



Need for speed

Workshop attendees leap at chances to study aerospace

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a biweekly publication for the Middle Tennessee State University community

June 29, 2009 • Vol. 17/No. 24

the RECORD

Whale of a workshop



TMSTEC

Tennessee Mathematics, Science, and Technology Education Center



IS THERE ROOM?—Participants in the Tennessee Mathematics, Science and Technology Education Center math and science teachers' workshop help inflate a life-size whale used for classroom skills enhancement by biology teacher Jennifer Dye of Pope John Paul II High School. At left, Sara Mittura of Clarksville High School uses a fan to inflate the whale, while above, workshop coordinator Dr. Mary Martin, center, directs placement of the creature outside the Tom Jackson Building. The workshop is part of a nearly \$4 million math-science TMSTEC partnership grant awarded to Martin and Dr. Dovie Kimmins.

photos by J. Intintoli

TBR schools' tuition will increase per credit hour

Students at Tennessee Board of Regents institutions, including MTSU, will pay more tuition this fall according to the number of semester hours they take.

The TBR approved the measure June 19, voting to charge students for every credit hour taken with no cap. Each student's tuition increase depends on how many hours the student takes.

In the past, TBR has capped tuition at a full 12-hour course load, after which students were not charged per credit hour. Hours above 12 will be steeply discounted this year, however, with only a \$10 per hour additional charge.

An in-state student enrolling for 12 hours, for example, will pay \$2,292 this fall, an increase of \$141 and 1.06 percent over fall 2008. Tuition for an 18-hour course load will be \$2,352, an increase of \$201, or 9.34 percent, over last fall's capped full-time rate.

The change is projected to increase revenue an average of 6.1 percent at MTSU and four of its sister TBR universities (Austin Peay, East Tennessee and Tennessee State universities and Tennessee Technological University) and 7.1 percent at the University of Memphis. The changes are expected to generate an average of 5.5 percent more revenue at the state's community colleges and technology centers. State technology centers are seeing an across-the-board increase instead of the per-hour changes.

Students taking fewer than 12 hours will benefit from the change in tuition policy, TBR officials said. For those students, tuition will rise only 1.06 percent at state universities like MTSU, 2.8 percent at the community colleges and 5.24 percent at Memphis.

If the TBR had not changed its

See 'Tuition' page 5

'Saddle Up' July 30 to rope fun, raise funds

Hundreds of cowboys and cowgirls will their finest Western wear to "Saddle Up for Project HELP" at the 2009 fundraiser, set for Thursday, July 30, at Johnny "Red" Floyd Stadium on the MTSU campus.

The fun gets under way at 6:30 p.m. with event registration. A barbecue dinner will be served at 7 p.m., followed by live music and dancing. Silent- and live-auction bidding will close at 8:15 p.m., and auction checkout will be at 8:30 p.m.

Last year's fundraiser collected \$21,000, said Project Help Director Susan Waldrop. She said she's confident that community support for the 2009 event will be as strong.



"During my time at Project Help, there have been numerous opportunities for both personal and professional growth," Waldrop said. "It's rewarding as well as challenging to be the only provider of center-based early-intervention services in Rutherford County. We see the challenge as a means of learning what is needed; we strive to continue to change our perceptions in order to better help families who have children with some type of delay or disability."

"It's my perception that Project Help is a place where families, toddlers and MTSU students feel safe in taking the next steps in pursuit of strong learning outcomes. This 'feeling safe' is probably the pivotal feature of what Project Help is all about."

"Because I have repeatedly observed the unique connection of Project Help with MTSU and the Rutherford County community," Waldrop continued, "it seems that we are now in a wonderful position to provide services for children and families who are experiencing the first wave of life lessons involving Autism Spectrum Disorders, or ASD."

See 'Saddle' page 5

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IN BRIEF

GIVE THE GIFT OF LIFE

On Tuesday, July 7, MTSU Health Services and Campus Recreation will sponsor an American Red Cross blood drive

from 10 a.m. to 3 p.m. inside the Student Health, Wellness and Recreation Center. Save time and schedule an appointment online by going to www.givelife.org and enter the sponsor code "mtsu19." Choose the time that works best with your schedule.

MIDDLE TENNESSEE STATE UNIVERSITY

www.mtsunews.com

School counselors study MTSU insurance program

by Randy Weiler
jweiler@mtsu.edu

Nearly 25 high-school and middle-school guidance counselors from Memphis to Elizabethton spent three days attending the third Insurance Education Institute Workshop June 8-10 at MTSU.

The workshop's purpose is to familiarize counselors with insurance career opportunities they can share with students at their schools, said Dr. Ken Hollman, chairholder of the Martin Chair of Insurance.

"It changed my perspective of the insurance industry as a whole, and the opportunities there are for people any age," said Jeannie Cain, a Siegel High School counselor for gifted 10th- through 12th-graders.

Cain said information about multiple careers in the industry is something she definitely can take back to the Murfreesboro school.

"There are opportunities there for my students," said Cain, who noted that she learned about the industry's numerous career positions in addition to sales.

A friend recommended that Ron Goo, a counselor at Memphis' Southeast Prep High School, attend the workshop.

