

to the faculty and staff of Mississippi State University

MSU expanding presence at Stennis

The university is expanding its research and education programs at NASA's Stennis Space Center in Hancock County.

The newly designated Engineering Research Center-Stennis is designed to build on MSU's internationally recognized expertise in high-end computing technologies and enhance the school's research contributions to the state. It also supports one of President Malcolm Portera's announced goals of moving MSU into the ranks of the nation's top 50 research universities.

Established in 1990, MSU's National Science Foundation Engineering Research Center for Computational Field Simulation is one of only 27 in the United States. Conducting approximately \$12 million in research annually, its multidisciplinary

teams focus on reducing engineering time and costs in areas requiring complex computational problem solving.

The MSU/ERC is recognized for computational engineering research focused on the design of aerospace vehicles, missiles, submarines, surface ships, automobiles, and turbomachinery. The center also is recognized for research in support of scientific visualization, numerical simulation and high-performance computing.

"The efforts at ERC-Stennis will focus on research directly related to the agencies located there," said ERC director J. Donald Trotter. "Most of the initial work will be closely associated with the activities of the former Center for Air Sea Technology group in the area of systems for ocean and environmental applications."

In addition, ERC-Stennis will work with existing and new ERC projects

with the National Aeronautics and Space Administration in the areas of rocket testing and remote sensing, Trotter said.

"The effort in remote sensing supports Mississippi State's new Remote Sensing Technologies Center, which focuses on precision farming, forestry and transportation applications," he added.

The work of ERC-Stennis will be coordinated by associate ERC director Joseph McCaffrey, while Jim Corbin directs the new Integrated Data Systems Laboratory, one of five ERC laboratories. Corbin formerly was director of the Center for Air Sea Technology.

Like programs at MSU and elsewhere in the state, the space center is named in honor of former U.S. senator John C. Stennis of DeKalb, who represented Mississippi for more than four decades in Washington, D.C. An MSU alumnus who died in 1991, Stennis served on the Senate Armed Services and Appropriations committees, chairing the former 1969-80.

New parking, traffic fines are in effect

New procedures for administering parking and traffic fines—along with new rates—took effect Sept. 13.

Changes include fines ranging \$5-\$85 higher than previous rates. In addition, unpaid fines will no longer double after a specific number of days.

The Executive Council recommended the new fine schedule to "contribute to more effective enforcement of existing parking and traffic regulations."

Fines for overtime parking, parking on

Continued on page 4

Faculty meeting is Sept. 23

The Sept. 23 general faculty meeting must have a quorum for faculty members to vote on a proposed change in the "Principles for University Governance."

Continued on page 2



Scott Logan, a junior from Memphis, and Daniel Oakley, a senior from Starkville, make adjustments to a field of plastic forks on display Monday in a grassy area between Montgomery and Allen halls. The grouping is one of several landscape installations created by School of Architecture students using ordinary household items to encourage seeing the landscape in a new light.

School psychology program earns renewed approval

Mississippi State's school psychology program continues to meet strict national standards required for professional accreditation.

The doctoral-level program recently was notified of its reaccreditation by the American Psychological Association for four years--the maximum period permitted. First earning the distinction in 1996, the program is among only 50 of its kind in the nation holding the highest accreditation level.

School psychology emphasizes children, families and the schooling process, said program director Christopher Skinner of the Department of Counselor Education and Educational Psychology. Among areas subject to the APA's periodic review are a program's philosophies and curriculum, resources, diversity, intern-staff relations, and self-assessment, he added.

Skinner said MSU focuses on a scientist/practitioner model that provides its students with a background in assessment, consultation and intervention, and a psychoeducational core.

"Accreditation assures that our students meet standards that allow them to seek licensing," Skinner said. As a measure of the program's success, he observed that MSU students "consistently earn top internship opportunities."

In addition to Skinner, other faculty members in Mississippi State's school psychology program include Samuel D. Givhan, Carlen Hennington and T. Steuart Watson.

Quorum--continued from page 1

At least 250 faculty members must be present for the 3:45 p.m. meeting in the McComas Hall theater to vote on the document.

Proposed changes may be viewed on the web by clicking on the "announcements" section of the MSU news page <www.ur.msstate.edu/news/>.

PSSAC funding scholarships for courses

Thanks to efforts several years ago by the Professional and Support Staff Advisory Council, some Mississippi State staff members now are eligible to receive financial assistance to take certain university courses.

