

to the faculty and staff of Mississippi State University

Aerospace prof appointed to national computing panel

President Bill Clinton named a Mississippi State aerospace engineering professor to a panel that is working to improve the nation's high-performance computing capabilities.

Joe Thompson, a Giles Distinguished Professor, joins nearly 20 others on the Advisory Committee on High-Performance Computing and Communications, Information Technology, and the Next Generation Internet.

At its first meeting in February, the committee will begin work on the Next Generation Internet Initiative announced by the president last year. Members also will examine a range of issues in high performance computing, networking and related areas.

Made up of university and industry experts, the committee includes the director of Rice University's Center for Research on Parallel Computation, who will co-chair the group with the research vice president at Sun Microsystems Inc. Among others are representatives of MCI Communications, Hughes Electronics Corp., Lawrence

Livermore National Laboratory, Stanford University, Silicon Graphics, AT&T Labs, and the University of California at Berkeley.

Thompson recently testified before Congress in support of NGI, a multi-agency effort that includes the Defense, Commerce and Energy departments, as well as NASA and the National Science Foundation.

The Clinton administration is requesting \$300 million to implement the improved Internet capability and foster greater research and teaching collaborations. Administration officials say today's high-speed computing system is slowed by tremendous usage.

A Grenada native and Mississippi State alumnus, Thompson serves as special assistant for the research vice president in high performance computing.

In 1990, he led in establishing a National Science Foundation Engineering Research Center for Computational Field Simulation at MSU.



Thompson

Conducting multidisciplinary research in computational engineering and microelectronics, it is one of only 26 NSF-supported engineering research centers in the nation.

America's Cold War theme of annual history assembly

Four national historians offer new perspectives this week on the 45-year struggle against communism during Mississippi State's 16th annual history assembly.

"Rethinking America's Cold War" is the theme of the university's Presidential Forum on Turning Points in History, a public program being held Nov. 11-12.

The first session begins at 2 p.m. Nov. 11 at Starkville High School. Succeeding sessions will be held in the Simrall Hall auditorium on the MSU campus at 7 p.m. that same day, and at 2 p.m. and 7 p.m. Wednesday. President Donald Zacharias officially opens the campus segment at the Tuesday night event.

Featured speakers include Christian F.

Ostermann of the Woodrow Wilson International Center for Scholars in Washington, D.C.; Walter L. Hixson of the University of Akron; Michael J. Hogan of Ohio State University; and Carol Anderson of the University of Missouri-Columbia.

Sponsored by the History Department, with support from the Mississippi Humanities Council and the College of Arts and Sciences, this year's program includes:

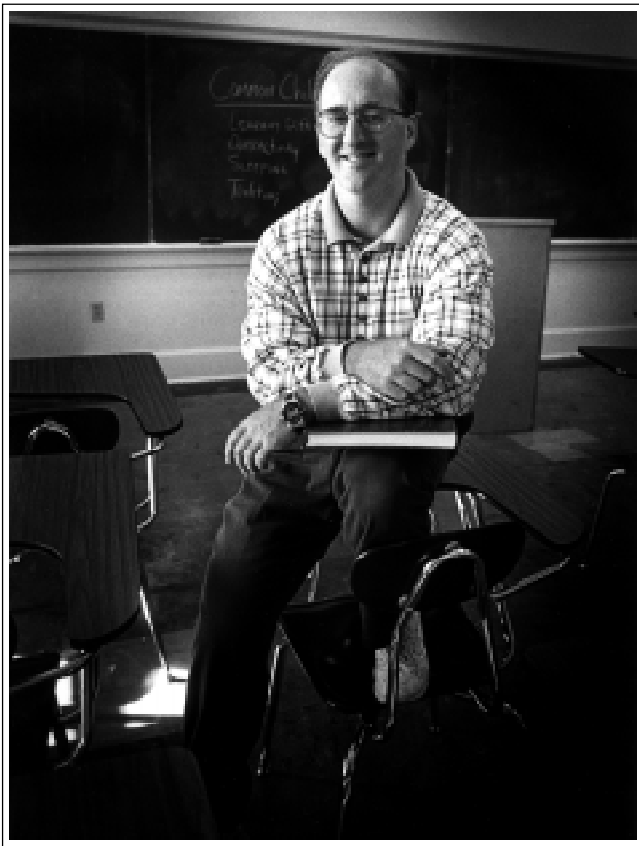
—2 p.m., Tuesday, Nov. 11, "The Cold War," a film documentary followed by an open discussion (see Starkville High principal's office for location);

—7 p.m., "Rethinking the Cold War: New Evidence from East Bloc Archives," Ostermann;

—10 a.m., Wednesday, Nov. 12, "Reassessing George Kennan after the End of the Cold War," Hixson, and "The Soviet Bloc and U.S. Containment Policy," Ostermann;

—2 p.m., "From the Ashes: The Marshall Plan and the Reconstruction of Europe," Hogan, and "Democracy Begins at Home: The African-American Response to the Truman Doctrine," Anderson.