"I didn't know there was an insurance major," Goo said, adding that on the group's visit to State Farm Insurance Companies Murfreesboro Operations Center, he "learned more about personal insurance than I ever knew. And I

learned more about career possibilities than I was aware of. It gave us a chance to interact with different counselors across the state. That was a big plus."

Jennifer Ellis, a counselor at Happy Valley High School near Elizabethton, called it "a great experience." She added that three May graduates from Happy Valley will be attending MTSU this fall, and this workshop will help her share information about the insurance program with future students.

Her husband, Wayne, who is a counselor at Hampton High School, said the IEI workshop was "very professional and well organized. I was highly impressed. Most of all, I was impressed by the professors. They care for their students."

In addition to Hollman and Dr. Emily Zietz, an MTSU professor of financial economics, other workshop sessions were led by:

- Dr. Charlie Baum, MTSU economics department chair;
- Gretchen Leming, graduation analyst in the College of Business;
- Dr. John Vile, dean of the University Honors College;
- Karen Case, a College of Basic and Applied Sciences adviser;
- Matt Hannah of MTSU's Admissions Office;
- Bonnie McCarty of MTSU's Financial Aid Office;
- Chuck Bidek, executive director of Insurors of Tennessee; and
- Chris Christian, vice president and senior broker of U.S. Risk Financial Services Inc. in Nashville.



ENSURING USEFUL INFORMATION—School guidance counselors pose with speakers and leaders at MTSU's recent Insurance Education Institute Workshop. From left are coordinators Dr. Ken Hollman and Dr. Emily Zietz; speaker Chris Christian, vice president and senior broker of U.S. Risk Financial Services Inc.; Ron Goo and Leila Causey of Memphis; Lori McCormick of Eagleville; Donna Holt of Dickson; Tandra Freeman of Nashville; Mandy Pitts of Petersburg; Alma Wilson of Nashville; Michelle Hoover of Murfreesboro; speaker Chuck Bidek, executive director of Insurors of Tennessee; Wayne Ellis of Hampton; Joe Lankford of Paris; Milton Moore of Murfreesboro; Shirley Blache of Memphis; Susan Brian of Murfreesboro; Kenya Newby and Tiffany Littlejohn of Nashville; Jackie Collins of Franklin; Jessica Carpenter of Murfreesboro; Jennifer Ellis of Elizabethton; and Lyndsey Painter, Paula Rodgers, Peggy Harrell and Jeannie Cain, all of Murfreesboro.

photo submitted

Interim leaders take reins in Academic Affairs

Dr. Bill Badley and Rick Moffett are taking interim posts in MTSU's Division of Academic Affairs to help guide the university through the challenges of the 2009-10 academic year.

Badley, now interim vice provost for academic affairs and director of general education, began teaching English at MTSU part-time in 1980 and became a full-time instructor of developmental English in 1985, continuing until he was appointed director of general education for the university in 1998.

He is responsible for all functions of MTSU's General Education Program, chair and dean evaluation coordination, curriculum changes, and Dissertation Fellowships and Visiting Professorships for Underrepresented Minorities.

"As interim vice provost for academic affairs, my main goal will be continuity of communication with deans, chairs, faculty, staff and students," Badley said. "As President (Sidney A.) McPhee has done from the very beginning of this process, the transition that is envisioned in the 'Positioning the University for the Future' Initiative demands that lines of communication with campus and off-campus constituencies be open and maintained."

"As a knowledge institution and with our history of teaching, MTSU will continue to teach students and to create knowledge even in times of economic hardship. My job is to help faculty teach, research or create and to help students to learn and succeed. I hope to facilitate those efforts while enhancing quality, the student-centered learning environment and our community partnerships."



Badley

Moffett, the new interim assistant vice provost for academic affairs, is an associate professor in the Department of Psychology, where he will continue to teach, and has served MTSU since August 1991. Moffett also has served as director of the MTSU Center for Organizational and Human Resource Effectiveness since its creation in July 2004.

"I am excited about serving the university in this interim position," Moffett said. "In addition to the traditional duties of the assistant vice provost position, I am looking forward to working with the MTSU community in helping further develop and implement the recommendations of the 'Positioning the University for the Future' Initiative."

"While we at MTSU have some significant challenges ahead of us, I believe that collectively we cannot only meet these challenges, but we can position ourselves to take advantage of the opportunities the future offers."

Moffett also served as vice chair of the Oversight Steering Committee that explored, vetted and presented campuswide recommendations for the initiative to McPhee this spring. Dr. Michael B. Hein, associate director of COHRE, will take over the day-to-day operations of that office, Miller said.

"I am delighted to announce these interim appointments," said Dr. L. Diane Miller, interim executive vice president and provost. "Academic Affairs has many tasks to complete to implement President McPhee's report, and I will value Bill's and Rick's expertise over the next year as we strive to put recommendations into action."

Moffett

Projects track tiny traces of water pollution

by Gina K. Logue
gklogue@mtsu.edu

With a \$165,000 grant from the U.S. Environmental Protection Agency, Dr. Melissa Lobegeier is preparing for her second major research project of the year. Beginning this fall and for the next two years, Lobegeier, an assistant professor of geosciences at MTSU, will study water quality in the Clinch and Powell rivers of southwestern Virginia, where pollution from mining is a concern.

