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a biweekly publication for the Middle Tennessee State University community

June 15, 2009 • Vol. 17/No. 23

# the RECORD

**W**omen  
**I**n **S**cience,  
**T**echnology,  
**E**ngineering &  
**M**athematics

## TBR approves new center for sciences

by Randy Weiler  
 jweiler@mtsu.edu

**T**he Tennessee Board of Regents has granted approval to MTSU to become the home for the new WISTEM Center.

WISTEM—Women in Science, Technology, Engineering and Mathematics—will be located in Room 106 of the Midgett Building starting Wednesday, July 1, said Dr. Judith Iriarte-Gross, professor of chemistry and center director. It will fall under the College of Basic and Applied Sciences umbrella.

"I see WISTEM being a center for

today and for the future," Iriarte-Gross said. "If we don't have women professionals in STEM, who's going to discover the cure for breast cancer, develop an energy-efficient vehicle or find an answer to the nuclear-waste storage problem? We're losing men in STEM, and it's even tougher for women. Women professionals in STEM are providing us with clean water and air, new materials, medical breakthroughs and other exciting innovations because of their dedication to their science."

Dr. Diane Miller, interim executive vice president and provost, said she welcomes yet another center to

campus. She was one of 11 MTSU administrators endorsing the WISTEM proposal.

"We are excited by the recent approval of the WISTEM Center at MTSU and appreciative of the time and efforts by many, but particularly the leadership of Dr. Iriarte-Gross, whose vision for bringing more women into the STEM disciplines will be realized through this center," Miller said.

"The mission of the center will advance many of the university's institutional goals and support the Academic Master Plan by helping

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## '09 Blue Raiders one of best in school's history

MT Athletic Communications  
 www.goblueraiders.com

**T**he 2009 Middle Tennessee baseball team will be remembered as one of the best in Blue Raider history after their memorable season.

The Blue Raiders won both the Sun Belt Conference baseball regular season and tournament titles in 2009 for the first time since joining the league in 2001.

Middle Tennessee earned an automatic bid to the NCAA Tournament after rallying from the loser's bracket to win the SBC tournament May 24 and make its first NCAA appearance since 2004. The Blue Raiders were awarded the No. 2 seed in the Louisville Regional—the highest seed in program history.

The team joined MTSU women's basketball, men's tennis and men's golf teams as Sun Belt Conference champs for 2008-09 as well as NCAA invitees. The university's four top track and field athletes also had NCAA bids.

Middle Tennessee cross-country, soccer, volleyball, women's golf and tennis, and men's basketball teams

See '2009' page 5

**WE'RE NO. 1**—MTSU Blue Raider Baseball Team members clasp the 2009 Sun Belt Champion trophy after their record-breaking 43rd season win, taking the SBC tournament over the University of Louisiana-Monroe May 24. The tourney win gave the Blue Raiders an automatic bid to the NCAA Tournament, where they racked up a win against Vanderbilt before falling in an elimination round. Middle Tennessee ended the 2009 season with a 44-18 record, the best in school history.

photo by Kevin Glackmeyer/Troy University Photography

### IN BRIEF

#### DONATIONS DUE JUNE 30

Donations to the MTSU Foundation must be received in the Office of Advancement Services no later than noon on

Tuesday, June 30, to be processed for the 2008-09 fiscal year. This applies to monetary gifts and gift-in-kind donations. Signed and dated gift-in-kind forms from the donor and the department receiving the gift must be complete. Call 615-898-5222 for more information.



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# Prestigious scholarships sending students far afield

by Gina K. Logue  
gklogue@mtsu.edu

In competition with students from universities all across the United States, two more MTSU international-relations majors have landed prestigious scholarships that will enable them to nourish their own aspirations while improving others' futures in far-flung regions of the globe.

Murfreesboro native Aaron Shew will celebrate his 22nd birthday in India in July. Shew, a sophomore, landed a Critical Language Scholarship to study the Urdu language there this summer.

The CLS, which is sponsored by the U.S. Department of State's Bureau of Educational and Cultural Affairs, funds seven- to 10-week periods of intensive language instruction and cultural-enrichment experiences.

"Urdu is kind of a combination of Arabic and Hindi," Shew says. "Spoken, it's closer to Hindi, but they write in Arabic and read in Arabic, so much of their religious text comes from Arabic. It's a difficult language, but not as difficult as Arabic."

Thanks to about \$12,000 provided by the State Department, Shew will take five hours of classes for five days a week while staying with a host family in a town near Delhi. The living arrangements are a bit karmic, since Shew's interest in Asian culture and languages began with his family's relationship with a Nepali student who came to the United States to study when Shew was younger.

Family also figures heavily in the other major influence on Shew's education. His father is an agriculture teacher at Riverdale High School, and Shew is working toward a double major in international relations and plant and soil science. While this is a highly unusual double major, Shew sees the combination as very realistic.

"History and politics intrigue me because they define where we are in the world, how nations are to interact, ideas of peace and war," he says. "Agriculture is a very practical way of helping people, but at the same time, I would say half the battle is usually policy."



Shew

For example, Indian farmers are becoming more advanced, pooling their resources to buy tractors and combines. However, Shew says, they will have to diversify their output instead of monocropping huge tracts of land.

Patrick Pratt, a senior with a double major in international relations and political science, captured a David L. Boren Scholarship from the National Security Education Program to study international relations and Swahili at United States International University in Nairobi, Kenya. Boren scholarships provide up to \$20,000 to U.S. undergraduate students for study in areas that are critical to national security but underrepresented in study-abroad programs.

"What we see of Africa here in the West has to do with conflict, poverty, disease, things like that," says the 25-year-old from Tullahoma, "but after learning more about it, I realize it's not all that way. There are problems, but I think there is something positive to be taken out of Africa."