A 7 p.m. panel discussion concludes the forum. Joining the four speakers will be Mississippi State historian Janos Radvanyi, a former Hungarian diplomat who now holds the university's Chair in International Security and Strategic Studies. Richard Damms, assistant professor in the History Department, will serve as moderator.



*T. Stuart
Watson*

Researcher co-edits child psychology guide

Child behavior problems ranging from school attendance and concentration to eating disorders and antisocial behavior are covered in a new reference text co-edited by a Mississippi State professor.

"The Handbook of Child Behavior Therapy" is being issued this month by New York-based Plenum Press. The 500-page work is the product of T. Stuart Watson, an educational psychology professor and researcher at MSU, and Frank M. Gresham of the University of California at Riverside.

"The book is divided into sections that reflect where behavior problems are manifested and treated," Watson said. These include school- and home-based problems, medical and pediatric problems and problems that cross settings, he explained.

"We believe treatment should be based on the function of behavior," Watson said. "In other words: What motivates a child?"

Watson said the publication is the first of its kind to approach therapy in this way. "The aim of the book is to provide both the 'what to do' and the 'how to do it' of child behavior."

In addition to serving as a professional reference, the book may be used as a course text by graduate students.

Watson, who holds a doctorate from the University of Nebraska, also is the author of a forthcoming textbook on school crime and violence. Scheduled for release early next year, it will focus on ways to get students involved in addressing safety issues on campus.

Collegiate advisers to gather here for meeting

Nearly 100 academic advisers from the state's community and senior colleges will hold their seventh annual meeting Nov. 13 at Mississippi State.

The program at Memorial Hall begins with registration at 8 a.m. and concludes at 3:30 p.m.

Making presentations will be Dean J. Maurice Mahan and Assistant Dean Jack Gordy of the University of Mississippi Medical Center, Dean J. Richard Hurt of the Mississippi College School of Law, and academic counselor Lanna Miller of Mississippi State.

Mississippi State's Academic Advising Center is host for the year's gathering.

"These meetings provide a valuable repository of shared knowledge and expertise for those of us who work daily to meet students' diverse academic advising needs," said the center's Paula Raffo, chair of the organizing committee.

Among this year's program highlights will be presentations on the health and legal professions, as well as methods to motivate students with academic deficiencies.

For additional information on the program, telephone the advising center at 325-4052.

Durham interviews for research post

Vice President for Research candidate Dr. Donald L. Durham, technical/deputy director, Naval Meteorology and Oceanography Command at the Stennis Space Center, began interviewing Nov. 9 and will continue through the 11th.

His remaining schedule is as follows:

Nov. 10—7-8 a.m., Breakfast with search committee

8:15-8:25 a.m., Dr. Donald Zacharias

8:45-9:45 a.m., Deans, 612 Allen

9:45-10:30 a.m., Office of Research staff, 612 Allen

10:45-11:30 a.m., Department heads, 130 McCool

11:45 a.m.-1 p.m., Lunch

1:30-3 p.m., Research Directors Council, 130 McCool

3:30-5 p.m., Faculty, First Floor Auditorium, Library

5:30 p.m., Return to hotel

6:30 p.m., Dinner with committee members

Nov. 11—7-8 a.m., Breakfast with Clay Taylor and committee members

8:30-9:15 a.m., Vice Presidents, 611 Allen

9:15-10 a.m., Vice President for Agriculture, Forestry and Veterinary Medicine, 611 Allen

10:15-11:15 a.m., Research Operations Council, 611 Allen

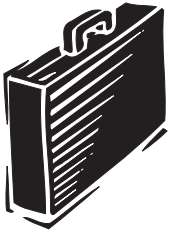
11:30 a.m.-12:45 p.m., Lunch

1-2 p.m., Dr. Donald Zacharias

2-3 p.m., Search Committee, 611 Allen

3:15 p.m., Conclude

For the latest information, access the search web site at <<http://www.msstate.edu/web/vpr/index.html>>.