Lobegeier will examine two types of microorganisms that are indicators of pollution. Thecamoebians and foraminifera are hard-shelled, single-celled organisms that tend to be very well-preserved because of their shells. While much remains unknown about them because they're difficult to keep alive in the lab, Lobegeier says they are believed to catch food particles by sticking protoplasm out through holes in their shells. Their reproductive cycle also is something of a puzzle.

"They have an asexual phase where they reproduce by splitting up their protoplasm up into a whole lot of juveniles and then regrow," she says.



STUDY SITES—MTSU students Holly Baker, left, and Jessica Tonish join Dr. Melissa Lobegeier near the paper mill on St. Andrew's Bay in Panama City, Fla., in the photo above. Below, students Eric Coburn and Marjorie Gombert collect sediment samples in an estuary of the Fenholloway River in Florida, not far from a paper mill.

photos submitted



"And then they have a sexual phase, where that asexual generation produces the egg and the sperm, which then they release from their shell. And they come together to form the next juveniles, who reproduce asexually."

However, Lobegeier says it's not the organisms' reproductive methods that determine their value to scientists; it's the speed with which those methods take place.

"Generally, their life cycle is less than a year," she says. "When you have pollution coming into an area, we will lose the ones that aren't very tolerant of pollution, and the ones that are opportunistic and can tolerate pollution will start to reproduce quicker. You'll see a big shift in the population."

Researchers know more about foraminifera, which are found in brackish and salt water, than about thecamoebians, which are found in fresh water. Lobegeier says the oil industry examines foraminifera to date the ages of sediment beds in the search for new sources of oil.

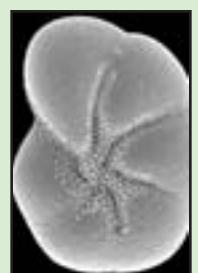
Foraminifera, shown at right, figured heavily in the other project Lobegeier recently completed in Florida's Panhandle. She and her students examined paper-mill pollution in the Fenholloway River near Perry, in Eight Mile Creek near Pensacola and in St. Andrew's Bay near Panama City. In the case of the Fenholloway, researchers discovered that near a paper mill that dumped effluent into the river, female mosquito fish were developing masculine characteristics.

"We're trying to see how far the pollution is flowing from the source into the Gulf of Mexico, because all of these areas are areas where people go to swim and particularly to fish," Lobegeier says. "I think it's important to know whether the pollution is making it into those areas and whether we should continue to eat that food."

The Florida project was funded with a \$12,494 internal grant from MTSU's Faculty Research and Creative Activity Committee. But it wasn't used to buy sophisticated laboratory equipment: Lobegeier drew on her Australian culture to integrate the yabby pump into the research.

A yabby pump is a steel cylinder with a plunger device that enables shrimpers to suck little crustaceans, called yabbies, out of the holes they burrow into the seashore. Lobegeier finds it useful for drawing tubular cores of sediment from the rivers, which she and her students wrap in PVC pipe and aluminum foil and secure with duct tape. The sediment cores are then frozen to preserve them and the microorganisms inside for future examination.

"I'm hoping it will give us a better idea of how the rivers have been affected, because with the Clinch/Powell river project, I'm hoping to core and go back to pre-European times," Lobegeier says.



Foraminifera
Haynesina germanica



LEARNING AS YOU GO—The collection process sometimes may be tedious, but there's always something to learn. At left, Coburn, center, wields the yabby pump as Gombert and Lobegeier help collect sediment samples in the Fenholloway River. Above, Lobegeier, left, Tonish and Baker wrap a sediment core in Eight Mile Creek in Pensacola, Fla., to prepare and preserve it for study.

photos submitted

Campus Calendar

June 29-July 12

Please note:

Event dates, times and locations may change after press time. Please verify specifics when making plans.

TV Schedule



"Middle Tennessee Record"
Cable Channel 9:
Monday-Sunday, 7 a.m., 5 p.m.
NewsChannel 5+:
Sundays, 1:30 p.m.
Visit www.mtsunews.com for
other cable-outlet airtimes;
visit www.youtube.com/mtsunews
to browse archived shows.

July 1

Wednesday, July 1
Summer June Term
final exams
(Monday-Thursday classes)

July 2

Thursday, July 2
Summer June Term
final exams
(Monday-Friday classes)

Correction

The Tennessee Electric Cooperative Association's Web site was incorrect in some print editions of the June 15, 2009, *Record* ("Barn book preserves disappearing history," page 7). The correct URL is www.tnelectric.org.

Renovations under way in The Grill

Renovation and expansion of The Grill Food Court in the Keathley University Center is under way, MTSU Dining Services/ARAMARK officials announced.

Some of the renovations will transform The Grill Food Court by providing enhanced functionality with expanded food brands, new food concepts, increased seating and updated utilities. The projects also will increase the size of the existing Food Court while providing a new layout and design.



Please be aware that although the renovation has already begun and will require the demolition and closure of portions of the food court during construction, The Grill Food Court still will be open during its summer operating hours, though food offerings will be limited. The renovated dining facility is scheduled to fully reopen before the 2009 fall semester begins.

With these new changes at The Grill and at other campus dining locations, MT Dining officials say they're working to offer quality services to "Tennessee's Best."

For more information, please e-mail mtdining@aramark.com.

July 3-4

Friday, July 3
Independence Day observance
No classes; university closed.

