Changes and Transitions

This past August Dr. Tom Cheatham transitioned into a new role at MTSU. Dr. Cheatham is now serving as director of the Tennessee Mathematics Science Technology Education Center (TMSTEC). In this new role, Dr. Cheatham will further science, technology, engineering and mathematics education initiatives throughout Tennessee and the region. After serving as Dean of the College of Basic and Applied Sciences for the past 11 years, we are thankful to Dr. Cheatham for his commitment and dedication to MTSU, to TLSAMP, and the statewide TLSAMP Alliance.

In August of this year, MTSU welcomed Dr. Robert ‘Bud’ Fischer Jr. to the position as Dean of our College of Basic and Applied Sciences. Dr. Fischer comes to MTSU from the University of Alabama at Birmingham, where he served as Chair of the Department of Biology. Dr. Fischer received his Ph.D. from the University of South Carolina, his M.A. from State University College at Buffalo, and his B.S. from Syracuse University. His research areas include aquatic biology, fisheries biology, evolutionary biology, and physiological ecology. We welcome Dean Fischer to MTSU.

Spring 2012 Registration November 12th - November 21st.

- **To find your Registration Time & Date:** Log in to Pipeline, Open Raidernet tab, Click on Registration > Assigned Registration Time.

- **To find your Faculty Advisor:** Log in to Pipeline, Open Raidernet tab, Click on Registration > Assigned Advisor.

- **To View Your Holds:** Log in to Pipeline, Open Raidernet tab, Click on Registration > Holds.

- **If you have < 30 credits YOU MUST SEE AN ADVISOR BEFORE YOU CAN REGISTER FOR SPRING 2013 CLASSES!**

Remember to CONFIRM your schedule!
REMEMBER! TLSAMP Makes Academic Assistance Available To YOU.

A benefit provided to all TLSAMP student participants is academic assistance. TLSAMP provides weekly tutorial assistance with mathematics based lessons in Calculus, Pre-Calculus, and/or Physics in WPS Room 201.

TLSAMP Student Assistants are Dylan Russell and Garrett Cole. Both Dylan and Garrett are Physics Education Majors, which means that they want to TEACH Physics, Math & Science when they graduate.

If you are having difficulty in basic mathematical concepts, these young men are ideal to instruct you. Combined, both students have provided TLSAMP tutoring for more than 4 years. They know how to help. Please make a point to visit TLSAMP Tutoring on a weekly basis.

<table>
<thead>
<tr>
<th>Fall 2012</th>
<th>Wiser Patten Room 201</th>
<th>Tuesdays: 6pm—8pm</th>
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<tr>
<td>Tutoring Schedule</td>
<td>Wiser Patten Room 201</td>
<td>Wednesdays: 6pm—9pm</td>
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Laptops and Calculators Available for Checkout

TLSAMP offers both a Laptop and Calculator checkout service to student participants free of charge. Equipment may be checked out for academic purposes 1 week at a time.

Laptops are equipped with the latest Microsoft Office software and have full wireless capabilities. All laptops have an over the shoulder carrying case for lightweight comfort.

If you desire to use the Laptop / Calculator service, please email Mimi Thomas at Mimi.Thomas@mtsu.edu to schedule your reservation in Jones Hall 152.

Apps of Interest

**Molecules** ([iPhone App store](https://apps.apple.com)): 3-dimensional rendering of molecules that you can manipulate.

**BioCourseWare**: Apps developed by the University of Nottingham, aimed at students in the biological sciences. Their free offerings include a Biology Dictionary, History of Genetics, and Genetic Decoder.

**BrainTutor 3D** ([iPhone App store](https://apps.apple.com)): Explore a three-dimensional model of the human brain.
“P” is for Participation!

November Events: Please remember that in order to be eligible for TLSAMP funds, students should have a record of participation. There are several ways to incorporate participation into your schedule.

| PLAN NOW FOR SUMMER RESEARCH | It is never too early to start planning for a summer research experience! In fact, the right time is NOW!
|-------------------------------| Come and participate in this workshop designed to help STEM students prepare successful applications for the prestigious and PAYING summer internships at Oak Ridge National Laboratory. The deadline is: January 10th, 2013. [http://www.orau.org/ornl](http://www.orau.org/ornl) |
| Wednesday, November 7, 2012 | |
| KOM | |
| Room 267 - Math Computer Lab | |
| Time: 4:30 pm | |