A special scholarship fund established during the recent major-gifts campaign now is available to assist professional and support staff members take noncredit continuing education courses their departments can't afford to subsidize. The five-year Campaign for Mississippi State concluded in 1997.

Sept. 24 is this year's application deadline. The \$500-per-semester awards are made possible through employee contributions to the Development Foundation. Twelve computer software-training courses offered through the Division of Continuing Education are eligible. [A brochure listing the courses was mailed earlier; additional copies may be obtained by telephoning Valerie Tate at 325-8876 or e-mailing her at <vtate@ce.msstate.edu>.]

In addition to completing an application, benefits-eligible staff members must include a statement signed by their department head or supervisor verifying the unavailability of funds for the course.

A random drawing will determine the scholarship recipients. The selection process ends when the total number drawn equals the \$500 limit.

For more information on the PSSAC Scholarship Fund, telephone Jan Bryant at 325-8475; for additional application forms, telephone Tricia Newman, at 325-3165.

Library hosts new faculty reception

To introduce its many resources, Mitchell Memorial Library is inviting new faculty members and administrators to a Sept. 24 program and reception.

The 3 p.m. Friday program in the third-floor Grisham Room is sponsored in cooperation with the "Friends of the Libraries" support group.

Approximately 50 new faculty and administrators are being invited to learn more about the system's departments and resources, said Gail Peyton, coordinator of outreach activities.

"This reception is one of a number of events the library is sponsoring," she added.

"We're also visiting with department heads to learn about their needs, and developing subject-specific web pages to provide information for individual academic areas."

Additional programs are planned for graduate students and international students in the coming weeks.

"Through outreach activities, we learn more about campus needs of the library, and we're able to be responsive," she said.

For more information about the new faculty reception, contact Peyton at 325-

7671 or William Parrish, Friends of the Libraries chair, at 324-1683.

Research workshop set for Sept. 24

The first in a series of four satellite broadcasts from the National Association of College and University Research Administrators will air Sept. 24.

The research administration workshop "Cost Sharing" is scheduled for 10 a.m.-2 p.m. in the Tait Butler Room of the Wise Center. Box lunches will be provided.

The seminar is open to all administrators and faculty and staff members involved in managing sponsored projects. Registration is required and is available online at <www.msstate.edu/Dept/SPA/calendar.html>.

Sponsors of the broadcast are the Office of Sponsored Programs, Comptroller's Office and the Office of Research.

For more information, telephone SPA at 325-7404.

'Sick' bridges diagnosed with three-wheeler

It looks something like a baby carriage, but this little stroller only delivers critical information to help keep bridges safe.

Known as "HollowDeck" and used to inspect the condition of concrete bridge decks, the portable monitor is the brainchild of scientists at the Diagnostic Instrumentation and Analysis Laboratory. A three-wheel, walk-behind prototype recently produced at the university is being tested by the state Department of Transportation.

"Concrete bridges are constructed with a mesh of reinforced steel within the deck," said DIAL research engineer Mark Henderson. "Over time, water and other corrosive agents can cause the steel to deteriorate.

"When this happens," he added, "portions of the bridge may separate into layers and eventually lead to problems ranging from an annoying pothole to serious structural damage."

Ground-penetrating radar and other high-tech equipment can be used to check for structural problems in bridges, but these methods are expensive and time consuming.

The simple, economical and time-honored way to tell if separation has occurred involves the use of a metal chain dragged across the concrete. While solid concrete produces a clear, ringing sound, areas with separations cause the moving links to yield a dull and hollow rattle.

Henderson, leader of a research team that includes MSU graduate and undergraduate students, said the traditional chain technique works fine as long as the person doing the testing can clearly hear and properly interpret the sounds.

"Traffic and other road noise, or even an operator's sinus problems, often can affect the interpretation," he said. "Because of this, the transportation department asked us to build a system that would make the job of finding and hearing the hollow sounds easier for its personnel in the field."

HollowDeck takes the old chain process and wheels it into the 21st century. As a series of chains attached to a metal bar drag across the concrete surface, a microphone and amplifier send sound-generated data to a computer also housed in the "carriage." The computer then produces a "map" of the bridge.