Saturday, July 4
Independence Day
No classes; university closed.

July 5

Sunday, July 5
"MTSU On the Record—Shape-Note Singing School"
Ben Speer's Stamps-Baxter School of Music will conduct a two-week learning session at MTSU on the sounds of Southern gospel. Music professor Dr. Stephen Shearon explains shape-note singing and its unique educational and cultural experience.
7 a.m., WMOT 89.5-FM
Podcast available anytime at www.mtsunews.com.



July 6

July 6-8
State Junior Beef Expo
Tennessee Livestock Center
For information, contact: 865-974-7294.

Monday, July 6
Summer July Term classes begin

July 7

Tuesday, July 7
TECTA Center-Based Orientation Course
meets Tuesdays through Aug. 3; pre-registration required
3-9:15 p.m., Ellington 109
For information, visit www.mtsu.edu/TECTA or contact: 615-904-8318.

July 8

July 8-9
CUSTOMS Orientation
Basic and applied sciences, mass comm, undeclared majors
7:30 a.m., campuswide
For information, visit www.mtsu.edu/~customs or contact: 615-898-5533.

Wednesday, July 8
Tornado-Siren Testing
11:15 a.m., campuswide
(No action required by building runners; no alerts will be sent.)
For information, visit www.mtsu.edu/alert4u/tornado_shelter.shtml or contact: 615-898-2424.

July 9

Thursday, July 9
Retired Faculty/Staff Coffee
9:30 a.m., Foundation House
For information, contact: 615-898-5756.

July 10

Friday, July 10
Farmers' Market
sponsored by Plant & Soil Science Club
1-5 p.m., Horticulture Center
For information, contact: nphillip@mtsu.edu.

July 12

Sunday, July 12
"MTSU On the Record—Albert Gore Research Center"
The Albert Gore Research Center is a repository of artifacts from the life of Albert Gore Sr., the history of MTSU and so much more. Its director, Dr. Jim Williams, explains this treasure trove of research opportunities. 7 a.m., WMOT 89.5-FM
Podcast available anytime at www.mtsunews.com.



Get noticed in *The Record*!

Submit Campus Calendar items to gfann@mtsu.edu by 3 p.m. Tuesday, June 30, for the July 13 *Record* or 3 p.m. Wednesday, July 15, for the July 27 *Record*.

TECTA offering free orientations

Free orientation courses for people working in monitored early-childhood education programs are being offered again this summer and fall at MTSU by the Tennessee Early Childhood Training Alliance.

TECTA orientation, which aids in eligibility for financial assistance for college course work leading to a degree in early-childhood education or related fields, is recognized by the Tennessee Department of Human Services as a way to satisfy annual training-hour requirements. Participants must complete the 30 hours to receive a TECTA Orientation Certificate.

The MTSU TECTA site is part of a statewide grant and serves Rutherford and 16 other counties in the south central area of Tennessee.

The TECTA Center-Based Orientation course, which emphasizes work with children 2 ½ to 5 years old, begins Tuesday, July 7, and meets every Tuesday through Aug. 3 from 3 to 9:15 p.m. in Room 109 of the Ellington Human Sciences Building.

TECTA also will offer an Infant/Toddler Orientation course, which includes information on children six weeks to 3 years old, this fall. It begins Monday, Sept. 21, and meets every Monday through Dec. 7 (except Oct. 5 and Nov. 16) from 6 to 9 p.m. in Room 113 of the EHS Building.

Pre-registration is required for both courses. To register, or for more information, call 615-904-8318 or visit the MTSU TECTA Web site at www.mtsu.edu/~TECTA.

"With the donations from Saddle Up, our goal is to begin wrap-around programs that afford a 'one-stop' buffet of therapies and techniques to families who have children with an ASD diagnosis."

Founded in 1983, the nonprofit Project Help provides early-intervention and family-support services to children with disabilities and developmental delays up to age 3.

Project Help, which just began its 13th year in its North Baird Lane facility and its second in the Fairview Center's Yellow Room, currently serves 48 children with special needs. It also is a stimulating, progressive preschool for 17 toddlers who are developing typically in a program that promotes diversity, creativity and cultural experiences. Practical outcomes are developed for all children in a play-oriented natural environment.

The center's staff, which includes more than 150 student volunteers each semester, works with parents through family-support programs that include workshops, one-to-one interactions and informal training seminars focusing on specific instructional techniques.

Grants from the Tennessee Department of Education through Early Intervention Services and the United Way of Rutherford and Cannon Counties partially fund Project Help's work. The Murfreesboro Charity Circle, Middle Tennessee Electric Customers Care, St. Rose Knights of Columbus, Gwenn Walker Memorial Fund, Bands for Babies, the MTSU Martial Arts Club and Wild About Smiles Pediatric Dentistry also have made major contributions to Project Help, providing the center with much-needed equipment, toys and consumable items.

Although the center's staff members are grateful for the ongoing support, they admit they need additional money to help meet Project Help's child-centered mission. Fundraisers like the July 30 "Saddle Up!" event target those goals. In addition to expanding the program with services for children with ASD, Waldrop said the funds raised by the event also supplement daily operations.

Items up for bid at the live auction include a Cape Cod playhouse, tickets on Southwest Airlines and a Nashville Night-Out with a room at the Opryland Hotel.