Pratt takes issue with prior Western policies on the continent, saying we have viewed Africans through our own cultural lens for too long.

"We do have an interest in alleviating poverty and mediating conflict, but the second we don't like a regime that gets elected, then we totally forget about stability and peace," he says.

In preparation for his upcoming academic year in Nairobi, Pratt is interning with Constituency for Africa, a Washington, D.C.-based nongovernmental organization concerned with raising awareness about African issues and influencing U.S. policy.

Both young men cite Dr. Karen Petersen, assistant professor of political science, as an enormous source of guidance and inspiration. She says students like Pratt and Shew reflect positively on both MTSU and the community.

"These experiences are needed, not just for international relations majors," Petersen says. "We cannot let budget constraints and decreasing tax revenue and all these things stop us from providing the best we can. We have students here who are as good as students at any Ivy League university in the United States, hands down."



Pratt

## McNair Scholars 'blast' their way into research

The McNair Scholars Program held its "blastoff" to summer research June 2 in the James Union Building's Hazlewood Dining Room.

Twenty-two McNair Scholars are involved in the eight-week summer research program, officials said. Twenty of the students will conduct research at MTSU; one will conduct research in the Amazon, and one will be performing research in Louisiana.

This will lead up to the 10th annual McNair Symposium, which will be held July 29-30 in the Tom H. Jackson Building's Cantrell Hall.

Dr. Diane Miller, director of the McNair Program, welcomed the students, mentors and special guests. She also serves as interim provost in the Division of Academic Affairs.

Steve Saunders, assistant director, unveiled the 2009 edition of the *McNair Research Review*. The McNair program has been at MTSU 10 years, and with this publication, 100 articles have been published, he said.

Dr. Charles Apigian, academic coordinator, spoke to students and mentors about their roles and responsibilities.

Saunders concluded with research quotes from famous researchers.

McNair Scholars "Blastoff" Program Participants, Summer 2009

| Scholar             | Major                                   | Mentor                                |
|---------------------|---|---------------------------------------|
| Jonathan Copeland   | music performance                       | Dr. Todd Waldecker                    |
| Christian Davenport | social work                             | Dr. Kathleen Darby                    |
| Drew Dunlop         | communications                          | Dr. Deana Raffo                       |
| Sade Dunn           | biology                                 | Dr. Bruce Cahoon                      |
| Lauren Easley       | pre-physical therapy and biology        | Dr. Julie Murdock                     |
| Jason Gerald        | finance                                 | Dr. Charles Apigian                   |
| Johnathan Gilliam   | history                                 | Dr. Robert Hunt                       |
| Jasmine Gray        | journalism                              | Dr. Jennifer Woodard                  |
| Shaun Guffey        | international relations, global studies | Dr. Karen Petersen                    |
| Monica Hicks        | psychology                              | Dr. Gloria Hamilton                   |
| Suzanne Hicks       | psychology                              | Dr. Rebecca Seipelt                   |
| Tiffany Hughes      | English                                 | Dr. Susan Hopkirk                     |
| Nick Mackie         | anthropology, international relations   | Dr. Karen Petersen                    |
| Corderyl Martin     | music                                   | Dr. Felicia Miyakawa                  |
| Lucy Miller         | anthropology                            | Dr. Richard Pace                      |
| Lydia Njoroge       | psychology                              | Dr. Gloria Hamilton                   |
| Sandra Plummer      | psychology                              | Dr. Kim Ujcich Ward                   |
| Joseph Quarles      | English                                 | Dr. Martha Hixon                      |
| Frederick Quimbley  | history                                 | Dr. Adonijah Bakari                   |
| Monique Richard     | nutrition/dietetics                     | Dr. Gloria Hamilton                   |
| Christina Runkel    | history                                 | Dr. Derek Frisby                      |
| Chris Young         | international relations                 | Drs. Doug Heffington, Andrei Korobkov |

# Workplace civility a new course 'principle'

by Gina E. Fann  
gfann@mtsu.edu

Future managers need to prepare for more than employee evaluations and budget presentations; their professional toolkits also must include awareness of workplace stalkers, bullying and hazing.

As incivility in the workplace escalates into a "culture of fear," Dr. Jackie Gilbert says, the next generation of leaders and policymakers must learn to recognize and prevent organizations where bullies rule, health is compromised and white-collar crime is rampant.

"Most people are aware of the book *The No A\*\*hole Rule* by Dr. Bob Sutton, which addresses the havoc that incivility can wreak on employees and corporate culture," Gilbert says. "We don't seem to have a general awareness of the problem in business—how it occurs, how to prevent it."

That realization led Gilbert to add a group project to her Principles of Management 3610 class requirements: a half-hour presentation on hazing, cyberbullying, corporate bullying, discrimination, stalking or bullying in the school system.

"I think this is one of the first attempts to rectify the situation, by training managers," she explains. "They may not know how to resolve the problem, but they want to prevent it and keep their employees safe and their workplace productive."

Students in Gilbert's recent May term course leaped on the project, preparing detailed skits—down to the servers' aprons and department-store backgrounds—of workplace hazing, stalking and bullying. One group incorporated a previous semester's YouTube video on cyberstalking that uses dark humor to show the ease of tracking a target of obsession via social media like Facebook and technology like Google Maps' street views; others used TV news clips on their topics.

"I know who's cleaning tonight: the new guy!" crowed senior Jessica Bates, portraying an abusive restaurant manager who sent the rest of her staff home and handed a mop, broom and garbage can to a frightened newbie. "You scrub those floors until I can see my reflection. You should be finished by midnight, so don't complain: you're getting more hours, aren't you?"

