

# MEMO

To the Faculty and Staff of Mississippi State University

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Volume 29

Issue 29

## Researchers, DTI agree on patent license agreement

America's war-fighting ability on remote battlefields is getting a jolt from power electronics technology developed by researchers at Mississippi State's Center for Advanced Vehicular Systems.

CAVS scientists Marshall Molen and Mike Mazzola are harnessing the internal combustion engine of high-mobility vehicles such as the Army's Humvee to generate electricity for powering on-board radar systems in rugged, combat environments.

"Today, the Army must tow a Sentinel radar system behind a Humvee with a large, separate generator as the power source," said Molen, the project's principal investigator. "If it breaks and you're in the middle of Iraq or wherever, you're in trouble.

"We have prepared a retrofit kit that will generate electrical power on that battlefield," he added. "These kits provide electrical interface with the vehicle to power a radar system or field hospital units, or just provide back-up emergency power."

The MSU technology was developed over the past four years through CAVS' participation in the Army Radar Power Technology Program. Located at the U.S. Army Space and Missile Defense Command in Huntsville, Ala., the multi-million-dollar program produces Humvee-powered radar systems for rapid, sustainable deployment in the field.

"All combat systems of the future will be judged by their ability to support a forward deployed, highly mobile combat force," said Mazzola.

In a definitive patent license agreement recently executed, Diversified Technology Inc. has acquired the Tactical Mobile Power Technology from MSU. The Ridgeland company will modify, repackage and mold it into hardened combat-ready equipment.

The university will share in royalties generated by commercialization of the 10-kilowatt Vehicular Power Source (VPS-10K).

## Author, television producer to visit

A New York City-based children's advocate, television producer and author will be the guest for a special April 5 program at Mississippi State.

Tonya Lewis Lee, who in 2002 co-authored the children's book "Please Baby Please" with her husband, filmmaker and actor Spike

Lee, will be honored during a 5-6:30 p.m. public reception at the John Grisham Room of Mitchell Memorial Library.

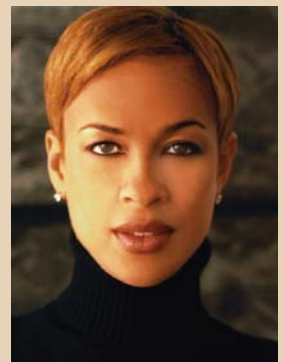
Her visit coincides with MSU's annual Children's Reading Conference, which begins the following day. "We're thrilled to have Mrs. Lee on our campus during a time when we celebrate children and literacy," said conference organizer Nancy Verhoek-Miller.

The MSU professor of curriculum and instruction said Lee will take time during the reception to discuss her role in producing the television mini-series "Miracle's Boys," which is based on the award-winning book by Jacqueline Woodson.

"Mrs. Lee also will read from her own book, 'Please Baby Please,' during the reception and events the following day," Verhoek-Miller added. The book will be available for purchase and signing at the reception.

More than 100 area school children are

*Continued on page 2*



Lee



Chief Phillip Martin (l) was the featured speaker recently for the 2005 MSU Academic Achievement Awards program. Prior to the Bost Center auditorium event, the longtime leader of the Mississippi Band of Choctaw Indians visited with Provost Peter Rabideau and students Johanna Lopez and Javon Fairley. The awards program is sponsored by the Richard Holmes Cultural Diversity Center.



## Former Mississippi first lady to be honored at campus program

Former Mississippi first lady Pat Fordice will be among 10 persons honored at a March 30 program sponsored by the university's oldest women's issues organization and AmSouth Bank.

Fordice will receive the 2005 Outstanding Mississippi Woman Award, the highest honor given annually by the President's Commission on the Status of Women. Marsha Barbour, the state's current first lady, will present the award to Fordice on behalf of Gov. Haley Barbour.

The program and the reception that follows will take place 3-5 p.m. in the John Grisham Room of Mitchell Memorial Library.

Also receiving awards will be: Dr. Melissa Mixon, Outstanding Executive/Administrative/Managerial Woman; Dr. Connie Lester, Outstanding Faculty Woman; Susan Seal, Outstanding Professional Non-Faculty Woman; Tammy Coleman, Bettye Douglas Memorial Outstanding Secretarial/Clerical Woman; Mary Brooks, Outstanding Service/Maintenance Woman; Cindy Wasson, Outstanding Technical/Paraprofessional Woman; Holli Hitt of Tuscaloosa, Ala., Jan Batchelder Memorial Outstanding Undergraduate Woman; Jennifer L. Dearman of Starkville, Outstanding Graduate Woman; and Sherrie Wiygul, Outstanding Community Woman.

For additional information, contact Lillian Wade at 325-7390.

### Lee—continued from page 1

expected at the April 6 Children's Reading Conference, being held this year in the Mitchell Memorial Library auditorium. Aundrea Self, a Starkville native who co-anchors WCBI-TV's "Sunrise" and "Midday" programs at the Columbus station, is the keynote speaker.

