Tennessee Academy of Science

TAS

Program

of the

115th Meeting

The University of Tennessee at Martin
Martin, Tennessee
November 17-18, 2005
Institutional Sustaining Members of the Tennessee Academy of Science

Austin Peay State University
Middle Tennessee State University
Rhodes College
Tennessee Technological University
The University of Tennessee at Martin

Affiliated Societies of the Tennessee Academy of Science

American Association for the Advancement of Science
Barnard Astronomical Society
Clarence T. Jones Memorial Observatory
National Association of Academies of Science
Tennessee Association of Science Department Chairs
Tennessee Entomological Society
Tennessee Psychological Association
Tennessee Junior Science and Humanities Symposium
Tennessee Science Teachers Association

TAS Home Page Information
For information about TAS, including information for the annual and collegiate division meetings, the Tennessee Visiting Scientist Program, the membership list, and more, visit the TAS website at:
http://www.tnacadsci.org/

TAS Future Meeting Sites
2006 Austin Peay State University
TABLE OF CONTENTS

TAS Institutional Sustaining Members
TAS Affiliated Societies
Table of Contents and Announcements
Meeting Schedule and Social Events
General Assembly: Plenary Address, Business Meeting
TAS Symposium and Fieldtrip: Reelfoot Lake II

Technical Sessions
  Botany
  Cell and Molecular Biology, Health and Medical Science, Microbiology
  Chemistry
  Engineering & Engineering Technology
  Geology and Geography
  History of Science
  Mathematics and Computer Science
  Physics and Astronomy
  Science and Math Teaching
  Zoology I and II

Poster Session (Ballroom Lobby)
Standing Committees
Executive Committee
Local Arrangement Committee
Directions to UT-Martin
Campus Map

ANNOUNCEMENTS

Registration: Meeting attendees may register by mail (see previous mailing) or onsite in the Lobby of the Watkins Auditorium in the University Center on November 18, 2004, 7:30 A.M.–1:00 P.M.

Luncheon Tickets. Extra tickets may be available for $10 at the Registration Desk.

Membership: Application forms for membership in the Tennessee Academy of Science will be available at the Registration Desk. A completed application accompanied by first year dues may be left with the TAS Treasurer at the Registration Desk or mailed to: Dr. Steven Murphree, Department of Biology, Belmont University, 1900 Belmont Blvd., Nashville, TN 37212-3758. Current annual dues by category are: Regular $30; Sustaining, $35; Supporting, $40; Life, single payment $300; Student or Emeritus, $10. Membership includes a subscription to the TAS Journal.
MEETING SCHEDULE

Thursday, November 17, 2005

5:30 - 10:00.  Executive Committee Meeting and Dinner
               Chancellor’s Residence

Friday, November 18, 2005

7:30 – 1:00  Registration
            Watkins Auditorium Lobby, University Center

8:00 – closing  Vendors Display
                First floor hallway, University Center

8:15 - 10:00  Reelfoot Lake Symposium II
              University Center 111

8:30 - 3:00  Posters Session (attended 8:45-10:15)
             Ballroom Lobby, University Center, Second Floor

10:00 - 10:15  Break
              Watkins Auditorium Lobby, University Center

10:15 – 11:30  TAS Plenary Session
                Watkins Auditorium, University Center

11:30 - noon  TAS General Assembly and Business Meeting
              Watkins Auditorium, University Center

Noon - 1:00  Luncheon
            Ballroom Lobby, University Center, Second Floor

Noon - 1:00  Annual Science Chairs Luncheon Meeting
            University Center 125

1:10 - closing  Section Business and Technical Sessions
                Locations as listed in the program
TAS GENERAL ASSEMBLY
Friday, November 18, 2005
Watkins Auditorium, University Center

WELCOME
10:15
Dr. Nick Dunagan, Chancellor
The University of Tennessee at Martin
and
Mr. Randy Brundige, Mayor
City of Martin, Tennessee

2005 TAS PLENARY ADDRESS
10:30-11:30
“Tsunami 2004”

S. K. Ballal, Ph.D.

Dr. Ballal received his Ph.D. in Botany in 1964 from the University of Tennessee. He is a Fellow of the Tennessee Academy of Science and served as its President in 1982. In 2004 he was a Fulbright Fellow in Sri Lanka. Presently, he serves as Professor of Biology at Tennessee Technological University.

BUSINESS MEETING
11:30-noon
Stephen M. Wright, 2005 President TAS, Presiding
Freshwater Turtle Populations Of Reelfoot Lake. V. Cobb, B. Glorioso, and E. Young, Middle Tennessee State University.