Another group's presentation on school bullying included statistics that

showed 18 percent of children admitted to joining a friend bullying another child, and more than 160,000 children admitted that they'd stayed home from school out of fear of being bullied.

"School bullying can eventually escalate into violence involving weapons, as we've seen," explained junior Farmin Jiwani. "It can create an atmosphere of criminal behavior."

"And you're always skeptical of someone telling you it can happen in the workplace too, but it may well be true," added junior Zack Lauderback.

Another group cited the statistic that murder is the leading cause of workplace death for women and one of the top workplace-death causes for men, noting that 15 percent of workplace homicides were a direct result of stalking.

One student explained that in his experience, some mild workplace hazing "promoted harmony" and the co-worker who was picked on "probably passed it along."

"A certain amount of horseplay is socially acceptable as long as it's not causing harm," said junior Jeremy Ware.

"Yeah, but if you have to think about whether it's hazing, it usually is," added senior Alex Guthrie, who portrayed a victim of corporate pranking turned ugly.

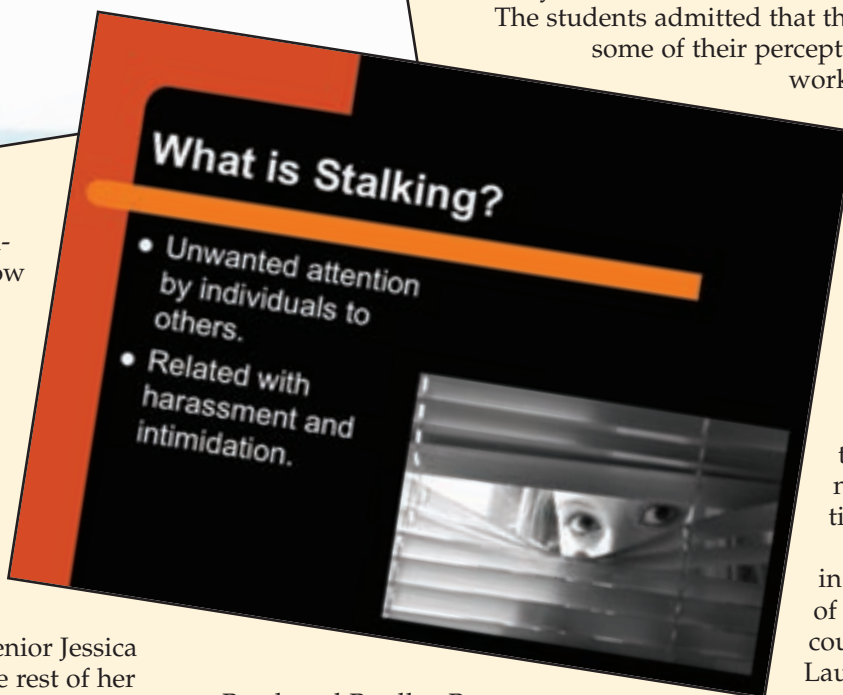
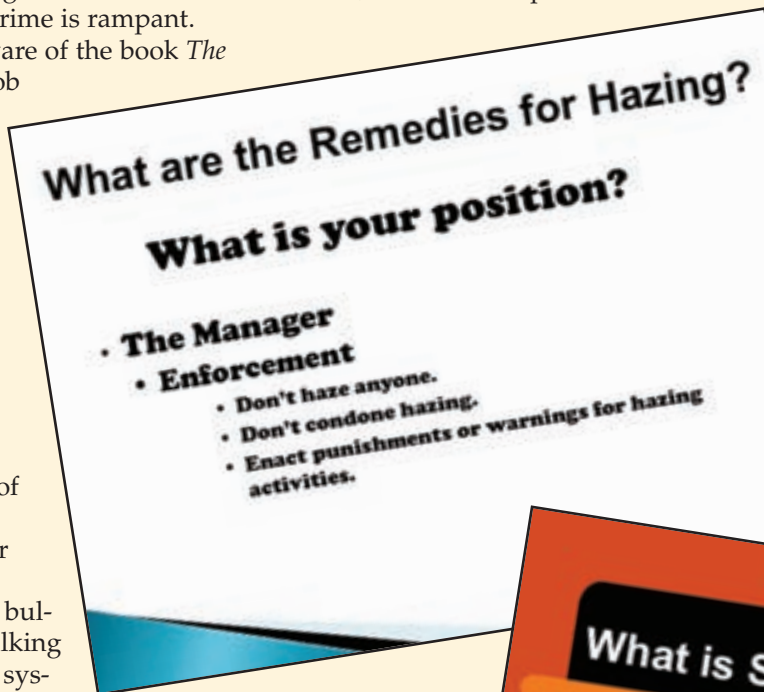
"Some of what we think is practical joking is actually hazing," Gilbert told the groups. "Where do you draw the line? Our culture doesn't seem to do that. We see people participating in behavior that's like mobbing or a pack mentality."

The students admitted that the process had changed some of their perceptions of appropriate workplace behavior. They

noted that while victims of workplace abuse can either comply, avoid the situation or stand up and refuse to tolerate it, colleagues and managers have an even greater obligation: to demand that it stop and report it, and to enforce their company rules and not condone it, respectively.

Students participating in the May term Principles of Management 3610 course included Jiwani, Lauderback, seniors Amber

Brock and Bradley Bynum and junior Dede Samford (school bullying); Bates, Guthrie, Ware and seniors Stephen Lester and Dylan Stephens (hazing); and seniors Matthew Edwards, Sean Murren and Erica Reynolds and juniors Mandie Morgan and Shaka Taylor (stalking).



## This is only a test.

MTSU tests its tornado siren monthly.