Individual tickets, which include a meal and two drinks, are \$50 each. They're available by calling the center at 615-898-2458. The evening's dress code is casual.

For more information about Project Help, visit its new Web site at www.mtsu.edu/projecthelp.

Grad student gets up close to space shuttles

An MTSU graduate student attended workshops and toured Kennedy Space Center in Cape Canaveral, Fla. on June 12, a day before the space shuttle Endeavor was scheduled to launch.

Jeff Brummitt, a research assistant for MTSU aerospace professor Paul Craig, stood under the Discovery space shuttle as NASA employees were repairing tiles and got a close-up view of Endeavor while it was on the launch pad during his tour of Kennedy Space Center. Craig and Brummitt are conducting research to determine the best methods to train air traffic controllers and pilots on using the next generation of technology through funding secured by U.S. Rep. Bart Gordon.

"I was surprised and very pleased at the access the group was given to the operations at the space center. The orbital processing center and the close-up view of the active launch pad were truly amazing," Brummitt said. "I truly stood in awe at the size of the Vehicle Assembly Building. I know the walls there have seen many historic moon rockets and spacecraft pass through over the years."

The shuttle launch was canceled early the next morning because of a hydrogen leak, according to Gordon, who coordinated the workshops and tour for the student and a group of eight middle Tennessee teachers. The launch has been rescheduled to July 11.

"Despite the disappointment of missing the launch, the teachers reported they would be able to use the things they learned in the workshops in their classrooms back home and were thrilled at the access they had to the shuttles Discovery and Endeavor," said Gordon, who chairs the House Science and Technology Committee. Its Subcommittee on Space and Aeronautics governs NASA.

Before touring the Kennedy Space Center, Brummitt spent the morning in workshops. "One of the most beneficial things I brought back was how vital it is to use the resources and tools available to us. We must always be looking for new tools to aid us in our research and improve the ones we already have," he said. "The exercise on the lunar landing was very interesting and convinced me that we must gather all the facts that we can in order to make intelligent decisions."



CLOSE TO HISTORY—MTSU aerospace research assistant Jeff Brummitt stands less than 1,500 feet away from the space shuttle Endeavor on June 12, a day before the launch was canceled.

photo submitted

Brummitt said the safety of the shuttle crew was more important than the scheduled launch.

"I was prepared ahead of time for this possibility. The tour alone was well worth my travel down," he said. "The safety of the crew far outweighs the glamour of the launch coming together for the viewing public. Just knowing that the launch will eventually still take place is enough to keep me more than interested."

Change in tobacco surcharge delays implementation until January 2011

The Tennessee State Legislature finalized its efforts to delay the implementation of the Tobacco Use Surcharge for state employees, including MTSU workers, until 2011 and sent the legislation to Gov. Phil Bredesen June 17 for his signature. The governor's office has indicated that he will sign the legislation and will not veto the postponement.

This means the Tobacco Use Surcharge for state employees will not be implemented Jan. 1, 2010, as planned. It is now set to begin on Jan. 1, 2011.

The State Insurance Committee voted to continue funding support of the Tobacco Quit Products being offered at \$5 co-pays until Dec. 31, 2009. Employees who are currently using any of the quit support products (gum, etc.) will be able to continue at the reduced co-payment until that date. On Jan. 1, 2010, the co-pays will return to normal and over-the-counter products will not be covered.

For additional information and updates, visit www.state.tn.us/finance/ins/tobacco.html.

Tuition

fee method and had again raised tuition across the board, officials said students at state universities would have faced an increase of about 6 percent. Those at UM would have paid a flat 7 percent and community college students another 5.5 percent.

Under the old system, part-time students paid about \$6,000, or 30 percent more, for a university degree than full-time students. At community colleges, part-time students paid about 27 percent more.

The chart at right, provided by the TBR, shows in-state tuition increases for 2009-10 and compares them to costs in 2008-09. The new tuition chart does not include Memphis.

"The Tennessee Board of Regents believes that in order to fill Tennessee's need for a better educated population, it is important to encourage people who cannot go full-time to pursue higher education nevertheless," the board said in a release. "The inequity in the cost of a degree for part-time students has been a disincentive for their attendance."

Tennessee Board of Regents' In-State University Tuition Per Semester (www.tbr.state.tn.us)				
Hours	Cost 2008-09 (tuition capped @ 12 hours)	Cost 2009-10 (more than 12 hours cost \$10/hour)	Percentage Change	Dollar Change
1	\$189	\$191	1.06%	\$2
2	\$378	\$382	1.06%	\$4
3	\$567	\$573	1.06%	\$6
4	\$756	\$764	1.06%	\$8
5	\$945	\$955	1.06%	\$10
6	\$1,134	\$1,146	1.06%	\$12
7	\$1,323	\$1,337	1.06%	\$14
8	\$1,512	\$1,528	1.06%	\$16
9	\$1,701	\$1,719	1.06%	\$18
10	\$1,890	\$1,910	1.06%	\$20
11	\$2,079	\$2,101	1.06%	\$22
12	\$2,151	\$2,292	6.56%	\$141
13	\$2,151	\$2,302	7.02%	\$151
14	\$2,151	\$2,312	7.48%	\$161
15	\$2,151	\$2,322	7.95%	\$171
16	\$2,151	\$2,332	8.41%	\$181
17	\$2,151	\$2,342	8.88%	\$191
18	\$2,151	\$2,352	9.34%	\$201

Leadership Studies Program nets award for excellence

by Lisa L. Rollins
lrollins@mtsu.edu

MTSU's Leadership Studies Program has been named as the 2009 Outstanding Leadership Program by the Association of Leadership Educators Inc.

