

# **FIFTY-EIGHTH ANNUAL MEETING**

## **SOUTHEASTERN DIVISION ASSOCIATION OF AMERICAN GEOGRAPHERS (SEDAAG)**

# **PROGRAM**



**CHARLOTTE, NORTH CAROLINA  
NOVEMBER 23-25, 2003**

## SEDAAG EXECUTIVE COMMITTEE

President: **Ronald L. Mitchelson**, East Carolina University  
Vice President: **L. Allan James**, University of South Carolina  
Treasurer: **Susan Walcott**, Georgia State University  
Secretary: **Eric J. Fournier**, Samford University  
Councillor: **Kavita K. Pandit**, University of Georgia  
Past President: **Tyrel G. Moore**, University of North Carolina at Charlotte

## SEDAAG STEERING COMMITTEE

Members of the Executive Committee (see above)

Editors, *Southeastern Geographer*, **Derek H. Alderman** and **Scott A. Lecce**, East Carolina University

### *State Representatives:*

Alabama: **Dan Royall**, University of Alabama  
Florida: **Tony Stallins**, Florida State University  
Georgia: **Hilda Kurtz**, University of Georgia  
Kentucky: **Kate Algeo**, Western Kentucky University  
Mississippi: **Clifton (Skeeter) Dixon**, Mississippi State University  
North Carolina: **Jeffrey Patton**, Appalachian State University  
South Carolina: **Greg Carbone**, University of South Carolina  
Tennessee: **Lydia Pulsipher**, University of Tennessee  
Virginia: **Helen Ruth Aspaas**, Virginia Commonwealth University  
West Virginia: **Ray Rappold**, Marshall University

## SEDAAG 2003 LOCAL ARRANGEMENTS COMMITTEE

**Owen J. Furuseth** and **Tyrel G. Moore** (co-Chairs), University North Carolina Charlotte  
**Ann Angleheart**, **Harrison Campbell**, **Ken Chilton**, **Laurie Garo**, **Bill Graves**, **Jerry Ingalls**, **Dennis Lord**, **Walter Martin**, **Darla Munroe**, **Tracy Newsome**, **Dennis Rash**, **Heather Smith**, **Paul Smith**, **Jamie Strickland**, and **Wei-Ning Xiang**.

Special thanks to the Zeta Omega GTU Chapter

## SEDAAG 2003 PROGRAM COMMITTEE

**Allan James**, Chair, Univ. South Carolina  
**Derek Alderman**, East Carolina University  
**Lary Dilsaver**, Univ. South Alabama  
**Clifton (Skeeter) Dixon**, U. So. Miss.  
**Douglas Gamble**, UNC Wilmington  
**Joanne Halls**, UNC Wilmington  
**Bob Janiskee**, Univ. South Carolina  
**Mary Kimsey**, James Madison Univ.  
**Paul Knapp**, Georgia State Univ.  
**Jonathan Leib**, Florida State Univ.

**Clara Leuthart**, Univ. Louisville  
**Mark Long**, College of Charleston  
**Cary Mock**, Univ. South Carolina  
**Timothy Warner**, Univ. West Virginia  
**Thad Wasklewicz**, Univ. Memphis  
**Zhi-Yong Yin**, Georgia State Univ.

Special Thanks to **Sandy Bederman**, **Susan Cutter**, **David Cowen**, **Carl Dahlman**, **Robert Lloyd**, and **Lisle Mitchell** (USC).

# OFFICERS, ASSOCIATION OF AMERICAN GEOGRAPHERS

President: **Alexander B. Murphy**, University of Oregon  
 Vice President: **Victoria A. Lawson**, University of Washington  
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 Executive Director: **Douglas Richardson**, AAG Headquarters

## SEDAAG HONORS COMMITTEE

**Holly Hapke**, Chair, East Carolina University  
**Lizbeth Pyle** (chair elect), West Virginia University  
**Carl Dahlman**, University South Carolina  
**Heather Smith**, University North Carolina - Charlotte  
**John Rodgers**, Mississippi State University