The next test date is:

# Wednesday, July 8 11:15 a.m.

(No action is required by building runners during monthly tests.)

Be prepared in a real emergency.

Find your nearest shelter at

[www.mtsu.edu/alert4u/tornado\\_shelter.shtml](http://www.mtsu.edu/alert4u/tornado_shelter.shtml)

## Get on homecoming calendar early!

Homecoming is Saturday, Oct. 24, and the Office of Alumni Relations is preparing the official 2009 Homecoming Schedule to be published in the September issue of *The Alumni Record*, which will be mailed to all alumni.

This issue, along with [www.mtalumni.com](http://www.mtalumni.com), is the premier reference guide for alumni to plan their homecoming week, and your happening should be included.

Let Alumni Relations know about your group's reception, reunion, production, concert, meeting, lunch, tailgate, open-house event—anything that alumni may attend throughout homecoming week. E-mail your event information to [rwright@mtsu.edu](mailto:rwright@mtsu.edu) before Friday, July 17, to ensure inclusion in September's *Alumni Record*.



Please include the following:

- name, date, time and location of event;
- sponsoring organization and contact person;
- phone number, Web site, reservation requirements; and
- a brief description of the event.

Your event also will be included in the official homecoming schedule at [www.mtalumni.com](http://www.mtalumni.com) and in the monthly e-newsletter, *Alumnotes*. Alumni Relations also is available to

assist with your reunion and can help you plan your event and spread the word. The newly redesigned Alumni Relations Web site now includes an online community for degreed alumni and promotes easy communication with alumni through e-mail. Call 615-898-2922 to learn more about how to reach alumni.

# Campus Calendar

## June 15-28

### 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](http://www.mtsunews.com) for other cable-outlet airtimes; visit [www.youtube.com/mtsunews](http://www.youtube.com/mtsunews) to browse archived shows.

### Through June 27

#### Governor's School for the Arts (25th Anniversary)

Campuswide  
(finale performances July 2 at Schermerhorn Symphony Center, Nashville)  
For information, visit: [www.mtsu.edu/gschool](http://www.mtsu.edu/gschool).

### June 15

#### June 15-18 Blue Raider Baseball Day Camp

for boys ages 7 to 12  
For information, visit [www.goblueraiders.com](http://www.goblueraiders.com) or contact: 615-898-2961.

### June 16

#### June 16-17 CUSTOMS Orientation

Business, education and behavioral science, liberal arts and undeclared majors  
For information, visit [www.mtsu.edu/~customs](http://www.mtsu.edu/~customs) or contact: 615-898-5533.

#### June 16-19 CSI: MTSU

for students in 10th-12th grades sponsored by the Forensic Institute for Research and Education and the College of Continuing Education and Distance Learning  
8:30 a.m.-4 p.m. daily  
Cost: \$225 per person  
For information, contact: 615-898-2462.

June 16-20  
**ACA/AMAA National Junior Heifer Show**  
Tennessee Livestock Center  
For information, contact: 615-330-4195.

### June 17

June 17-19  
**Kermit Davis Basketball Team Camp II**  
for boys' high-school teams  
For information, visit [www.goblueraiders.com](http://www.goblueraiders.com) or contact: 615-898-5228.

### June 19

Friday, June 19  
**Farmers' Market**  
sponsored by Plant and Soil Science Club  
1-5 p.m., Horticulture Center  
For information, contact: [nphillip@mtsu.edu](mailto:nphillip@mtsu.edu).

Sunday, June 21  
**"MTSU On the Record—The Pursuit of Happiness?"**  
Dr. James Oliver, assistant professor of philosophy, explains "The Philosophy of Happiness," a new class he will be teaching this fall.  
7 a.m., WMOT 89.5-FM  
Podcast available anytime at [www.mtsunews.com](http://www.mtsunews.com).



### June 22

June 22-25  
**Kermit Davis Individual Basketball Camp**  
for boys in grades K-12  
9 a.m.-4 p.m.  
For information, visit [www.goblueraiders.com](http://www.goblueraiders.com) or contact: 615-898-5228.

### June 26

June 26-28  
**Murfreesboro Obedience Training Club Agility Show**  
Tennessee Livestock Center  
For information, contact: [motc@webtv.net](mailto:motc@webtv.net).

**Rick Insell High-Intensity Basketball Camp**  
For information, visit [www.goblueraiders.com](http://www.goblueraiders.com) or contact: 615-898-5356.

Friday, June 26  
**Farmers' Market**  
sponsored by Plant and Soil Science Club  
1-5 p.m., Horticulture Center  
For information, contact: [nphillip@mtsu.edu](mailto:nphillip@mtsu.edu).

## Faculty Senate celebrates!



**NEW TRADITION**—Past presidents of MTSU's Faculty Senate gather at a May 28 luncheon at The Heritage Center of Murfreesboro and Rutherford County to share and record MTSU memories, build connections and brainstorm ideas to celebrate the university's past, present and future. The Faculty Senate, which was formed in 1966, promotes policies that set and maintain the university's academic programs and advocates for faculty and academic policies within the university community. The returning group of presidents is shown at left. Seated are, from left, Drs. Patrick Doyle, Harold Baldwin, Sondra Wilcox, Norman Ferris and Joe Evans; second row, from left, Drs. Frank Essex, Larry Burriss, Diane Miller, Jennifer Dooley, William Windham, Alfred Lutz, James Neal, Curtis Mason and Deborah Belcher; and third row, Drs. Warner Cribb, Chris Haseleu, Lester Levi and Jerry Brookshire. In the photo at lower left, 2009-09 president Lutz, in blue, and 04-05 president Burriss listen to a story from '89-90 president Levi, right. At left, 2009-10 Faculty Senate President Belcher speaks to the group.

group photo submitted; other photos by News and Public Affairs

### June 21

Sunday, June 21  
**Father's Day  
First Day of Summer**

### June 23

June 23-24  
**CUSTOMS Orientation**  
Basic and applied sciences, mass comm and undeclared  
For information, visit [www.mtsu.edu/~customs](http://www.mtsu.edu/~customs).