Employment Opportunities

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

EXECUTIVE, ADMINISTRATIVE and MANAGERIAL

- Chemistry, Department Head
- Foreign Languages, Department Head
- Forest Products, Department Head
- Mathematics and Statistics, Department Head
- Research, Vice President

FACULTY

- Animal and Dairy Science, Assistant/Associate Professor/Assistant Animal Scientist
- Architecture, Associate Dean/Associate Professor/Professor
- Architecture, Associate Professor, Computer Graphics/Visualization
- Art, Assistant Professor - Animator
- Art, Assistant Professor - Animator
- Biological Sciences, Assistant Professor, Immunologist
- Biological Sciences, Assistant Professor, Physiologist
- Business and Industry, Assistant Professor, Economics
- Business and Industry, Assistant/Associate/Professor, Information Systems
- Business and Industry, Assistant/Associate/Professor, Management
- Business and Industry, Assistant Professor, Marketing
- Business and Industry, Assistant/Associate/Professor, Real Estate
- Business and Industry, Lecturers (Part Time, Time Limited)
- Chemical Engineering, Professor (Hunter W. Henry Chair)
- Computer Science, Assistant/Associate Professor
- Diagnostic Instrumentation and Analysis Lab, Research Scientist/Engineer I or II or Senior Research Scientist/Engineer (3 positions)
- Education, College of, Lecturer (Part-Time)
- Engineering, College of, Lecturers (Part Time, Time Limited)
- English, Assistant Professor,

- Creative Writing
- English, Assistant Professor, Twentieth-Century British Literature
- Entomology and Plant Pathology, Assistant/Associate Entomologist
- Foreign Languages, Assistant Professor
- Forestry, Assistant/Associate Professor
- Forestry, Assistant/Associate/Full Professor
- Library, Reference Service Librarian/Instructor
- Math and Statistics, Assistant/Associate/Full Professor
- MCES, Wood Products Specialist, Food and Fiber Cent
- Physics and Astronomy, Assistant or Associate Professor
- Plant and Soil Sciences, Assistant/Associate Professor
- Technology and Education, Assistant Professor (4 positions)
- Vet Medicine, Assistant/Associate Professor, Anatomy
- Vet Medicine, Assistant/Associate Professor, Food Safety Research and Service
- Vet Medicine, Assistant/Associate Professor, Molecular Biology (Poultry)
- Vet Medicine, Assistant/Associate Professor, Swine Production Medicine
- Wildlife and Fisheries/MAFES, Assistant/Associate/Full Professor, Aquaculture Biologist
- Delta Research and Extension Center, Stoneville, Assistant/Associate Agronomist/Plant Breeder
- Engineering Research Center, Wright-Patterson AFB, OH and Aberdeen Proving Ground, MD, Research Engineer I or II CTA Specialist -Computational Fluid and Dynamics (2 pos.)
- MAFES, Crystal Springs, Assistant/Associate Horticulturist
- MASEP, Assistant Instructor Pool
- MASEP, Instructor Pool
- Meridian Campus, Lecturers (Part Time, Temporary)

- Meridian Campus, Social Work Chair/Associate Professor
- Social Science Research Center, Biloxi, MS, Assistant Instructor
- OTHER PROFESSIONAL**
- Agricultural Communications, Graphic Designer/Illustrator
- Agricultural Communications, TV/Video Producer
- Agricultural Communications, World Wide Web Designer/Trainer
- Aircraft Operations, Aircraft Pilot/Co-Pilot
- Business and Industry, College of, Development Officer
- Colvard Student Union, Assistant Director for Programs
- Comptroller and Treasurer, Sponsored Programs Accountant
- Computer Applications and Services/Ag. Communications, Computer/Instructional Technologist
- Computer Applications and Services, Project Assistant-Technology Transfer Program
- Development, Office of, Director of Patrons Program
- Diagnostic Instrumentation and Analysis Lab, Research Assistant I, II, or III (4 positions)
- Engineering, College of, Undergraduate Coordinator
- Engineering Research Center (ERC), Research Assistant I (2 positions)
- Entomology and Plant Pathology, Cotton Entomology Program Assistant
- Forest Products, Postdoctoral Assistant (Time-Limited)
- Forest Resources, College of, Student Services Coordinator
- Forestry, Graduate Research Assistantship (2 positions)
- Housing and Residence Life, Business Manager
- Information Systems and User Support, Computer Programmer
- Information Systems and User Support, Computing Consultant
- Information Systems and User Support, Programmer Analyst
- Library, Computer Services Assistant
- Physical Plant, Mechanical Engineer
- Physical Plant, Utility Engineer
- Recreational Sports, Assistant Director (Intramural Sports)
- Research, Vice President for, Research Outreach Coordinator
- RRTC on Blindness and Low Vision, Research Director (Search Extended)