"Aundrea is a tutor for at-risk elementary students and very active in the community," Verhoek-Miller said. "She has made a commitment to being involved with civic and education efforts."

In addition to the Curriculum and Instruction Department, Lee's visit is sponsored by the Holmes Cultural Diversity Center, College of Education, Early Childhood Institute, and the MSU Libraries.

"We are pleased to have Mrs. Lee here during the celebration of National Poetry Awareness Month in April," said Holmes Center Director Aretha Jones Cook. "To have her read to students, faculty and staff is going to be great."

Lee will read from her children's book at 10:30 a.m. on the 6th.

A graduate of Sarah Lawrence College and the University of Virginia law school, Lee turned to writing and TV production after specializing for several years in First Amendment issues with a major Washington, D.C., law firm.

Among her production accomplishments are a series of Black History Month spots for the Nickelodeon and Nick at Nite networks. She also served as executive producer for the 2005 television mini-series "Miracle's Boys," that aired on Noggin/The N.

In concert with her professional activities, she serves on the boards of the NAACP Legal Defense and Educational Fund and Children for Children Foundation.

For more information about Lee's visit or about the Children's Reading Conference, telephone Verhoek-Miller at 325-3747.



Twenty selected faculty members devoted their spring break week to a 40-hour Boot Camp at the Information Technology Services Laboratory in McArthur Hall. Sponsored by the Office of Academic Affairs, the program helped them learn to successfully integrate instructional technology into their classes. As an additional reward, participants received a laptop computer loaded with all software covered during the training.



# MSU literary scholar to address symposium

Mississippi State literary scholar Noel Polk will be the featured speaker at an April 7 public event on the eve of the university's third annual Graduate Student Association Research Symposium.

The English professor and editor of the Mississippi Quarterly will speak at 7 p.m. in 125 McCool Hall. His presentation, "Living Outside History," will follow a 6:30 p.m. reception in 130 McCool.

The research symposium takes place on the 8th at the Wise Center.

A specialist in American fiction, Polk has published and lectured widely in this country, Europe, Japan, and the former Soviet Union on the works of Mississippi writers William Faulkner and Eudora Welty. He joined the MSU faculty last fall.

"Dr. Polk is a world-renowned literary expert and one of our own," said Lakiesha

Claude, GSA president. "He's a reflection of some of the extraordinary talent



Polk

encompassed within MSU. "Our GSA Research Symposium the following day [April 8] will provide an avenue for more displays of the many aspects of

research and outstanding talent here at MSU," she added.

Polk's more than 25 book publications include "Children of the Dark House: Text and Context in Faulkner" (1996); "Eudora Welty: A Bibliography of Her Work" (1993); and "Outside the Southern Myth" (1997).

## DataBasics

By Deborah Lee  
MSU Libraries

### Who's Citing You?

Whether you're tracking a critical article or documenting the impact of your own work, citation analysis is a critical research skill.

Alan Pritchard termed the phrase "bibliometrics" in 1969, and it refers to the quantitative study of citation patterns within a field. The MSU Libraries provides several resources that can track citation patterns, both within your field and in allied disciplines.

The "gold" standard for citation analysis is the ISI citation indexes. Published collectively only as the Web of Science, these databases were the first to provide in-depth citation analysis. The Web of Science is composed of three databases: Science Citation Index Expanded, Social Science Citation Index, and Arts/Humanities Citation Index. The MSU Libraries provides Web access back to 2000, with access to older works in CD-Rom and in the print reference collection. Science Citation Index Expanded provides access to 5,900 scholarly science and technical journals; Social Science Citation Index covers more than 1,700 scholarly social science journals; and Arts/Humanities Index lists more than 1,130 arts and humanities journals. A new feature inside the Web of Science allows users to flag their publications in their own personal profiles. Once flagged, the database will automatically notify you when your article is cited.

While the ISI citation indexes were one of the first reference tools to provide citation analysis, they are not the only source. Many electronic databases gradually are incorporating at least some limited form of citation analysis. SciFinder Scholar, the online version of Chemical Abstracts, permits citation analysis within the database, as does selected articles inside IEEE Xplore. MathSciNet, the online version of Mathematical Reviews, also is including both references and reference citations (citing sources). And two of the largest databases owned by MSU, Academic Search Premier and Business Source Premier, are both incorporating selected citation analysis.

Finally, the new service called Google Scholar permits some limited citation analysis, based on scholarly material indexed inside the search engine. The service, available at scholar.google.com, will not replace the other services, but does add a useful complement to more exhaustive searches in databases such as the Web of Science.

The research staff at the Ready Reference Desk will gladly help you use these and any of the research databases available through the MSU Libraries' Web page. A workshop on citation analysis also is available for presentation to classes or departments.