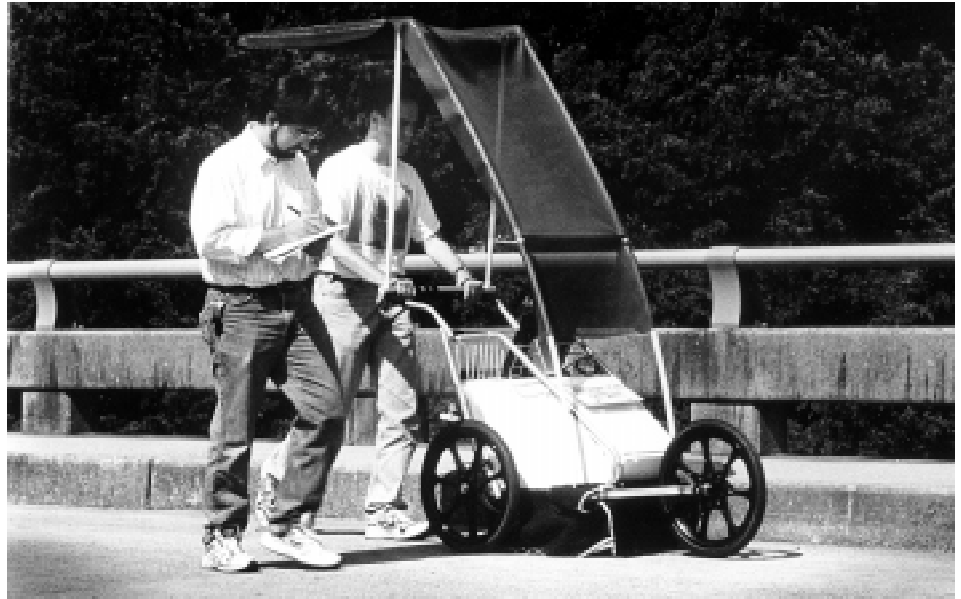
With a clear representation of areas where unseen damage is occurring, MDOT crews immediately can begin repair work.

"HollowDeck enables bridge inspections to be done faster and more economically," Henderson said. "That's important when you consider that federal and state laws require the approximately 500,000 bridges in this country to be inspected at least once every two years."

Having successfully employed

HollowDeck on bridges in the Starkville area, plans are under way to conduct additional tests in each of the state's highway districts, as well as at the Federal Highway Administration's research center in McLean, Va.

MSU scientists also are working with acoustics investigator Dan Costley at Miltec Inc. in Oxford to further refine the equipment's data-collecting capability.



MSU researchers stroll with HollowDeck on a Starkville bridge.

Research orientation

New faculty workshop scheduled

The sixth annual New Faculty Research Orientation Workshop will be held Oct. 5.

The workshop, scheduled for 1-5 p.m. in the Bost Extension Center theater, informs new faculty about research administration, funding opportunities and support services that are provided by the research office.

During the workshop, two \$1,000 Research Travel Awards will be presented. To be eligible, researchers must submit a one-page concept paper on or before Sept. 27 describing how the funds will be used to further the development of their research program.

Mail concept papers to Research Travel Awards Program, Office of the Vice President for Research, Mail Stop 9722, or drop them by the office in 617 Allen Hall.

Following the workshop, Dr. Robert Altenkirch, vice president for research, will host a reception at his home.

To register for the workshop online, access <www.msstate.edu/Dept/SPA/calendar.html> or telephone 325-3570 by 5 p.m. Friday, Oct. 1.

WMSV hosts tailgate party before ballgames

Get fired up for the rest of the football season by listening to the "Mississippi State Tailgate Party" on WMSV.

The student-run radio station, located at 91.1 on the FM dial, is broadcasting its own 30-minute show 90 minutes prior to kickoff of each game. The show includes interviews with football coach Jackie Sherrill, players and fans.

The tailgate party is hosted by Aaron Sones, WMSV sports director.

DIAL, Japan institute test 'gasifier'

In a cooperative research project, the Diagnostic Instrumentation and Analysis Laboratory and the Tokyo Institute of Technology are testing an advanced high-temperature, pebble-bed gasifier using fuels derived from municipal refuse.

A test gasifier, with a 400-pound-per-hour waste/coal-feed capability, recently was designed and constructed. The DIAL design team includes Perry Norton, Walter Okhuysen and Carl Pian. Design verification and duration testing of this gasifier will be carried out by DIAL. Arun Kumar, Johnny Andol, Gene Ramsey, Andy Hodnett, and Peter Herring, all of DIAL, also are involved with the gasifier project.

DIAL's gasifier design has significant advantages in generating useful energy and co-products from under-utilized coal and traditionally unusable waste streams.