An Adult Digeneic Trematode (Fluke) Parasite of Crayfish Inhabiting the Wetlands Around Reelfoot Lake. H. Turner, The University of Tennessee at Martin.

Geologic Aspects Of The Battle Of Island No. 10. R. Stearns, Vanderbilt University.


Paleontology Of The Reelfoot Lake Region. M. Gibson, The University of Tennessee at Martin.

This symposium is the sequel to a symposium held at the 2003 TAS Annual Meeting

REELFOOT LAKE FIELDTTRIP organized by Michael A. Gibson and Wintfred Smith The University of Tennessee at Martin

Participants at the 2005 Annual Meeting are invited to register for a special fieldtrip to Reelfoot Lake on Saturday November 19. The fieldtrip will feature a series of stops around Reelfoot Lake that highlights the lake’s natural features. Presenters in the Reelfoot Symposium will be on hand to expand upon their oral presentations. The trip begins with a look at the Mississippi River, its levee system, and influence on the development of Reelfoot Lake (Michael Gibson, UT Martin) and the Civil War Battle of Island 10 (Richard Stearns, Vanderbilt University). Earthquake history and recent scientific advancements will be the focus of several stops in the Tiptonville area and along the Chickasaw Bluff line (Roy VanArsdale and Ryan Csontos, University of Memphis). The sites where fossilized land snails and Pleistocene vertebrates, such as mastodons, will be visited (Michael Gibson, UT Martin). Amerindian settle as represented by the mounds they built will also be included (Bill Lawrence, TN State Parks). Reelfoot Lake’s biological resources, especially fish and vegetation, will be highlighted at several of the stops (Andy Sliger and Tom Blanchard, UT Martin). Finally, management issues associated with the lake will be discussed.
1:10 pm  
Section Business Meeting: Election of Officers for 2006

1:15  

1:30  
The Effects of Water-Soluble Chemicals in *Kalmia latifolia* on *Pinus pungens* Seed Germination.  O. Dees*, C. Meyer* and N.T. Welch#, Middle Tennessee State University (OD, NTW) and University of Southern California (CM).

1:45  
Distribution of *Lemnaceae* and Taxa in Coastal South Carolina.  B. Alley* and S.K. Ballal, Tennessee Technological University.

2:00  

2:15  

2:30  

2:45  
Some Ecological Aspects of *Tomanthera auriculata*, Earleaf False Foxglove, on the Southern Pennyroyal Plain.  E.W. Chester, Austin Peay State University.

3:00  
Break

3:15  
The Status of *Clematis morefieldii* (Huntsville Vasevine) in Tennessee.  C. Bailey and D. Lincicome, Jackson State Community College (CB) and Tennessee Department of Environment and Conservation, Division of Natural Heritage (DL).

3:30  
The *Carex crinita* Lam. Complex (Cyperaceae Section Phacocystis) in Tennessee.  Dwayne Estes*, The University of Tennessee.

3:45  

4:00  
An Ecological Assessment of Standing Stone State Forest.  R. McCoy, Tennessee Division of Natural Heritage.
BOTANY
(continued)

4:15  All Taxa Biodiversity Inventory Update at Edgar Evins State Park, Dekalb County, Tennessee. W. Hesson* and R. Barber, Volunteer State Community College.

4:30  Forest Composition and Communities of Edgar Evins State Park, Dekalb County, Tennessee. R. Barber and W. Hesson*, Volunteer State Community College.


* student author         # presenting author, if not first author
1:10 pm  **Section Business Meeting: Election of Officers for 2006**

1:15  **Enzymatic Activity of *Spirodela Oligorrhiza*.** J. Harris* and S.K. Ballal, Tennessee Technological University. (Cell and Molecular)

1:30  **Human Papillomavirus Proteins and Their Role in Cancer Progression.** J. T. Thomas, Belmont University. (Cell and Molecular)

1:45  **Human Factors Analysis of a Fighter Aircraft Avionics Upgrade.** M. Coakwell, D. Roberts*, and B. Funke, Misawa Air Base, Japan. (Health and Medical Sciences)

2:00  **Both *Borrelia Burgdorferi* (Lyme Disease) And *Borrelia Lonestari* (STARI) Are Established in Middle Tennessee.** K.R. Onks*, S.W. Hamilton, and S.M. Wright, Middle Tennessee State University and Austin Peay State University. (Health and Medical Sciences)