### Get noticed in *The Record*!

Submit Campus Calendar items to [gfann@mtsu.edu](mailto:gfann@mtsu.edu) by 3 p.m. Wednesday, June 17, for the June 29 *Record* or 3 p.m. Tuesday, June 30, for the July 13 *Record*.

made superior showings at their respective SBC championships as well. "It was a great year. We met every goal I set out for them, and that was to win a league championship, tournament championship and go to a regional," Baseball Coach Steve Peterson said. "What we have not achieved is winning a regional and going to a super regional, but I think we are getting closer and closer. With this season's records and everything they did, this team set it where they are the greatest team to have ever played baseball at Middle Tennessee State University."

In addition to winning two championships, the Blue Raiders rewrote the record books and set a number of team records, including hits, batting average, runs, doubles, home runs, runs batted in, wins and double plays.

The Blue Raiders broke the wins record with their victory over the University of Louisiana-Monroe in the SBC tournament championship game. Middle Tennessee ended the 2009 season 44-18 and 21-8 in Sun Belt play.

Senior Rawley Bishop ended his stellar career with six career records to his name. Bishop set the career mark in runs, home runs, RBIs, total bases, walks, hit by pitch and putouts during his senior campaign. Bishop ranks in the Top 10 in seven other career categories.

"He is the epitome of a college athlete," Peterson said. "He is a very good student who is going to graduate and could have signed professionally if he had advertised it last year. He said, 'Unless you give me a ton of money, I



would rather stay at Middle Tennessee and win a championship and play in a new stadium.' I would imagine he will get his shot to play pro ball, and he will have played on a team that won a championship and has set the mark for teams to come."

Sophomore Bryce Brentz had an unbelievable season, batting .465 with 28 home runs and 73 runs batted in. Brentz set six single-season records, including batting average, hits, runs, home runs, total bases and slugging percentage on his way to being named Sun Belt Player of the Year.

Brentz was also named Louisville Slugger First Team All-America and was a semifinalist for the Golden Spikes award. The Knoxville native has been invited to the 2009 USA Baseball National Team Trials at the USA Baseball National Training Complex in Cary, N.C., June 15-24.

Senior Nathan Hines and junior Coty Woods also made their marks during the 2009 season. Hines set the single-season and career mark for doubles and ranks in the Top 10 in nine categories on his way to Second Team All-Sun Belt and All-Tournament honors. Woods, who set the single-season record for saves with 15 and tied for first in appearances with 32, was named First Team All-Sun Belt.

The Blue Raiders opened the renovated Reese Smith Jr. Field in 2009 and performed well on the home front, posting a 27-4 record that included a shutout win over Vanderbilt, a sweep of 2008 champion ULM and a sweep over 2009 Missouri Valley Champion Missouri State.

**WISTEM**

MTSU pursue regional recognition in mathematics and science education," Miller added. "I commend Dr. Iriarte-Gross and other faculty and staff members who participated in the process that brought the WISTEM Center to MTSU. Its existence will benefit many MTSU students plus have a significant positive impact on STEM teacher preparation and STEM education programs across the state."

Iriarte-Gross said the center will have four primary goals:

- collaborating with the community to maximize efforts to supply women in STEM;
- supporting female STEM faculty in their academic development and career growth;
- maximizing resources and opportunities for girls and women to pursue STEM education and careers; and
- supporting the education community from pre-kindergarten to college in promoting best practices of gender equity in STEM education.

To meet these goals, WISTEM will continue to provide its signature programs—Expanding Your

Horizons, Girls Raised in Tennessee Science, the GRITS Collaborative, and Women In Science and Engineering—to the campus and MTSU community, Iriarte-Gross wrote in the proposal.

**'Women professionals in STEM are providing us with ... exciting innovations.'**

*Dr. Judith Iriarte-Gross, director of the new WISTEM Center*



The center will work with the CBAS; the Tennessee Mathematics, Science and Technology Center; MTSU's Learning, Teaching and Innovative Technology Center; MTSU's Association of Faculty and Administrative Women; and other interested and qualified organizations to support all STEM faculty and graduate students with professional-development opportunities.

Iriarte-Gross said she anticipates the "pulling together of all resources between MTSU and the middle Tennessee community to leverage what we have."

She added that she already has heard from Dr. Chrisila Pettey, professor in computer science, who shared information about a Women in Computer Science organization led by associate professor Brenda Parker and how the organizations could benefit from each other.

Iriarte-Gross said she plans to talk to various chairs in CBAS and other departments like geosciences and psychology to discuss "what we can do and how we can help women in STEM."

"All too often, I hear women students say, 'I was lucky I got a good grade' or 'I was lucky I got a good job.'" Iriarte-Gross added. "They've got to get out of that mindset and realize they are good at what they do, and say, 'We're not lucky. We know our stuff.'"



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# Forensic-science camp under the microscope again

by Lisa L. Rollins  
lrollins@mtsu.edu

For the third consecutive year, CSI: MTSU, a popular four-day program for students entering the 10th, 11th and 12th grades in Rutherford and surrounding counties, will return to campus June 16-19.

Co-sponsored by the MTSU College of Continuing Education and Distance Learning and the Forensic Institute for Research and Education, or FIRE, the camp's goals are to:

- allow students to explore unique career possibilities in forensic science;
- provide "real-life" reasons to tackle higher-level math and science courses; and
- develop skills in teamwork, seeing and understanding details, critical thinking and presentation.