The gasifier has the flexibility to be quickly and easily adapted to accommodate multiple fuel types, ranging from various forms of low rank coal to industrial, agricultural and municipal wastes.

The gasifier has the ability to produce low and medium BTU fuel gas from coal and waste-derived fuels. In addition,

Fines--continued from page 1

the sidewalk, parking in a driveway, obstructing the sidewalk, obstructing traffic, parking in a no parking zone, blocking a fire hydrant, parking in a fire lane, riding a bicycle on a sidewalk, and parking in exclusive parking all went from \$15 to \$30 per violation.

Raised from \$15 to \$20 are parking adjacent to a yellow curb, parking on the grass, parking in a loading zone, parking in a closed-off area, double parking, resident parking out-of-zone, day student parking out-of-zone, not parking within the lines, backing into a parking space, not parking within a marked area, abandoning a vehicle, non-staff operator, improper display of a permit, parking in a yellow marked area, mutilating a permit, staff member parking out-of-zone, and a visitor parking out-of-zone.

Other fines include obstructing wheelchair access, raised from \$15 to \$50; parking in a handicapped spot, \$15 to \$100; no permit, \$15 to \$50; any state law violation, \$30 to \$50; and shuttle parking out-of-zone, \$15 to \$50.

commercial by-products such as chemicals, fertilizers and glass can be generated as part of the gasification process.

Although the system being developed will accommodate a range of fuels, Mississippi Wilcox lignite coal will be the primary fuel for the development program. Mississippi Wilcox coal is an abundant but under-utilized coal because of its high moisture content.

The U.S. Department of Energy is interested in the novel pebble-bed feature of the DIAL gasifier and how this gasifier design might fit within the DOE Vision 21 Power Plant Program. The goal of Vision 21 is to develop efficient and non-polluting power plants for the 21st century.

Plans are being made to test the DIAL gasifier using sawdust and wood chip wastes from Hankins Inc. of Ripley, a state-of-the-art wood mill with a 10-acre, 30-foot deep supply of sawdust that requires remediation and disposal. The wood waste will be a suitable fuel for the DIAL gasifier to produce fuel gas and/or methanol.

The use of poultry and cattle wastes also is being investigated as fuel in the gasifier to generate industrial fuel gas and fertilizers, useful commodities for the state. Disposal of nitrate-rich chicken droppings is a major environmental problem in Mississippi, as well as in many other states.

Application of this gasifier technology can be extended to many segments of industry.

Grisham Room houses new exhibit

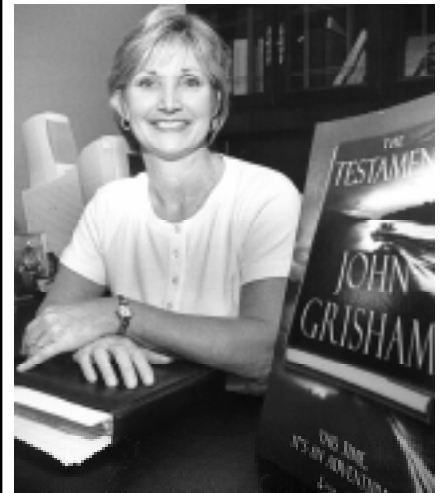
A new exhibit, "The Grisham Phenomenon," is now on display in the Grisham Room of Mitchell Memorial Library.

The exhibition depicts the best-selling novelist's days as an accounting student at MSU, his passion for baseball, his tenure in the Legislature, and excerpts from his original manuscripts.

Fan mail and newspaper articles that follow his rise to success also are featured.

The third-floor Grisham Room is open Monday-Friday, 8: a.m.-5 p.m.

Have You Met...



Coleman

Name: Sheila Coleman

Birthplace: Vardaman

Occupation/title: administrative assistant, John Grisham Room, Mitchell Memorial Library

Current home: Starkville

The last good movie I saw was: "Runaway Bride"

I stay home to watch: "JAG," "Promised Land"

The book I've been reading: "Nicholae" by Tim LaHaye and Jerry Jenkins

Favorite pig-out food: anything chocolate

Favorite performers: Mel Gibson and Crystal Lewis

Prized possession: my family

The best part of my job is: meeting people and working with Dr. Zacharias

If I wasn't in this job, I'd be: babysitting my grandchildren

Three words that best describe me: conscientious, friendly, happy

Memo is published for the faculty and staff of Mississippi State University by the Office of University Relations. It is published weekly during the fall and spring semesters and twice a month during the summer. It is also available electronically through the World Wide Web at <msuinfo.ur.msstate.edu/msu_memo/>. Editorial material should be sent to Kay Fike Jones, Mail Stop 9512, or via Internet to jonesk@ur.msstate.edu.