- Social Science Research Center, Research Assistant I Pool (Time Limited)
- Student Financial Aid and Scholarships, Asst. Computer Info Resources Coord.
- Student Financial Aid and Scholarships, Counselor
- Student Health Center, Health Educator
- Student Health Center, Staff Physician
- Systems and Networks, LAN Systems Programmer
- Systems and Networks, Manager of Hardware Support
- Systems and Networks, Network Infrastructure Specialist
- Systems and Networks, Sr. LAN Systems Analyst (2 Positions)
- Systems and Networks, Sr. LAN Systems Programmer
- Systems and Networks, Sr. UNIX Systems Programmer
- Systems and Networks, Visiting LAN Systems Programmer (2 Positions)
- Veterinary Medicine, Histotechnologist I/II/Sr.
- Veterinary Medicine, Medical Technologist/II/Sr.
- Center for Air Sea Tech, Stennis Space Center, Research Assistant I (5 positions)
- Center for Air Sea Tech, Stennis Space Center, Senior Research Assistant
- MCES, Bright Futures Early Identification Worker (5 positions: Coahoma, Forrest, Holmes, Itawamba and Sharkey counties)
- MCES, Bright Futures Parenting Educator (3 positions: Forrest, Itawamba and Sharkey counties)
- MCES, 4-H Youth Agent, Jones County (Laurel, MS)
- University Television Center, Distance Education Facilitator (2 positions: Stennis Space Center, MS and Washington, D.C.)
- Vet Medicine, Stoneville, Research Assistant I
- 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.



Calendar of Events

Send your calendar items to

Calendar, 102 George Hall; Campus Mail Stop 9512; FAX 325-7455; e-mail

jonesk@ur.msstate.edu.

Please notify Calendar of Events at least **TWO WEEKS** in advance. For updates, check: http://msuinfo.ur.msstate.edu/hot_news/events.htm

November

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HTML Workshop, Information Systems and User Support, User Services, Hull Hall computer lab, 1-4 p.m. 325-0861.

U.S. Rep. Chip Pickering (R-Miss.) to speak on "Implications of the Telecommunications Act of 1996 for Education," Wise Center auditorium, 3-4:30 p.m. 325-3717.

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MSU vs. Russian team, women's basketball (exhibition), Humphrey Coliseum, 4:30 p.m.

MSU vs. Arkansas Express, men's basketball (exhibition), Humphrey Coliseum, 7 p.m.

"Proposal Review Process" Panel Discussion, USDA, 2102 T.K. Martin Center, 3 p.m. 325-3570.

"Fundamentals of Marketing: From Product to Profit," Continuing Education, through Dec. 16, Memorial Hall, 6-9 p.m. 325-8877.

"Intermediate Excel," Continuing Education, 107 Dorman Hall, 1-5 p.m. 325-8876.

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MSU vs. Jacksonville (Ala.) State, women's volleyball, Newell-Grissom Building, 7 p.m.

Fall Networking Luncheon, sponsored by President's Commission on the Status of Women, Colvard Union ballroom, 11:30 a.m.-1:30 p.m. 325-1078.

"Proposal Review Process" Panel Discussion, EPA, 2102 T.K. Martin Center, 2 p.m. 325-3570.

"Proposal Review Process" Panel Discussion, DOE/DOD, 2102 T.K. Martin Center, 3 p.m. 325-3570.

New faculty members receive grants

Three new faculty members are receiving research facilitation awards from the Office of Research.

Rayford Vaughn of computer science, J. Alexander Thomasson of agricultural and biological engineering, and Amie Oliver of art received \$500 grants to help develop their research programs. The research office began the competitive program last year.

Awards are made on the basis of concept papers and are announced during an annual research orientation workshop for new faculty members and researchers.

Vaughn will develop a "state of national security" summit at the university to address security issues associated with the national information infrastructure, in particular the Internet and web-based applications.

A former senior executive with Virginia-based Electronic Data Systems, he also has headed a major software development activity for the U.S. Army and has participated in computer security research

while working at the U.S. National Security Agency. He holds a Ph.D. in computer science from Kansas State University.

Thomasson will procure data acquisition software for use in research dealing with precision farming and crop processing. His work will allow real-time graphical visualization of data and real-time interaction of data with computer software.

He earned a Ph.D. in 1997 from the University of Kentucky, a master's in 1989 from Louisiana State University, and a bachelor's degree in 1987 from Texas Tech.

Oliver will create a multi-media performance/installation titled "An Evening with Ms. Venus de Milo." The presentation will involve music, a monologue with actors or recorded voices, an installation of drawings and photographs, a video, and a web site.

Formerly an associate professor at Longwood College in Virginia, she holds a master's degree from Bowling Green State University and a bachelor's from Mississippi State.



Dr. Melvin Ray (left) and Dr. Clay Taylor (right) of the Office of Research congratulate research facilitation grant recipients (from left) Alex Thomasson of agricultural and biological engineering, Amie Oliver of art and Rayford Vaughn of computer science.