Representatives of the organization, known as ALE, will present the award to Dr. Deana Meadows Raffo on July 15 at the annual conference in Providence, R.I., where the MTSU program, a 17-credit, interdisciplinary minor offered to students, will be formally recognized for excellence.

The award recognizes outstanding leadership programs developed or implemented by ALE members. Past recipients of the honor have included leadership majors, leadership minors, certificate programs, leadership workshops or programs, youth-development programs and adult-leadership development programs.

Raffo, an assistant professor of speech and theatre, said the MTSU Leadership Studies Program "is completing its fifth year, so I feel that the award is an indication that we have a firm foundation in place and are ready for the second phase of devel-

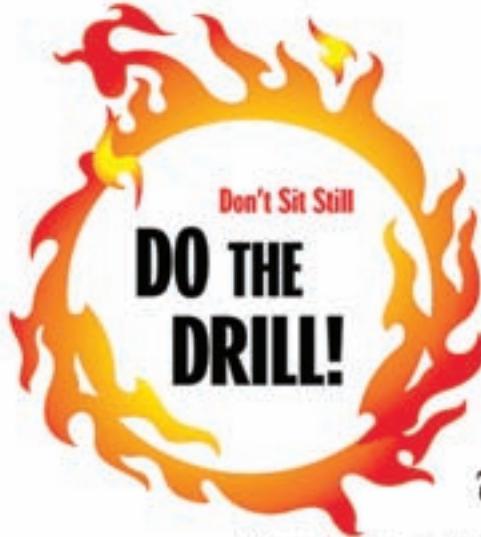
opment with additional course offerings beyond the core courses."

To qualify for the ALE honor, award nominees must be ALE members in good standing, cannot have received the award previously and must have data to substantiate a program's impact on individuals, organizations, institutions or communities.

"I initiated the program (and) was the principal architect in program design ... and advise all of the students," Raffo said of the now-award-winning MTSU program. "However, since it is an interdisciplinary minor, I have not been alone in the (program's) development."

MTSU faculty who have assisted Raffo in building the program by serving on its development committee include Drs. Ron Kates, English; David Foote, management; Janet McCormick, speech and theatre; Cliff Ricketts, agribusiness and agriscience; and Terry Whiteside, psychology; and Professor Greg Simerly, speech and theatre.

As of May, the campus-based program has graduated 50 students, Raffo noted. For more information on the program, visit www.mtsu.edu/leadershipstudies. For more about ALE, visit www.leadershipeducators.org.



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IT DOES.

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Remember: If you pull a fire alarm, call 911 or 615-898-2424 to report your location, too.

9 home games on '09 Blue Raider soccer schedule

MT Athletic Communications
www.goblueraiders.com

Middle Tennessee will kick off its 14th soccer season this fall with nine home games, including a visit from Big 12 foe Oklahoma and six Sun Belt Conference matches.

The Blue Raiders enter the campaign with a 76-31-8 (.696) all-time winning percentage at home, including a 50-10-4 (.813) mark in seven seasons under Head Coach Aston Rhoden.

"One of our goals for this year is to get back to the top of the league," Rhoden said. "The 2009 schedule will be quite challenging for us, but it is one I feel will help prepare our young team for a competitive SBC schedule."

The season will begin on the road when Middle Tennessee travels to Cookeville for a meeting with Tennessee Tech Friday, Aug. 21, in a series the Blue Raiders own 10-2.

The Dean A. Hayes Track and Soccer Stadium opener is two days later on Sunday, Aug. 23, when Middle Tennessee plays host to Alabama A&M while looking for its fifth win in the five-game series. The Blue Raiders have outscored the Bulldogs 15-2 in the four previous contests.

The following weekend will feature a pair of first-time opponents when MT heads to the Buckeye State to face Wright State (Aug. 28) and Dayton (Aug. 30).

Oklahoma will pay its first visit to Murfreesboro Friday, Sept. 4. The two teams battled to a scoreless tie in their only meeting two years ago. The weekend will conclude with a home tilt against Belmont on Sunday, Sept. 6.

The nonconference portion of the schedule ends with the next two games, both on the road, when the Blue Raiders travel to Evansville (Sept. 13) and Austin Peay (Sept. 18).

The Sun Belt calendar will feature alternate home and away weekends. It begins with a pair of home matches to conclude the month against Florida International University (Sept. 25) and Florida Atlantic (Sept. 27).

Other home league contests include Arkansas State (Oct. 9), the University of Arkansas-Little Rock (Oct. 11), North Texas (Oct. 23) and Denver (Oct. 25).

Middle Tennessee will travel for Sun Belt matches at Troy (Oct. 2), South Alabama (Oct. 4), the University of Louisiana-Monroe (Oct. 16), the University of Louisiana-Lafayette (Oct. 18) and Western Kentucky (Oct. 30).