Editor—Kay Fike Jones

Contributors—Maridith Geuder

Sammy McDavid



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>

Executive, Administrative and Managerial

- Curriculum and Instruction, Department Head/Professor
- Dean of Students, Assistant Dean
- Dining Services, Director
- Education/Music Education, Department Head/Professor
- Human Resources Management, Director
- Mathematics and Statistics, Department Head/Professor
- Office of the President, Vice President for Agriculture, Forestry, and Vet Medicine/Professor
- 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
- Technology and Education, Department Head/Professor
- 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, Postdoctoral Associate/Research Assistant
- Agricultural Economics, Assistant Professor/Assistant Economist
- Agricultural Economics, Assistant Specialist/Assistant Professor
- Agricultural Information Science and Education, Assistant/Associate Professor
- Animal and Dairy Sciences, Equine Science
- 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, Lecturer Pool (3-4 Part Time positions)
- Counselor Ed. and Ed. Psychology/RRTC, Assistant/Associate Professor and RRTC Research Director
- 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 - College of, Lecturers (Part Time, Time Limited)
- Engineering - Dean of, Technical Communication Coordinator and Instructor
- Engineering - Dean of, Technical Writing Instructor (2 positions)
- Engineering Research Center, Assistant Professor (Computational Engineering)
- Engineering Research Center, Professor of Computational Engineering
- English, Visiting Assistant Professor (Time-Limited)
- Forestry, Assistant Professor/Area Specialist, Forestry Extension
- Health, P.E., Recreation and Sport, Assistant Professor (2 positions)
- Human Sciences, Assistant/Associate Professor (2 positions)
- Library, Assistant Professor/Librarian and Information Specialist
- Library, Assistant Professor/

Reference Services Librarian

- 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 (3 positions)
- Music Education, Staff Accompanist and Lecturer
- Physics and Astronomy, Assistant/Associate Professor
- Plant and Soil Sciences, Assistant/Associate Professor/Environmental Pesticide
- Plant and Soil Sciences, Assistant/Associate Professor (3 positions)
- 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
- Social Science Research Center (SSRC), Assistant Social Scientist
- Sociology, Anthropology and Social Work, Assistant Professor (4 positions)
- Technology and Education, Assistant Professor (2 positions)
- Vet Medicine, Assistant/Associate Professor Aquatic Pathobiologist (2 positions)
- 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 of Environmental Toxicology
- Vet Medicine, Assistant/Associate Professor of Small Animal Surgery (2 positions,

Extended) (Modified Advertisement)

- Vet Medicine, Assistant/Associate Professor of Veterinary Anesthesiology
- Vet Medicine, Assistant/Associate Professor of Small Animal Internal Medicine (Extended)
- Vet Medicine, Asst. Professor/Instructor Small Animal Community Practice
- 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
- MAFES/Delta Research and Extension Center, Assistant Fishery Biologist
- MASEP, Instructor/Assistant, Instructor Pool
- MSU-ES/Delta Research and Extension Center, Area Extension Aquaculture Specialist
- 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

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Funding Opportunities

Below are funding opportunities received from various sources such as the Office of Federal Programs. 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>>.

Education

Program: College & University Affiliations Program

Agency: U.S. Information Agency

Next Deadline: November 15, 1999

Supports international partnerships between U.S. & foreign institutions of higher education to strengthen mutual understanding & cooperation on specific themes of mutual interest. Eligible fields are education; the social, political, economic or environmental sciences; law, business; public administration; & communications. See <http://e.usia.gov/education/rfps>.

Contact: Debbie Trent, College & University Affiliations Program

Office of Academic Programs
301 4th Street, SW, Room 349
Washington, DC 20547
202/619-5289

AGENCY: U.S. Department of Education; Office of Special Education and Rehabilitative Services

ITEM: Notice inviting applications for new awards for FY 2000 under five programs authorized by the Individuals with Disabilities Act (IDEA). The five programs are as follows: Special Education—Research and Innovation to Improve Services and Results for Children with Disabilities (seven priorities); Special Education—Personnel Preparation to Improve Services and Results for Children with Disabilities (four priorities); Special Education—Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities (two priorities); Special Education—Technology and Media Services for Individuals with Disabilities (five priorities); and Special Education—Training and Information for Parents of Children with Disabilities (one priority).

