.

"Searching and Navigating the Web," Computer Lab A, McArthur Hall, 2:30-4:30 p.m., User Services, no charge. 325-0631.

**13**  
MSU vs. a team-to-be-announced (exhibition), Humphrey Coliseum, 7 p.m.

"Advanced World Wide Web," Continuing Education, 107 Dorman, 8:30 a.m.-12:30 p.m. \$85 before Nov. 5. 325-8876.

**13, 14**  
Piney Woods Heritage Festival, Crosby Arboretum, 370 Ridge Road, Picayune, 9 a.m.-4 p.m. (601) 799-2311, extension 21.

**15**  
Jazz Ensemble Concert, Lee Hall auditorium,

7:30 p.m. 325-3070.

"Advanced Access 97," Continuing Education, 107 Dorman, 1-5 p.m., \$85 before Nov. 9. 325-8876.

"Microsoft FrontPage 98," Computer Lab A, McArthur Hall, 1:30-5 p.m., User Services, no charge. 325-0631.

**16**  
"Introduction to PowerPoint 97," Computer Lab A, McArthur Hall, 8:30 a.m.-noon, User Services, no charge. 325-0631.

**17**  
"Groupwise 5.5," Computer Lab A, McArthur Hall, 1:30-5 p.m., User Services, no charge. 325-0631.

**18**  
Wind Ensemble Concert, Lee Hall auditorium, 7:30 p.m. 325-3070.

"Adobe Acrobat 4.0," Computer Lab A, McArthur Hall, 8:30 a.m.-noon, User Services, no charge. 325-0631.

"Pagemill 4.0," Computer Lab A, McArthur Hall, 1:30-5 p.m., User Services, no charge. 325-0631.

"PowerPoint 97--Beyond the Basics," Continuing Education, 107 Dorman, 8 a.m.-noon, \$85 before Nov. 11. 325-8876.

Chalk Talk with assistant football coach Glenn Davis, Colvard Union lobby, 12:30 p.m. 325-2930.

**20**  
MSU vs. Alabama A&M, men's basketball, Humphrey Coliseum, 7 p.m.

**22**  
MSU vs. Louisiana Tech, women's basketball, Humphrey Coliseum, 7 p.m.

"Adobe Pagemaker," Computer Lab A, McArthur Hall, 1:30-5 p.m., User Services, no charge. 325-0631.

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## Best buy--continued from page 1

best buys. The publication lists the cost of attending Mississippi State for one year at \$6,627, including tuition and fees and room and board.

Belhaven College in Jackson and the University of Mississippi are the other Mississippi institutions on this year's list.