2:15  **Differentiation of Influenza a Viruses Using Host-Specific Probes Based on Conserved Nucleotide Regions.** R.S. Davis* and S.M. Wright, Middle Tennessee State University. (Health and Medical Sciences)

2:30  **Evaluation of Antigen-Antibody Interaction through Microarrays: Potential for a Novel Biosensor.** V.M. Master*, T.R. Denton, C.E. Holman, W.M. Robertson, and S.M. Wright, Middle Tennessee State University. (Health and Medical Sciences)

2:45  **Break**

3:00  **Allelopathic and Antimicrobial Properties of the Ayuverdic Herbs, Neem and Gotu Kola.** Christina L. Nelson* and John M. Zamora. Middle Tennessee State University, Murfreesboro, Tennessee. (Microbiology)

3:15  **The Isolation and Identification of Antimicrobic-Producing Organisms.** Brandon Naquin* and John M. Zamora. Middle Tennessee State University, Murfreesboro, Tennessee. (Microbiology)

3:30  **In Interdisciplinary Research: An Investigation of Heart Beat Signal (EKG) Using Nonlinear Dynamics.** C. Erkal, University of Tennessee at Martin (Physics)

* student author  # presenting author, if not first author
CHEMISTRY
Engineering and Physical Science Building 202
Phillip H. Davis, presiding
The University of Tennessee at Martin

1:10 pm  Section Business Meeting: Election of Officers for 2006

1:15  Oral presentations to be announced. See Addendum distributed at the meeting.

* student author  # presenting author, if not first author
1:10 pm  Section Business Meeting: Election of Officers for 2006

1:15  Reform of Engineering Technology in Taiwan. C.Z Chen, Austin Peay State University.

1:30  Using NJCATE Curriculum Model For Engineering Technology Education. A Salama, C.Z Chen, A. Saad, Austin Peay State University (AS, CZC) and Georgia Institute of Technology (AS)

1:45  Web-based Evaluation of STEM Projects. I. Fidan, Tennessee Technology University.

2:00  Computer-Aided Knowledge-Based Process Planning for SMT Rework. I. Fidan, Tennessee Technology University.

2:15  The Importance Of Professional Practice And Project Management For Engineering Education. A. Saad and A. Salama, Georgia Institute of Technology (ASAA) and Austin Peay State University (ASAL)


2:45  Break


* student author  # presenting author, if not first author
1:10 pm  Section Business Meeting: Election of Officers for 2006


1:30  Stratigraphic And Structural Modeling Of The Mississippi Embayment.  R. Csontos*, and R. Van Ardale, University of Memphis.

1:45  Correlation And Sequence Stratigraphy Of The Claiborne Group In The Tri-State Area Of Western Tennessee, Eastern Arkansas, And Northern Mississippi.  A. Owen* and D. Larsen#, University of Memphis.


2:15  Geochemistry Of The Metaigneous Pumpkinvine Creek Formation, Allatoona Lake, Georgia.  H. G. Churnet#, and C. Emily*.  The University of Tennessee at Chattanooga


2:45  Modeling Dark Nebulae: Structure, Reddening Law, and VeLLOs.  L. Crews, T. Huard, and B. Stiles, University of Tennessee at Martin (LC, BS) and Harvard-Smithsonian Center for Astrophysics (TH).

3:00  Break


3:30  Low Cost, Low Altitude Aerial Photography.  R. G. Litchford and E. Wolf*. University of Tennessee at Chattanooga.


* student author    # presenting author, if not first author
Section Business Meeting: Election of Officers for 2006

1:15  Conrad Jamison, Jr.: The Life of a Tennessee Naturalist. Thorunn A. McCoy and Roger A. McCoy. University School of Nashville and Tennessee Division of Natural Heritage

1:35  Medieval Studies of Motion. Brother Kevin Ryan, Christian Brothers University

* student author    # presenting author, if not first author
1:10 pm  Section Business Meeting: Election of Officers for 2006

1:55      Arguing The Axioms Of Set Theory.  J. Schommer, University of Tennessee at Martin.

2:15      Computer Simulation Model Applied In Teaching Agricultural Economics.
           H. Djunaidi, Middle Tennessee State University.

2:35      Plummer-Whitney Systems: Some Preliminary Results On A Generalization Of
           Matroids And Well-Covered Graphs.  S. Campbell and J. Rowe, Belmont University
           and The Harpeth Hall School.