CONTACT: For further information contact the Grants and Contracts Services Team, 202/205-9817. For applications contact the Education Publications Center, 877/4ED-Pubs (877/433-7827). Fax: 301/470-1244. See also,

<http://www.ed.gov/pubs/edpubs.html>.

Science/Engineering

Program: Initiative to Develop Education

Through Astronomy & Space Science

Agency: National Aeronautics and Space Administration

Next Deadline: Oct 15, 1999

Provides start-up funding for innovative projects that promote science education through astronomy & space science at all levels, especially precollege. The principal investigator must be

a professional in astronomy or space science & form a partnership with a professional educator. IDEAS program is one component of NASA's Office of Space Science Education & Public Outreach

Strategy, whose goal is to improve science, mathematics, & technology education, as well as science literacy in the U.S. See <http://ideas.stsci.edu/>.

Contact: Bonnie Eisenhamer, IDEAS Program, OPO

Space Telescope Science Institute
3700 San Martin Drive Baltimore, MD 21218
410/338-4798

Program: Integrated Research Challenges in Environmental Biology

Agency: National Science Foundation

Next Deadline: Nov 30, 1999

Supports projects that stimulate & facilitate integrated research in environmental biology, involving NSF's Divisions of Environmental Biology, Integrative Biology & Neuroscience & Biological Infrastructure. Projects can address such issues as interactions among multiple organisms, multiple species, multiple levels of organization & multiple biological, chemical, physical & evolutionary processes. Letters-of-intent will be due November 30, 1998-2001. Full proposals are due the 2nd Monday in January for years 2000-2002. See <http://www.nsf.gov/bio>.

Contact: Joann Roskoski, Deputy Division Director
Division of Environmental Biology
4201 Wilson Boulevard Arlington, VA 22230
703/306-1480

PROGRAM: Foliage Penetration Radar Bistatic Moving Target Indicator Mode Development

AGENCY: Department of the Air Force

DEADLINE: 9/30/2000

CONTACT: <http://cbd.cos.com/cgi-bin/getRec?id=19990823a2>

PROGRAM: Research Opportunities in Space Life Sciences: Gravitational Biology and Ecology Program

AGENCY: NASA/ Goddard Space Flight

Center

DEADLINE: 12/1/99

CONTACT: <http://cbd.cos.com/cgi-bin/getRec?id=19990823a9>

Agriculture

Program: Water Resources Assessment & Protection

Agency: U.S. Department of Agriculture

Next Deadline: Nov 15, 1999

Supports research on basic mechanisms that affect water quality. Research areas include: soils & microorganisms (basic biochemical, genetic, & molecular mechanisms of microbial uptake); plant/water contamination interaction (basic biochemical, genetic, & molecular mechanisms of whole plant uptake, the cellular, morphological adaptation of plants, & basic studies on species that accumulate contaminants); & wetland & riparian systems (reduction of agricultural or forest contaminates). See <http://www.ree.usda.gov/nri/> for FY 99 program announcement.

Contact: Berlie Schmidt, Associate Program Manager, Competitive Research Grants Office of Grants & Program Systems 901 D Street, SW, Room 303 Washington, DC 20251-2200
202/401-4504

Program: Agriculture Research Career

Enhancement Awards Program

Agency: U.S. Department of Agriculture

Next Deadline: Nov 15, 1999

Helps institutions to develop competitive research grant programs & attract new scientists into careers in priority areas of agriculture, food & environmental science. Components of the program include: postdoctoral fellowships; new investigator awards; & strengthening awards, which include research career enhancement awards, equipment grants, seed grants, & strengthening standard research project awards. See <http://www.ree.usda.gov/nri/>.

Contact: Peter Brayton, Assoc. Program Mgr., Competitive Research Grants Office of Grants & Program Systems 901 D Street, SW, Room 303 Washington, DC 20251-2200
202/401-5042