2009 MT SOCCER SCHEDULE

Home games are in bold and Sun Belt Conference games are starred.

Aug. 16 Jacksonville State (exhibition), 5 p.m.
Aug. 21 @ Tennessee Tech, 4 p.m.
Aug. 23 Alabama A&M*, 1 p.m.
Aug. 28 @ Wright State, 6 p.m.
Aug. 30 @ Dayton, noon
Sept. 4 Oklahoma, 7 p.m.
Sept. 6 Belmont, 1 p.m.
Sept. 13 @ Evansville, 1 p.m.
Sept. 18 @ Austin Peay, 7 p.m.
Sept. 25 Florida International*, 7 p.m.
Sept. 27 Florida Atlantic*, noon
Oct. 2 @ Troy*, 3 p.m.
Oct. 4 @ South Alabama*, 1 p.m.
Oct. 9 Arkansas State*, 7 p.m.
Oct. 11 University of Arkansas-Little Rock, 1 p.m.
Oct. 16 @ University of Louisiana-Monroe*, 4 p.m.
Oct. 18 @ University of Louisiana-Lafayette*, 1 p.m.
Oct. 23 North Texas*, 7 p.m.
Oct. 25 Denver*, 1 p.m.
Oct. 30 @ Western Kentucky*, 6 p.m.
Nov. 4-7 Sun Belt Tournament (Boca Raton, Fla.)
Nov. 13-15 NCAA Tournament First and Second Rounds
Dec. 4-6 NCAA College Cup (College Station, Texas)

All times Central and subject to change.
All home games set at the Dean A. Hayes Track and Soccer Stadium.

For ticket information, visit www.goblueraiders.com.

Florida Atlantic will play host to the Sun Belt Tournament Nov. 4-7 in Boca Raton, Fla.

The NCAA Tournament opens Nov. 13 with the first four rounds played on campus sites. The College Cup is slated Dec. 4-6 in College Station, Texas, on the Texas A&M campus.

Eight starters and 17 letter-winners will return for Rhoden's eighth season at the helm. The Blue Raiders posted their sixth straight winning campaign under Rhoden in 2008.

Workshop attendees jump at chance for

by Randy Weiler
jweiler@mtsu.edu

Trips to Wright-Patterson Air Force Base in Dayton, Ohio, the U.S. Air Force's Arnold Engineering Development Center in Tullahoma, and NASA's Marshall Space Flight Center in Huntsville, Ala., highlighted the three-week 51st annual Tennessee Aerospace Education Workshops for basic and advanced participants.

"This has been one of the best workshops we've ever had," said Phyl Taylor, the event director. "We've had some outstanding trips. Our speakers have been outstanding. We've had a great group of teachers."

Dr. Rhea Seddon of Murfreesboro, a former NASA astronaut, helped wrap up the workshops with a June 26 presentation, followed by the group's graduation luncheon on the club level of Floyd Stadium.

Earlier, Seddon's husband, former astronaut Robert "Hoot" Gibson, made quite an impression with his "life story" in a photo presentation, shar-

ing that "not enough people are doing that," referring to STEM—science, technology, engineering and mathematics—education and careers.

"We've got to encourage (students)," he added, "telling them how much fun space and aviation can be. Science is not nerdy. Math is not nerdy. They (students) can look at what they are able to do with it."

Eighty students participated in the workshop, 50 in the basic class and 30 in the advanced course, earning credit for the classes.

MTSU aerospace faculty members Terry Dorris, Dr. Ron Ferrara and Jerry Hill and physics and astronomy professor Dr. Eric Klumpe added their own dimensions to the sessions.

The teachers built

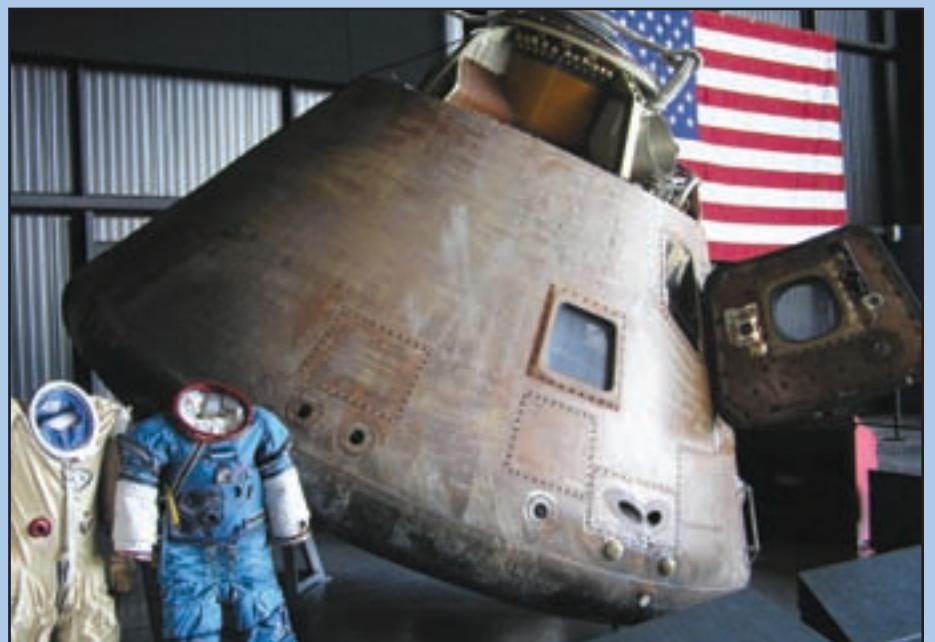
rockets, flew in MTSU's airplane fleet and heard other key presenters.