* student author  # presenting author, if not first author
Papers submitted to this Section appear in Chemistry, Health and Medical Science, and Geology and Geography sessions. There will be no business meeting for this Section in 2005.
Section Business Meeting: Election of Officers for 2006


Use Of Web Based Repository And Other Technologies In Enhancing Undergraduate Mathematics Teaching, F. Majid, Alabama A&M University, Huntsville, Alabama.


Integration of FTIR Spectroscopy in General Chemistry Laboratory Curriculum: An NSF-Funded Project. F. Setayesh, Nashville State Technical Community College.

Student Perspectives on Dual Credit Geology. M. Cook*, A. Saunders, J. Eisterhold, N. Eisterhold, J. Gullett, K. Hooten, K. Kraft, E. Wilson, A. Wilton, M.A. Gibson, University of Tennessee at Martin, Martin, TN

Integrating Scientific Discovery Research Projects into the Classroom. Rebecca L. Seipelt and A. Bruce Cahoon. Biology Department. Middle Tennessee State University.


Inquiry Driven Lab Series In Cellular Biology Based On Membrane Domain Components In Yeast. G. Willhite, Tennessee Wesleyan College.

Utilization Of C.elegans For The Study Of Metabolism. N. Ragsdale and Ashley Dozier*, Belmont University.

Using Current Events to Bring the Big Picture View to Students in Biology Courses. Karen Kendall-Fite, Columbia State Community College.


* student author     # presenting author, if not first author
Section Business Meeting: Election of Officers for 2006

1:30  
**Variation In Aggressive Behaviors Of Sciurus carolinensis During Feeding: Self Recognition Or Kin Recognition?**  C. Baugher* and A. N. Barrass, The Center of Excellence for Field Biology, Austin Peay State University.

**Assessing Temporal Variability In Biodiversity Measures Of Small Mammals Across Vegetational Types.**  H. L. LaMountain* and M. L. Kennedy, The University of Memphis.

**A Survey Of Mammalian Biodiversity At Fort Donelson National Battlefield.**  A. Featherston*, H. LaMountain, D. McDermott, N. Jordan and M. L. Kennedy, The University of Memphis.

**Breeding And Non-Breeding Home Ranges Of Adult Male Raccoons (Procyon lotor): Territoriality And Metabolic Home Range Size.**  J. B. Jennings*, M. L. Kennedy, and A. E. Houston, The University of Memphis (JBJ and MLK), and Ames Plantation, The University of Tennessee (AEH).


**Variability Of Opossum Litter Size In Western Tennessee.**  K. Sharma* and J. R. Hisey, Lee University.

**Spatial And Temporal Variation In Sex-Bias Response Of Raccoons (Procyon lotor) To Live Traps.**  E. H. Vecchio*, B. Carver, J. Hisey, T. A. Ladine, and M. L. Kennedy, The University of Memphis (EHV, MLK), Freed-Hardeman University (BC), Lee University (JH), and East Texas Baptist University, Marshall, Texas (TAL).

* student author  
# presenting author, if not first author
1:10 pm  Section Business Meeting: Election of Officers for 2006 (N.B., in Room ?)

1:30  The Use Of Artificial Nesting Structures In Mourning Dove Nesting Research And Habitat Management.  S. Simmons* and S. E. Hayslette, Tennessee Tech University.

1:45  Feeding Activity Of Stinkpots (Sternotherus odoratus) At Reelfoot Lake, Tennessee.  B. M. Glorioso*, E. L. Young, and V. A. Cobb, Middle Tennessee State University.

2:00  Freshwater Mussels of the Hatchie River in West Tennessee.  N. Van Tol, D. Manning, D. Hubbs, and D. Kessler*, Tennessee Wildlife Resources Agency (NVT, DM, DH) and Rhodes College (DK).


2:30  Phylogenetics Of The Tennessee Cave Salamander, Gyrinophilus palleucus, Complex In Tennessee.  M. L. Niemiller* and B. T. Miller, Middle Tennessee State University.

2:45  Break

3:00  The Effects Of Storm Water And Combined Sewer Overflow On Benthic Macroinvertebrates In Urban Streams.  C. W. Emerson* and S. W. Hamilton, Center for Field Biology, Austin Peay State University.


* student author  # presenting author, if not first author
POSTERS ON DISPLAY
Ballroom Lobby, University Center

*student author  # presenting author, if not first author

BOTANY

Stomatal Density in the Exotic Shrub Lonicera maackii and the Native Shrub Symphoricarpos orbiculatus in Different Environmental Conditions.  B. Thomas* and D. Panvini, Belmont University.