Jobs--continued from page 5

Other Professional

- Agricultural and Biological Engineering (4 positions, Time Limited)
- Athletics, Coordinator of Summer Camps
- Biochemistry and Molecular Biology, Research Assistant I (2 positions)
- Biological Sciences, Research Assistant I (Time Limited)
- Computer Application and Services, Network Project Assistant
- Continuing Education, Coordinator of Environmental and Safety Programs
- Continuing Education, Coordinator of Web Based Activities
- Continuing Education, Director of Credit Studies
- Continuing Education, Distance Program Specialist
- Continuing Education, Manager, Training Development and Conferencing
- Curriculum and Instruction, Research Assistant I (Time Limited 50%)
- Development, Director of Development of the College of Business and Industry
- Electrical and Computer Engineering, Research Engineer/Research Engineer I
- Engineering Research Center (ERC), Accountant
- Engineering Research Center (ERC), Editorial Assistant
- Engineering Research Center (ERC), Electronic Publications Specialist
- Engineering Research Center (ERC), Graphic Designer
- Engineering Research Center (ERC), Research Assistant I
- Engineering Research Center (ERC), Research Assistant I (3 positions)
- Engineering Research Center (ERC), Research Assistant I, II, or Senior (4 positions)
- Engineering Research Center (ERC), Research Engineer I (3 positions)
- Engineering Research Center (ERC), Video and Computer Support Specialist
- 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)
- Human Sciences, Teacher, Child Development Center (2 positions)
- Information Systems, Computer Programmer
- Information Systems, Database Programmer
- Information Systems, Programmer Analyst
- Library, Computer Services Office Manager
- Library, Instructional Media Center Assistant
- Library, MSU Library Web Site Manager
- MSU Laundry, Manager, Laundry and Dry Cleaners
- Mississippi State University Cooperative Extension Service/Geographic Information

- Systems, GIS Operator
- Mississippi State University Cooperative Extension Service/Geographic Information Systems, Business Manager (Time Limited)
- Mississippi Writing/Thinking, Assessment Coordinator (Part Time)
- Physics and Astronomy, Post Doctoral/Research Fellow (Time Limited)
- Plant and Soil Sciences, Research Assistant (2 positions)
- Plant and Soil Sciences, Research Assistant I
- Rehabilitation Research and Training Center on Blindness and Low Vision, RRTC Research Director
- Research and Curriculum Unit, Artist/Graphic Designer
- Social Science Research Center, Reporter/Technical Writer (Time Limited)
- Social Science Research Center, Research Assistant I Applicant Pool
- Sponsored Programs Administration, Regulatory Compliance Administrator
- Student Affairs, Peer Educator/Outreach Coordinator
- Student Support Services, Counselor (Time Limited)
- Systems and Networks, LAN Systems Analyst
- Technology and Education, Project Coordinator
- University Relations, Associate Director for Publications
- University Television Center, Video Writer/Reporter
- User Services, Computing Consultant (3 positions)
- User Services, Network Video Consultant
- Vet Medicine, Aquatic Animal Diagnostic Medicine Intern
- Vet Medicine, Chief Biostatistician
- Vet Medicine, Medical Technologist I
- Vet Medicine, Research Assistant I
- Vet Medicine, Research Assistant I/II (2 positions)
- Vet Medicine, Resident (Time Limited)
- Wildlife and Fisheries, Animal Care Coordinator
- Wildlife and Fisheries, Extension Assistant (Fisheries)
- Coastal Research and Extension Center, Research Assistant I
- Delta Research and Extension Center (Stoneville, MS), Extension Production Economist/Farm Management
- MAFES/Delta Research and Extension Center, Research Assistant I
- 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 each Tuesday and Friday.

Orientation attendance reaches all-time high

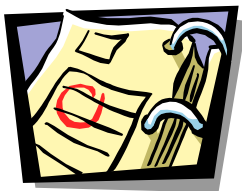
For the fifth consecutive year, the total number of participants in MSU's summer orientation set an all-time record.

More than 1,600 incoming freshmen attended the June pre-enrollment programs. With the 947 transfer students primarily from community colleges attending separate sessions, more than 2,500 new students pre-registered for fall classes over the monthlong period.

Total attendance for freshman and transfer students, including their parents, was 4,501, a 2 percent increase over last year.

The university long has encouraged first-time students and their parents to attend one of five June orientations. The primary goal is to make the transition to campus life as smooth as possible.

"In many instances, this is the first introduction a student and his or her parents have to Mississippi State," said Jimmy Abraham, director of enrollment services. "Through these sessions, we work to calm the nerves of new students while answering the concerns of their parents."



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!

Ongoing Events, Activities

An exhibition of work by Department of Art faculty will remain on display through Sept. 24 in the McComas Hall gallery. 325-2947.

September

21

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

22

Grant-writing workshops, Coskrey Auditorium, Memorial Hall, 9-10:30 a.m. and 1-4:30 p.m. 325-3570.