"This has been one of the most informative workshops I've attended," said Sherree Macemon, a teacher at John Colemon Elementary in Smyrna.



FROM THE GROUND UP—Participants in the 51st annual Tennessee Aerospace Education Workshops inspect one of MTSU's Diamond DA20 two-seater planes at the Murfreesboro airport, above. At top left, workshop director Phyl Taylor jokes around with retired astronaut Robert "Hoot" Gibson after his presentation, while at top right, Assistant Professor Joe Hawkins poses with his workshop classroom welcome sign. Above right is the sign from the "Space Shot," a 15-second space-flight ride at the Marshall Space Flight Center in Huntsville that launches trainees 140 feet straight up in 2.5 seconds. The MTSU participants experienced a real 4G lift-off, plus weightlessness.

photos submitted



FROM CLASSROOM TO CAPSULE—Participants enjoy classroom exercises as well as off-campus field trips during the annual aerospace workshops. At left, a teacher studies a sectional aeronautical chart used for visual navigation. Above left, workshop participants tour the Marshall Space Flight Center in Huntsville, Ala., and speak with staff members there. Above right, the Apollo 16 landing capsule display at the Marshall Center, which includes the suits worn by the three-man crew of the 1972 moon mission, is a popular stop for workshop participants.

photos submitted

Keep on top of latest RAVE notification news to aid students

Faculty and staff can help ease potential confusion this summer about how many numbers and e-mail addresses students may enter during the RAVE registration process to receive emergency notification.

A student can register:

- his or her own cell phone number plus two other cell numbers;
- as many as three additional land-line phone numbers; and
- two additional preferred e-mail addresses, in addition to his or her own address.

The options also are available for faculty and staff who've signed up for

RAVE alerts.

Students signing up for the service initially may not be clear on where to enter the additional information. After a student enters his own number, he will be routed to another screen to enter additional information. That information also can be updated anytime by logging on to the service at www.getrave.com with a username and password.

If you or any students have questions about the RAVE registration process, please call Alana Turner at 615-898-2677. And please share this information with anyone else who should be in the know.



Sign up for MTSU's EMERGENCY TEXT MESSAGING SERVICE

Go to www.mtsu.edu/alert4u



the RECORD

Tom Tozer
Director, News and Public Affairs
Editor: Gina E. Fann, gfann@mtsu.edu

Contributors: Gina K. Logue, John Lynch, Paula Morton, Lisa L. Rollins, Randy Weiler, Eric Jackson and Erin Bridges.

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The Record
Office of News and Public Affairs
MTSU P.O. Box 72
1301 E. Main St.
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Faculty/Staff Update

Elections

Professor Beverly Keel (recording industry) has been elected president of the International Association for the Study of Popular Music-U.S. branch. She also has been named secretary of Leadership Music and is now on that organization's executive committee.

Presentations

Assistant Professor Leon Alligood (journalism) presented a multimedia workshop June 12 at the Tennessee Writers Alliance WordFest '09 at Cumberland University in Lebanon, Tenn.

Dr. Mark Anshel (health and human performance) presented a seminar, "Improving Men's Health and Wellness for Managing Energy: The Importance of Values," June 18

at the State Farm Insurance Companies Murfreesboro Operations Center.

Publications

Dr. Carol Boraiko (engineering technology) presented "Lead Dust Contamination of Paint Remediation Workers' Personal Vehicles" June 1 at the American Industrial Hygiene Conference in Toronto, Canada. The research for the presentation is associated with the TN LEAP (Lead Elimination Action Program) managed in the Department of Engineering Technology.

Professors Christy Groves, Amy York and William Black (Walker Library) presented "Enriching the Academic Experience: The Library and Experiential Learning" at the inaugural Entrepreneurial Conference for Librarians June 3-4 at the University of North Carolina, Greensboro.

R. Neil Scott (Walker Library) has co-authored a book, *Flannery O'Connor: The Contemporary Reviews* (Cambridge University Press, 2009), with Dr. Irwin Straight of the Royal Military College of Canada. This is Scott's third O'Connor-related title; his first, *Flannery O'Connor: An Annotated Reference Guide to Criticism*, was selected as an outstanding academic title for 2002 by *Choice Magazine*.

Dr. Norman Weatherby (health and human performance) and Dr. Keith Bletzer (Arizona State University) will publish an article, "Variation in Drug and Alcohol Use Among Agricultural Laborers: Watermelon Men in the Rural South," in the journal *Human Organization* this summer (Vol. 68, No. 2).

Get noticed in *The Record*!

Submit your news to gfann@mtsu.edu by 3 p.m. Tuesday, June 30, for the July 13 *Record* or 3 p.m. Wednesday, July 15, for the July 27 *Record*. Don't forget to include the specifics—who, what, where, when and why, plus contact information—with your Faculty/Staff Update contributions. Check *The Record*'s 2009 deadline schedule anytime at http://frank.mtsu.edu/~proffice/rec_deadlines.htm.