Rates of Photosynthesis in Exotic Shrubs and Vines Compared to Native Shrubs and Vines of Middle Tennessee.  K. Wicks* and D. Panvini, Belmont University.


CELL AND MOLECULAR BIOLOGY

Tyrosine 244 Stabilizes the Transition State of the Peptidase Reaction of Saccharomyces cerevisiae Leukotriene A4 Hydrolase.  M. W. Thompson, C. E. Romer*, and R. L. Seipelt, Middle Tennessee State University.


DNA Fingerprinting And The Legal System – Benefits And Problems Of The Polymerase Chain- Reaction (PCR).  Alicia E. Blakley and Barbara Albers Jackson, Tennessee Technological University.

Biogeography And Divergence Dates Of Murine Rodents.  E. Chan*, The University of Memphis.

Genotoxicities Induced by Benzidine And Benzidine Analogues.  P. Makena* and King-Thom Chung#, The University of Memphis.

CHEMISTRY

To be announced.  See Addendum

ENGINEERING AND ENGINEERING TECHNOLOGY


HEALTH AND MEDICAL SCIENCES

A Study To Determine If Education And Exposure To A New Product Increases Acceptance In Peanut Allergic Families.  K.J. Krank*, L.H. Clemens, T.L. Smith#, and P.M. Stevens, The University of Memphis.
POSTERS ON DISPLAY

GEOLOGY AND GEOGRAPHY

Analysis Of Cumberland Plateau Land Use Change In Tennessee Using GIS. J. Tittle* and P. Li, Tennessee Technological University.

Caney Fork Watershed Toxic Release Inventory Analysis. Jeffery S. Hensley* and P. Li, Tennessee Technological University.

SCIENCE AND MATH TEACHING


ZOOOLOGY


A Preliminary Survey Of Amphibians And Reptiles At Big Cypress Wildlife Management Area. T. Blanchard and T. Pratt, University of Tennessee at Martin.


Food Habits Of Coyotes In Western Tennessee. C. L. Kimes*, T. M. Gabor, and M. L. Kennedy, The University of Memphis (CLK and MLK), and Park University, Parkville, Missouri (TLG).

Biodiversity Survey Of Shrews (Soricidae) In Western Tennessee. A. N. McBride*, H. L. LaMountain*, and M. L. Kennedy, The University of Memphis.

TAS Standing Committees 2005

Auditing Committee
Dr. Robert Grammer, Chair, Belmont University
Dr. Jon Lowrance, Lipscomb University
Dr. John Harris (advisory), Tennessee Technological University

Fellows Committee
Dr. Charles R. McGhee, Chair, Middle Tennessee State University
Dr. Gladius Lewis, University of Memphis
Brother Kevin Ryan, Christian Brothers College

Industry/Government Committee
Vacant, Chair
Dr. Michael Daley, University of Memphis
Dr. Wilburn A. Sliger, The University of Tennessee at Martin

Long Range Strategic Planning Committee
Dr. Michael Redding, Chair, Tennessee Technological University
Dr. Jeff Boles, Tennessee Technological University
Teresa Fulcher, Pellissippi State Community College
Karen Kendall-Fite, Columbia State Community College
Dr. Steven Murphree, Belmont University

Education Committee
Dr. Cindi Smith-Walters, Chair, Middle Tennessee State University
Dr. Michael L. Daley, University of Memphis
Dr. Robert L. Hartshorn, University of Tennessee at Martin
Dr. Linda Jordan, Tennessee Department of Education
Dr. Robert Marlowe, University of Tennessee at Chattanooga
Dr. Jack Rhoton, East Tennessee State University
Dr. Kim Cleary Sadler, Middle Tennessee State University

Membership Committee
Karen Kendall-Fite, Columbia State Community College, Chair
Dr. Gary Hall, David Lipscomb University
Dr. Jeffrey Lebkeucher, Austin Peay State University

Necrology Committee
Dr. Alexander Wells, Chair, Tennessee State University
Dr. George Murphy, Middle Tennessee State University
Dr. Wilburn A. Sliger, The University of Tennessee at Martin

Nominating Committee
Dr. J. Michael Redding, Tennessee Technological University, Chair
Dr. John Harris, Tennessee Technological University
Dr. Steven M. Wright, Middle Tennessee State University

Publicity and Research Committee
Ms. Mandy Carter-Lowe, Chair, Columbia State Community College
Dr. Jeff Boles, Tennessee Technological University
Dr. Patricia Hull, Tennessee State University
Dr. Lewis Myles, Tennessee State University
Dr. Kim Cleary Sadler, Middle Tennessee State University