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<tr>
<th>TLSAMP RESEARCH WORKSHOP</th>
<th>This TLSAMP Research Workshop will provide an overview of research basics. Topics will include:</th>
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<tr>
<td>Tuesday, November 13, 2012</td>
<td>• Tips for Finding and Funding a Research Project</td>
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<tr>
<td>TODD</td>
<td>• The Difference between a Resume and a CV</td>
</tr>
<tr>
<td>Room 212</td>
<td>• Ideal Ways to Present Your Research</td>
</tr>
<tr>
<td>Time: 6:00pm</td>
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<th>METACOGNITION: Keys to How YOU Learn</th>
<th>This interactive workshop will provide you with keys to optimize the way you learn and retain information. You’ll use a computer to map out your brain and other key learning qualities. The workshop will provide timely tips just before the exam crunch begins!</th>
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<tbody>
<tr>
<td>Tuesday, November 27, 2012</td>
<td></td>
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<tr>
<td>WALKER LIBRARY</td>
<td></td>
</tr>
<tr>
<td>Room 264 A</td>
<td></td>
</tr>
<tr>
<td>Time: 2:00 pm</td>
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Study Abroad Fair

Wednesday, November 14, 2012
in the Student Union

The Study Abroad Fair will be from 10 am-2 pm.
Special sessions will be offered in the following:

10:00-10:30 am :
“Studying Abroad with No Previous Foreign Language Skills”

10:30-11:00 am:
“Global Career-Building Internships”

11:30 am-12 pm:
Fulbright/CLS/Gilman Session

12:30-1:00 pm :
“International Service-Learning Opportunities”

1:00-1:30 pm:
Fulbright/CLS/Gilman Session

All workshops will be held in the
Student Union Room 221

-Learn how the Fulbright can help you study, research, or teach English following your graduation from MTSU. Typically, you apply as a junior in college.

-CLS offers fully funded summer language institutes for 13 different languages.

-The Gilman International Scholarship offers up to $5000 for students with Pell grants to study abroad (for specific countries).

Contact EducationAbroad@mtsu.edu or (615) 898-5179 for more information.
Awards up to $30,000. At least 15 scholarship awards will be granted in 2013. Each award provides up to $30,000, which includes up to $25,000 towards tuition, room and board, and billable fees. This award is not transferable.

Each UNCF Merck Undergraduate Fellow will be paired with a mentor/s and will be eligible for an Internship at a Merck Facility (applied for separately).

The recipient’s department may apply for a Department Grant of up to $10,000. The actual amount of this grant is contingent upon funds remaining in the scholarship portion of the award after all tuition, room and board, and billable fees are paid.

Eligibility Criteria

To be considered for a UNCF Merck Undergraduate Science Research Scholarship Award, you must be:

- African American (Black)
- Enrolled full-time in any four-year college or university in the United States
- A junior who will be a B.S. or B.A. degree candidate in the 2013-2014 academic year
- A life sciences, physical sciences, or engineering major. (Applicants majoring in the physical sciences must have completed two semesters of organic chemistry by the end of the 2012-13 academic year). First professional (Pharm.D., D.V.M., D.D.S., etc.) majors are ineligible
- A student with a minimum GPA of 3.3 on a 4.0 scale
- Committed to and eligible for the summer internship at a Merck facility
- A citizen or permanent resident of the United States.

Award recipients will be selected based on their GPA, their demonstrated interest in their own scientific education and a career in scientific research or engineering, and their ability to perform in a laboratory or engineering environment.

APPLY ONLINE HERE FOR AN UNDERGRADUATE AWARD!
MTSU is a proud member of the **Tennessee Louis Stokes Alliance for Minority Participation** (TLSAMP). Other alliance institutions include Lemonye-Owen College, University of Memphis, University of Tennessee at Knoxville, Tennessee State University, and Vanderbilt University. TLSAMP funding is underwritten by a grant from the National Science Foundation.

The program at MTSU is designed to give special attention to students’ needs toward successful completion of the undergraduate STEM (science, technology, engineering or math) degree. Specific attention is given to underrepresented students majoring in STEM. Some may even qualify to receive financial assistance. We provide resources in the following areas:

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<th>Research Opportunities</th>
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<td>Life Skill Workshops</td>
<td>Regional &amp; National Conferences</td>
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<td>Poster and Research Presentation</td>
<td>Financial Aid Assistance</td>
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**Tennessee Louis Stokes Alliance for Minority Participation**

**April 5-6, 2013**

10th Annual Undergraduate Research Conference

“Celebrating 10 Years of Excellence in STEM”