## PROGRAM AT A GLANCE

<u>Event/Time</u>	<u>Description</u>	<u>Location</u>
<b>DAY 1</b>	<b>SUNDAY</b>	<b>NOVEMBER 23, 2003</b>
<b>Registration</b>		
8:00 am – 6:00 pm	SEDAAG Registration.....	Convention Registration Desk
	Exhibits.....	Pre-Function Area
<b>Field Trip</b>		
10:00 a.m. – 1:00 p.m.	A Walk through Charlotte’s Revitalizing Center City Led by Heather Smith and Bill Graves (free) .....	Meet in lobby
<b>Business Meetings</b>		
8:00 am – noon	Executive Committee.....	Salon H
1:00 pm – 5:00 pm	Steering Committee.....	Salon H
<b>World Geography Bowl (WGB)</b>		
12:00 am – 1:30 pm	WGB Team Registration.....	Salon C
1:30 pm – 5:30 pm	WGB Round Robins.....	Salons A,C,F Eastover, Myers Park
5:30 pm – 6:30 pm	Announcement of Winning Teams and Formation of All-Star Team.....	Salon C
<b>Opening Session</b>		
8:00 pm – 9:15 pm.....		Salons D and E
	<i>Call to Order, Welcome, &amp; Opening Address</i>	
	<b>Ronald Mitchelson</b> , East Carolina University, President, SEDAAG	
	<i>Welcome to Charlotte</i>	
	<b>James H. Woodward</b> , Chancellor, University North Carolina Charlotte	
	<i>Introduction</i> by <b>Owen J. Furuseth</b> , UNC Charlotte, Co-Chair, Local Arrangements	
	<i>Opening Address</i>	
	<b>Dennis Rash</b> , Executive in Residence, Center for Transportation Studies, UNC - Charlotte	
	<i>"The Improbable Success:" Redevelopment of Downtown Charlotte... With a Corporate Twist</i>	
	<i>Introduction</i> by <b>Tyrel G. Moore</b> , UNC - Charlotte, Co-Chair, Local Arrangements	
<b>Cash Bar</b>		
9:15 pm – 11:00 pm	Reception.....	Pre-Function Area

**DAY 2 MONDAY NOVEMBER 24, 2003**

**Registration**

8:00 am – 3:00 pm SEDAAG Registration..... Convention Registration Desk

**Exhibits**

8:00 am – 5:00 pm Vendors..... Pre-Function Area  
 8:00 am – 5:00 pm Departments..... Pre-Function Area

**Paper Sessions**

8:00 am – 10:00 am Session 1: *SEDAAG Honors Competition I* Salon F  
 8:00 am – 10:00 am Session 2: *New Voices in the Southeast, I* Salon A  
 8:00 am – 10:00 am Session 3: *The Role of the South, I* Salon C  
 8:00 am – 10:00 am Session 4: *Urban-Economic Geography* Salon H  
 8:00 am – 10:00 am Session 5: *Biogeography* Myers Park  
 8:00 am – 10:00 am Session 6: *Global Socio-Economic Questions* Eastover

10:15 am – 12:15 pm Session 7: *SEDAAG Honors Competition II* Salon F  
 10:15 am – 12:15 pm Session 8: *New Voices in the Southeast, II* Salon A  
 10:15 am – 12:15 pm Session 9: *The Role of the South, II* Salon C  
 10:15 am – 12:15 pm Session 10: *Recreation and Tourism* Salon H  
 10:15 am – 12:15 pm Session 11: *Forest Vegetation in the Southeastern U.S.* Myers Park  
 10:15 am – 12:15 pm Session 12: *Climatology* Eastover  
 10:15 am – 12:15 pm Session 13: *Poster Presentations, I: Human Geography* Salon E

1:15 pm – 3:15 pm Session 14: *Water, Soils, and Geomorphology* Eastover  
 1:15 pm – 3:15 pm Session 15: *Southern Studies* Salon C  
 1:15 pm – 3:15 pm Session 16: *Remote Sensing* Myers Park  
 1:15 pm – 3:15 pm Session 17: *Urban Travel and Commuting in Southern Cities* Salon H  
 1:15 pm – 3:15 pm Session 18: *Migration & Population Change in the U.S.* Salon F  
 1:15 pm – 3:15 pm Session 19: *New Voices in the Southeast, III* Salon A  
 1:15 pm – 3:15 pm Session 20: *Poster Presentations II, Physical Geog. & GI Sci.* Salon E

3:30 pm – 5:30 pm Session 21: *Cultural Geography of the South* Salon C  
 3:30 pm – 5:30 pm Session 22: *Gender, Justice, and Social Theory* Salon A  
 3:30 pm – 5:30 pm Session 23: *Spatial Modeling and Cognition* Eastover  
 3:30 pm – 5:30 pm Session 24: *If it could be said in words... no need for art* Salon F  
 3:30 pm – 5:30 pm Session 25: *Gamma Theta Upsilon, I: Undergraduate Papers* Salon H  
 3:30 pm – 5:30 pm Session 26: *Panel: Southeastern Geographer* Elizabeth  
 3:30 pm – 5:30 pm Session 27: *Panel: Remote Sensing and Geographic Studies* Myers Park