Resolutions Committee
Ms. Sallie Noel, Chair, Austin Peay State University
Ms. Betty Davis, East Tennessee State University
Dr. David Pitts, University of Tennessee - Martin
2005 TAS Executive Committee

Dr. Stephen M. Wright, President
Middle Tennessee State University
Dr. John Harris, President-Elect
Tennessee Technological University
Dr. J. Michael Redding, Past-President
Tennessee Technological University
Ms. Sarah H. Swain, Secretary
Middle Tennessee State University
Dr. C. Steven Murphree, Treasurer
Belmont University
Dr. M. Gore Ervin, Managing Editor
Middle Tennessee State University
Dr. Fred Matthews, Director - Collegiate Division
Austin Peay State University
Dr. James Howard, Director - Electronic Communications
Middle Tennessee State University
Dr. Jack Rhoton, Director - Junior Academy of Science
East Tennessee State University
Dr. Michael Daley, Director - Visiting Scientist Program
The University of Memphis
Dr. Cindi Smith-Walters, Education Committee
Middle Tennessee State University
Dr. J. Michael Redding, Long Range Planning Committee
Tennessee Technological University
Ms. Mandy Carter-Lowe, Publicity and Research Committee
Columbia State Community College
Dr. Linda Jordan, Science Consultant
Tennessee Department of Education
Dr. J. Michael Redding, Annual Meeting Coordinator
Tennessee Technological University
Dr. Michael Gibson, Member-at-large, 2003-2005
The University of Tennessee at Martin
Dr. Al Hazari, Member-at-large, 2004-2006
The University of Tennessee at Knoxville
Dr. Steven Hamilton, Member-at-large, 2005-2007
Austin Peay State University

2005 Local Arrangements Committee
Dr. Wilburn A. Sliger, Chair
Dr. Michael Gibson
Dr. Wintfred L. Smith
Driving Directions from Jackson to UT-Martin

- Take the Highway 45 Bypass North (also called Keith Short Bypass).
- Follow 45 North bypass until you see an exit to Milan (to your right). This will be hwy 45E.
- Take the Milan exit and follow 45E through Milan, Greenfield and on to Martin.
- As you enter Martin, pass Westview High School on your left. Continue on Business 45 E into town.
- Turn left at the 2nd stop light onto University Street and continue westbound on University Street through the first stop light. You will turn left at the second stop light onto Mt. Pelia Road.
- See Mt. Pelia Road below.

Driving Directions from Nashville to UT-Martin

- Take I-40 west out of Nashville to the Parker Crossroads Hwy 22 exit (approximately 2 hrs driving time).
- Take Exit 108 (Parker Crossroads/Huntington exit onto Highway 22 North. This will be a right turn onto Hwy 22 north.
- Follow Highway 22 North to Martin city limits (approximately 1 hr driving time). Continue on Hwy 22 to Hwy 43 exit. Exit to the right and immediately turn left over the bypass onto 43 south.
- Travel to the first stop light and turn left onto University Street (This is also hwy 431 South). Continue on University Street to the first traffic light.
- Turn right at the first traffic light onto Mount Pelia Road.
- See Mt. Pelia Road below.

Driving Directions from Memphis to UT-Martin

- Follow I-40 East to Jackson, Tennessee (approximately 1 hour, 15 minutes driving time).
- Take Exit 80-B (Milan, Humboldt)
- You will get on Highway 45 Bypass (also called Keith Short Bypass).
- Follow this Bypass until you see an exit to Milan (Hwy 45E to your right).
- Take the Milan exit and follow 45E through Milan to Greenfield and on to Martin.
- As you enter Martin, you will see Westview High School. Keep on 45 E into town.
- Turn left at the 2nd stop light onto University Street (this is a dead end).
- Go through the first stop light. You will turn left at the second stop light onto Mt. Pelia.

Common Directions from Mt. Pelia Road and Parking

- Take Mt. Pelia to the third building on the left (Paul Meek Library). There will be parking on both sides of the street. You may park in any parking space available. Signs should be posted for TAS parking. Park in either lot (Enter the Boling University Center glass doors nearest the drop-off circle.) Boling University Center is labeled #39 on the campus map.
- Overflow parking will be available in the Hardy M. Graham Stadium parking lot. See #12 on the campus map. A shuttle will operate from this lot to the Boling University Center until 12 noon on Friday.
Insert Campus Map for UT-Martin on this page. See separate file.