"The student investigators will be presented with a re-creation of an actual crime scene. Each student is trained in the fundamental processes of collecting evidence, including DNA, fingerprints, hair and fibers, simulated blood spatter and shoe prints," said Dr. Hugh Berryman, director of FIRE and the camp's founder.



During the last afternoon of the camp, each team will make a presentation detailing the members' theories of the crime and the conclusions they reached. A panel of forensic scientists will critique team conclusions. Parents are welcome at the last camp session.

"There is a growing need for trained personnel to investigate and process crime scene evidence," Berryman remarked.

The cost to attend this unique camp, which will be conducted from 8:30 a.m. to about 4 p.m. each day, is \$225 per student and includes snacks at breaks, lunch and a camp T-shirt. For more information or to register, call 615-898-2462 or send an e-mail to [eshockle@mtsu.edu](mailto:eshockle@mtsu.edu).

To learn more about the local CSI camp from Berryman, who also is an MTSU anthropology professor, please listen to the Sunday, June 7, podcast "MTSU On the Record: The CSI Clue Crew," a 30-minute radio program on WMOT-FM. The podcast is available on iTunes or at <http://frank.mtsu.edu/~proffice/podcast2009.html>.

FIRE provides a central focus for interdisciplinary efforts at MTSU where educators and researchers form cooperatives dedicated to quality research, education and training in forensic science. FIRE also provides continuing education for the forensic and law enforcement community.

## Enrollment up after 2-year summer slump

by Randy Weiler  
rweiler@mtsu.edu

Summer enrollment appears to be on the increase, an official in MTSU Enrollment Services said.

Sherian Huddleston, associate vice provost for enrollment services, said that by the end of May, enrollment had increased by 580 students.

Huddleston compared the May 28 enrollment total of 8,388 with that for May 2008, which was 7,808.

She said MTSU will not submit final totals to the Tennessee Board of Regents until the last week in July. The 2008 final census was 8,210.

"We have just finished the three-week mini-term for summer," Huddleston said.

"Students can register for summer sessions that haven't yet begun. That is an advantage of attending summer school. Students can earn additional credits and still have some vacation time."

## Living history

# BLUE RAIDER MILESTONES:

## APPROACHING THE CENTENNIAL

**FALL 2009 HONORS LECTURE SERIES: UH3000 CRN#84609**

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|---|---|---|
| <p><b>SEPTEMBER 7</b><br/>Labor Day - No Classes</p> <p><b>SEPTEMBER 14</b><br/>The Founding of MTSU<br/>Dr. Jan Leone, History</p> <p><b>SEPTEMBER 21</b><br/>Development of the Women's Center and Women's Studies<br/>Dr. Nancy Rupprecht, History</p> <p><b>SEPTEMBER 28</b><br/>Philip Martin and the Evolution of Academic Freedom at MTSU<br/>Dr. Jim Williams, Director, Gore Research Center</p> <p><b>OCTOBER 5</b><br/>American Association of University Professors at MTSU<br/>Dr. David Rowe, History</p> | <p><b>OCTOBER 12</b><br/>Sports at MTSU<br/>Dr. Fred Colvin, History</p> <p><b>OCTOBER 19</b><br/>Fall Break - No Classes</p> <p><b>OCTOBER 26</b><br/>Built Environment of Campus<br/>Dr. Lorne McWatters, History</p> <p><b>NOVEMBER 2</b><br/>History of the Honors College<br/>Dr. Phil Mathis, Professor Emeritus, Former Dean, University Honors College</p> <p><b>NOVEMBER 9</b><br/>ROTC/Forrest Hall Issue<br/>Dr. Derek Frisby, History</p> | <p><b>NOVEMBER 16</b><br/>Military Training on Campus<br/>Dr. Ellen Garrison, History</p> <p><b>NOVEMBER 23</b><br/>TBA</p> <p><b>NOV. 30 / DEC. 7</b><br/>student thesis presentations</p> |
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**Mondays, 3:00 - 3:55 p.m.**  
**Amphitheater, Room 106**  
**Paul W. Martin Sr.**  
**Honors Building**

All lectures are free and open to the public. Lecture topics are subject to change.  
MTSU is an Equal Opportunity Institution. For more information, contact the Honors Office at 615-898-2462 or visit [www.mtsu.edu/honors](http://www.mtsu.edu/honors).

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WWW.MTSU.EDU/HONORS

**DON'T MISS A MINUTE!**—Mark your calendars now to ensure you don't miss the Fall 2009 Honors Lecture Series, "Blue Raider Milestones: Approaching the Centennial." The series, set each Monday at 3 p.m. in Room 106 of the Paul W. Martin Sr. Honors Building, focuses on historical facets of the university and is free and open to the public. More details are at [www.mtsu.edu/honors](http://www.mtsu.edu/honors).



Get noticed in MTSU's official university publication! Check *The Record's* 2009 deadline schedule at [http://frank.mtsu.edu/~proffice/rec\\_deadlines.htm](http://frank.mtsu.edu/~proffice/rec_deadlines.htm).

# Barn book preserves disappearing history

## Readers' stories, photos capture glimpse of farm life

by Lisa L. Rollins  
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**B**arns of Tennessee, a just-completed book that illustrates the indelible connection between generations of the state's residents and their farms, has been published in a partnership between Donning Company Publishers, the staff of *The Tennessee Magazine* and co-authors Caneta S. Hankins and Michael T. Gavin, both of MTSU.

The 160-page hardbound title features 375 photographs of Tennessee barns—made from stone, log, brick and metal—along with information about each one. Most of the photographs are in color, though several are vintage black-and-white images.