For more information, contact Deborah Lee at 325-0810 or dlee@library.msstate.edu.

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## 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](mailto:jonesk@ur.msstate.edu) at least **TWO WEEKS** in advance. For updates, check [www.msstate.edu](http://www.msstate.edu) and click on "Calendar of Events."

To list calendar events online, access [www.ur.msstate.edu/news/today.asp](http://www.ur.msstate.edu/news/today.asp) and follow the instructions.

## March 29

Presentation: Dr. Florence P. Haseltine, director of the National Institutes of Health center that studies reproductive health issues, Mitchell Memorial Library auditorium, 7 p.m. 325-1466.

Free concert: Jason Bahr, music education, will premiere two compositions, Bettersworth Auditorium, Giles Hall, 7:30 p.m. 325-3070.

Human Resources Management session: "Performance Appraisal of Professional and Support Staff," HRM, 150 McArthur Hall, 2-4 p.m. Open to supervisors; registration required. 325-3713 or [helms@hrm.msstate.edu](mailto:helms@hrm.msstate.edu).

ITS workshop: "Microsoft Excel 2003 II," 10 McArthur Hall, 8:30 a.m.-noon. [www.its.msstate.edu/Information/Workshops/](http://www.its.msstate.edu/Information/Workshops/).

Distinguished Jurist Award Program, John Grisham Room, Mitchell Memorial Library, 11 a.m. 325-7864.

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Outstanding Woman Awards ceremony, Grisham Room, Mitchell Memorial Library, 3 p.m. 325-7390. (see story page 2)

ITS workshops: "Adobe Acrobat 6.0 II," 1:30 -5 p.m.; "BANNER: Electronic Approvals," 10 a.m.-noon. Both at 10 McArthur Hall. [www.its.msstate.edu/Information/Workshops/](http://www.its.msstate.edu/Information/Workshops/).

## 31

Workshop: "Research and Dissertation Basics," ELI/Giles electronic classrooms, Mitchell Memorial Library, 3 p.m. Registration required. Deborah Lee, 325-0810 or [dlee@library.msstate.edu](mailto:dlee@library.msstate.edu).

IRB training, Mitchell Memorial Library auditorium, 2 p.m. Register at [www.msstate.edu/dept/compliance/irb/irbtrainschedule.htm](http://www.msstate.edu/dept/compliance/irb/irbtrainschedule.htm).

Mississippi State Technology Showcase will allow faculty members to learn about research groups on campus and how collaborations may be formed, Hunter Henry Center, 6 p.m. 325-4308.

## April 1

Workshop: "Developing a Literature Review," ELI/Giles electronic classrooms, Mitchell Memorial Library, 2 p.m. Registration required. Deborah Lee, 325-0810 or [dlee@library.msstate.edu](mailto:dlee@library.msstate.edu).

## 1 and 2

College of Veterinary Medicine Open House, Wise Center, 8:30 a.m.-3:30 p.m. 325-1326.

## 2

15th annual International Fiesta, Drill Field, 10 a.m. 325-2648.

## 5

Workshop: "EndNote 101," ELI/Giles electronic classrooms, Mitchell Memorial Library, 5:30 p.m. Registration required. Deborah Lee, 325-0810 or [dlee@library.msstate.edu](mailto:dlee@library.msstate.edu).

Author and television producer Tonya Lewis Lee will be honored at a reception as part of the annual Children's Reading Conference, John Grisham Room, Mitchell Memorial Library, 5-6:30 p.m. 325-3747. (see story page 1)

## 6

Workshop: "Bringing the World to Mississippi: United Nations Resources," ELI/Giles electronic classrooms, Mitchell Memorial Library, 1 p.m. Registration required. Deborah Lee, 325-0810 or [dlee@library.msstate.edu](mailto:dlee@library.msstate.edu).

## 7

Workshop: "Cheating 101: Keeping Plagiarism Out of Your Classroom," ELI/Giles electronic classrooms, Mitchell Memorial Library, 3 p.m. Registration required. Deborah Lee, 325-0810 or [dlee@library.msstate.edu](mailto:dlee@library.msstate.edu).

Literary scholar Noel Polk will speak on "Living Outside History," 125 McCool Hall, 7 p.m. The presentation follows a 6:30 p.m. reception in 130 McCool. (see story page 3)

## 14

Internal Audit session: "Preparing for A+ Audits, Departmental Controls and Self Assessment," Best Extension Center theater, 2-4 p.m. Open to unit heads and employees involved in payroll, purchasing and budgets; registration requested. 325-3713 or [helms@hrm.msstate.edu](mailto:helms@hrm.msstate.edu).

## 19

Workshop: "Research and Dissertation Basics," ELI/Giles electronic classrooms, Mitchell Memorial Library, 3 p.m. Registration required. Deborah Lee, 325-0810 or [dlee@library.msstate.edu](mailto:dlee@library.msstate.edu).