23

Fall general faculty meeting, McComas Hall theater, 3:45 p.m.

24

"Some U.S. Geography" and "American Higher Education;" International Student Mandatory Extended Orientation, Rogers Auditorium of McCool Hall, 3-5 p.m. 325-8929.

MSU vs. Alabama, women's soccer, MSU soccer field, 4 p.m.

"Mind-Altering Concert" with Mark Applebaum, Colvard Union front lawn, noon-1 p.m. 325-3070.

Research Administration Workshop satellite broadcast, "Cost Sharing," Tait Butler Room, Wise Center, 10 a.m.-2 p.m. Box lunches will be provided. Registration (required) is available through the Office of Sponsored Programs' home page <www.msstate.edu/Dept/SPA/calendar.html>. 325-7404. (See story on page 2).

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

New faculty reception, third-floor Grisham Room, Mitchell Memorial Library, 3 p.m. 325-7671. (See story on page 2).

25

MSU vs. South Carolina, football, Scott Field, 6 p.m.

25, 26

Fall Plant Sale, Arboretum Greenhouse, Crosby Arboretum, 370 Ridge Road, Picayune. Members sale, 9-10 a.m.; public sale, 10 a.m.-3 p.m. Free admission. (601) 799-2311, extension 21.

26

MSU vs. Auburn, women's soccer, MSU soccer field, 1 p.m.

27

Hearin Biotechnology Seminar Series: Dr. Raymond Zilinskas, senior scientist, Center for Nonproliferation Studies of Monterey Institute of International Studies and adjunct professor, Johns Hopkins University, "Implications of Modern Biotechnology for Biocriminality," Colvard Union small auditorium, 1-2 p.m. 325-9511.

28

Hearin Biotechnology Seminar Series: Dr. Raymond Zilinskas, senior scientist, Center for Nonproliferation Studies of Monterey Institute of International Studies and adjunct professor, Johns Hopkins University, "Biological Inspections in Iraq: Lessons for International Arms Control," Colvard Union small auditorium, 10-11 a.m. 325-9511.

October

1

Last day for forms and proposals for curriculum changes.

"The INS and You," International Student Mandatory Extended Orientation, Rogers Auditorium of McCool Hall, 3-5 p.m. Immigration attorney David Ware of New Orleans will provide overview, followed by question-and-answer session. 325-8929.

MSU vs. Florida, women's volleyball, Newell-Grissom Building, 7 p.m.

1, 2

Mid-South Forestry Equipment Show, featuring live demonstrations and contests, John W. Starr Memorial Forest, Highway 25, 15 miles south of Starkville. 325-2191.

2

"Harvest Figures," Felder Rushing will guide participants through basic scarecrow design and construction, along with a talk on scarecrow lore. Pinecote Pavilion, Crosby Arboretum, 370 Ridge Road, Picayune, 2-3 p.m. Member adults \$5, children under 12 \$2. Non-member adults \$8, children \$5. (601) 799-2311, extension 21.

2, 3

AQHA Split/Combined Horse Show sponsored by MSU Block and Bridle, MSU AgriCenter, 716 Poorhouse Road E. Call Toni Norris, 325-6312, 324-3146.

4

Last day to drop a course with a "W" grade.

School of Architecture Fall 1999 Lecture Series: architect Peter Lynch, Bloomfield Hills, Mich., Giles Hall, 1 p.m. 325-2202.

5

New Faculty Research Orientation Workshop, Bost Extension Center theater, 1-5 p.m. 325-3570. (See story on page 3).

7

MSU vs. Jacksonville State, women's soccer, MSU soccer field, 4 p.m.

Miss Reveille pageant, Humphrey Coliseum, 7 p.m. 325-2930.

8

MSU vs. Belmont University, women's soccer, MSU soccer field, 4 p.m.

"Computer Use: How to at MSU" and "Student Safety" International Student Mandatory Extended Orientation, Rogers Auditorium of McCool Hall, 3-5 p.m. 325-8929.

11-15

Wood Magic Science Fair, Forest Products Lab. Call Amy Garrard, 325-8453.

12, 13

College Bowl, third floor, Colvard Union. 325-2930.

15

"Cooperative Education and Career Services--Thinking About Employment Now and in the Future," International Student Mandatory Extended Orientation, Rogers Auditorium of McCool Hall, 3-5 p.m. 325-8929.

MSU vs. Tennessee, women's volleyball, Newell-Grissom Building, 7 p.m.