In working to make the book project a reality, authors Hankins, assistant director of the Center for Historic Preservation at MTSU, and Gavin, preservation specialist for the Tennessee Civil War National Heritage Area, sorted through more than 3,500 photos. The project began with a request to readers of *The Tennessee Magazine*, a publication of the Tennessee Electric Cooperative Association, to share photographs and stories of their barns.

"The overwhelming response of Tennesseans to this invitation indicates the significance of farming not only to our history but, more importantly, to the current contributions of farms and farmers to the state's overall economy and to a safe and reasonably priced local source of food," Hankins said.

At the start of the project, she said, "we had about 25 banker's boxes of photographs to go through ... and we made sure we had at least one barn from each of Tennessee's counties."

"After looking through the images and descriptions that people submitted, it was obvious that Tennesseans love their barns," co-author Gavin

recalled. "Our challenge was to organize the abundance of material in a way that was meaningful and understandable."

The limited-edition book and the overall collection of photographs is an invaluable documentation of the Tennessee farms and barns that have shaped the agrarian landscape and culture of the state for more than two centuries, said Dr. Carroll Van West, director of MTSU's Center for Historic Preservation.

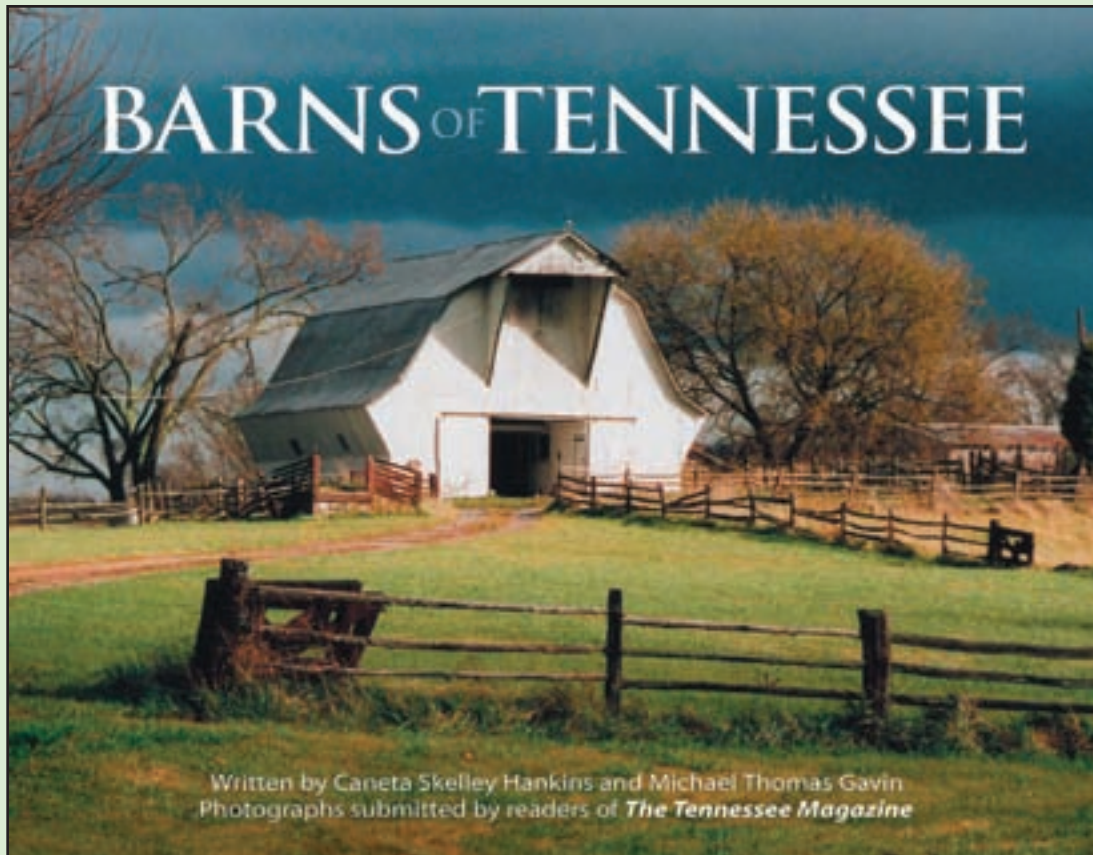
The book's production team included magazine staffers Robin Conover, Chris Kirk and Jerry Kirk, with Trish Milburn editing the book and Ron Bell serving as designer. Photographs from the collection of Conover, editor of *The Tennessee Magazine*, also are included.

"The barns that are spread across the landscape have played a pivotal role in the changes and continuity of Tennessee's farming traditions for more than 200 years," noted Hankins, who also oversees the Tennessee Century Farms program via her work in the CHP.

*Barns of Tennessee*, which is available for purchase through the Tennessee Electric Cooperative Association's Nashville offices at 710 Spence Lane and via its Web site ([www.tnelectric.org](http://www.tnelectric.org)), also includes historic reference information about each barn, as well as architectural types of barns and their functions in

the agrarian lifestyles of Tennessee's farmers.

"Because barns are the symbol of farming, ways to maintain and use them in a changing culture and landscape are also part of the book," Hankins said. "Each community, county and the state as a whole must seriously and intentionally ask hard questions about the future of farms, especially family farms, which are vital to our very survival."



'TENNESSEANS LOVE THEIR BARNs'—The new *Barns of Tennessee*, written by two MTSU staffers, is helping to preserve Tennessee farm history. At top right, afternoon sunlight filters across a name carved into a feed-room door of Toni and Robert Conover's barn in Gibson County in a photo by *Tennessee Magazine* editor Robin Conover. The barn book's cover photo, top, depicts a circa-1950 barn on Wilson Pike in Williamson County that was torn down in 2003. (The photo was submitted by Vernon Taylor.) In the photo above left, the Birdwell family of Greene County provided a photo of the old granary on Still Hollow Farm, a Century Farm founded in 1857, that has been adapted into the Farmer's Wife Gift Shop. Above right, a photo provided by S. Dean Northcutt shows a barn at Rutledge Falls in Coffee County dating to the 1920s.

photos submitted

# Grad student getting an education on teaching in China

by Erin Bridges  
news@mtsu.edu

Many MTSU students are unaware of the numerous grants available to them, but one MTSU graduate student is taking full advantage of these opportunities.

Traveling to China this summer, MTSU's Leigh Gostowski, a graduate student in biology, will be experiencing the Chinese education system firsthand. Gostowski, who's also a project coordinator in the Department of Educational Leadership, received a grant from the National Science Foundation East Asia-Pacific Island Summer Institute to study China's high-school biology curriculum.

The self-described "biologist, teacher and paper-pusher with a serious case of wanderlust" arrived in Beijing June 1 and will stay in China through August to research science curricula that incorporate the Inquiry method.

"Inquiry learning is where students actually engage in scientific endeavors. They look for questions that they have about what they're learning and design experiments to answer their questions," Gostowski said. "So, instead of sitting in desks copying notes, they're doing it in a more active manner."

Gostowski will be observing high-school biology classes in rural and urban settings as well as conducting surveys with the students. Through the surveys, she will be able to quantify what types of activities students are doing in class and what interests them about science.

"If we want students to learn to love science and to be scientists, then they need to engage in science the way a scientist would," Gostowski said.

Historically, the Chinese education system has not had opportunities to engage in Inquiry activities, which studies indicate is the most beneficial way to learn science. But things have been changing within the Chinese education system.

Over the past 15 years, China has instituted compulsory education for everyone in the country. Along with compulsory education, the People's Republic of China also has reformed its high-school science curriculum and is trying to incorporate Inquiry learning and critical-thinking activities into science programs.

After a month of observing classes, Gostowski will conduct a weeklong professional-development workshop for high-school biology teachers to show them how to integrate Inquiry activities into their programs.



Gostowski



**OFF TO THE EAST**—Leigh Gostowski, a project coordinator in MTSU's Department of Educational Leadership, is studying the Chinese education system this summer while working toward her master's degree in biology. She'll be based in Beijing, shown above, for much of her trip but also plans to travel to Lanzhou and other areas.

"If they can pull off compulsory education for all of their students and encourage them to be thinking critically, then maybe the United States can take some lessons from how they have done it. Maybe there are some lessons we can learn from them, and they can learn from us, about how to best teach our children," she said.

Gostowski will spend most of her time in Beijing, but she also plans to travel to Lanzhou in northeast China and will take several tours while visiting the country. You can follow her adventures in China through her blog at <http://li-li-leigh.blogspot.com>.

## the RECORD

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Director, News and Public Affairs

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## Faculty/Staff Update

### Appointments

**Dr. Zeny Panol** (journalism) has been selected as the new editor of the *International Communication Bulletin*, official journal of the Association for Education in Journalism and Mass Communication's International Communication Division. Panol, who is currently the publication's interim editor, was selected by ICD's Editorial Selection Committee. Members of the division will be asked to confirm the selection at AEJMC's Boston conference in August.

### Passages

**Dr. W. Elmer Raper** (education), 97, passed away on May 22. He was born in Athens, Tenn., and was a member of New Providence Presbyterian Church. Dr. Raper was a head athletic trainer for the University of Chattanooga and a professor in MTSU's College of Education from August 1957 until his retirement in May 1974. He and his wife, Jeane, had camped in 48 states and traveled abroad. Dr. Raper was preceded in death by his parents, Robert Arnold and Calista Richeson Raper, and several brothers and sisters. He is survived by his wife of 58 years, Jeane Simpson Raper of Rockford, Tenn.; sisters-in-law Joyce S. Niles,

Frankie Simpson and Sara S. Atkins; brothers-in-law Charles Atkins and Bill Simpson; and several nieces and nephews. The family requests that memorials be made to the charity of your choice.

### Presentations

**Dr. Rong Luo** (mathematical sciences) presented "Recent Results on Vizing's Independence Number Conjecture on Edge-Chromatic Critical Graphs," at the 22nd Cumberland Conference on Combinatorics, Graph Theory and Computing, held May 21-23 at Western Kentucky University in Bowling Green.

### Publications

**Dr. Edd Applegate** (journalism) has written *Advocacy Journalists: A Biographical Dictionary of Writers and Editors*, published by the Scarecrow Press. His book *Muckrakers: A Biographical Dictionary of Writers and Editors* was published by the same publisher last year. Applegate also contributed the lead article, "The Concepts of 'News Balance' and 'Objectivity'" to *Public Relations Quarterly*, Vol. 52, No. 4.

**Drs. Minsoo Kang** (health and human performance) and **Thomas**

**Brinthaupt** (psychology) have published an article, "Effects of group- and individual-based step goals on children's physical activity levels in school," in the journal *Pediatric Exercise Science*, 21, 148-158.

**Dr. Debra Rose Wilson** (nursing) has a chapter, "Neurological Issues," in a nursing textbook in print this month, *Comprehensive Women's Health Care*, Alexander & Hood (eds.) (2010).

### Get noticed in *The Record*!

Submit your news to [gfann@mtsu.edu](mailto:gfann@mtsu.edu) by 3 p.m. Wednesday, June 17, for the June 29 *Record* or 3 p.m. Tuesday, June 30, for the July 13 *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](http://frank.mtsu.edu/~proffice/rec_deadlines.htm).