**Poster Sessions (See Sessions 13 and 20)**

10:15 am – 12:15 pm *Poster Session I: Human Geography*  
 Authors will be present from 11:00 to 12:15 Salon E  
 1:15 pm – 3:15 pm *Poster Session II: Physical Geography and GeoInformation Science*  
 Authors will be present from 2:00 to 3:15 Salon E

**World Geography Bowl**

5:45 pm – 7:15 pm WGB Championship Event..... Salons D and E

**North Carolina Geographical Society**

7:30 - 8:30 pm Reception ..... Pre-Function Area

## DAY 3

## TUESDAY

## NOVEMBER 25, 2003

### Paper Sessions

8:00 am – 10:00 am	Session 28: <i>Latin American Cultures and Economies</i>	Myers Park
8:00 am – 10:00 am	Session 29: <i>Political Regions</i>	Salon F
8:00 am – 10:00 am	Session 30: <i>Social Issues and Resources</i>	Salon A
8:00 am – 10:00 am	Session 31: <i>Hazards</i>	Salon C
8:00 am – 10:00 am	Session 32: <i>Climatology in the Southeastern U.S.</i>	Eastover
8:00 am – 10:00 am	Session 33: <i>Gamma Theta Upsilon, II: Undergraduate papers</i>	Salon H

### Business Meeting

10:15 am – 12:15 pm.....	Salon D
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**Ronald Mitchelson**, Presiding  
President, SEDAAG, East Carolina University

### Honors Luncheon and Address

12:15 pm – 1:45 pm.....	Salon E
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**Holly Hapke**, Presiding  
Chair, Honors Committee, East Carolina University

#### Honors Address

Alexander B. Murphy, President, AAG; University of Oregon  
"Coping With a Fast-Changing World: Why We Need Political Geography"

### Adjournment

# 2003 SEDAAG WORLD GEOGRAPHY BOWL

## SUNDAY, NOVEMBER 23, 2003

12:00 am – 1:30 pm	WGB Team Registration.....	Salon B
1:30 pm – 5:30 pm	WGB Round Robins.....	Salons A,C,F, Eastover, Myers Park
5:30 pm – 6:00 pm	Announcement of WGB Winning Teams and Formation of the WGB All-Star Team.....	Salon C

**Event Organizers :** WGB Committee chaired by **Laurence W. Carstensen**, Virginia Tech

#### Moderators:

**Richard Deal**, Western Kentucky Univ.  
**Howard Johnson**, Jacksonville State Univ.

**Dennis Edgell**, Univ. North Carolina – Pembroke  
**Baker Perry**, Appalachian State Univ.

#### Judges:

**Tom Bell** - University of Tennessee  
**Arlene Hill** – University of Memphis  
**Rick Sambrook**, Eastern Kentucky Univ.

**Peggy Gripshover** – University of Tennessee  
**Elizabeth Leppman** – St. Cloud State University

#### Scorekeepers:

**Sarah Buss** – Appalachian State Univ.  
**Sara Beth Keough** – Univ. of Tennessee

**Stephanie Harmon** – Appalachian State Univ.  
**Don Yow** - Eastern Kentucky University

**Official Scorekeeper:** **James E. Young**, Appalachian State University

# 2003 SEDAAG WORLD GEOGRAPHY BOWL (CONTINUED)

**World Geography Bowl Committee:**

<b>Laurence W. Carstensen</b> , Chair, Virginia Tech	<b>Neal Lineback</b> , Appalachian State Univ.
<b>Thomas Bell</b> , University of Tennessee	<b>Dorothy Mason</b> , Independent Scholar
<b>Richard Deal</b> , Western Kentucky Univ.	<b>Jeff Neff</b> , Western Carolina University
<b>Thomas Deaton</b> , Dalton State College	<b>Darren Purcell</b> , Independent Scholar
<b>Dennis Edgell</b> , UNC - Pembroke	<b>Richard A. Sambrook</b> , Eastern Kentucky Univ.
<b>Kelly Gregg</b> , Jacksonville State Univ.	<b>Garrett Smith</b> , Kennesaw State University
<b>Margaret Gripshover</b> , Univ. of Tennessee	<b>Harry Trendell</b> , Kennesaw State University
<b>Howard Johnson</b> , Jacksonville St. Univ.	<b>William Welch</b> , UNC-Greensboro
<b>Arle ne Hill</b> , University of Memphis	<b>Don Yow</b> , Eastern Kentucky University
<b>Elizabeth Leppman</b> , St. Cloud St. Univ.	

## Participating Teams and State WGB Coordinators:

Alabama:	<b>Joe Weber</b> , University of Alabama
Florida:	<b>Tony Stallins</b> , Florida State University
Georgia:	<b>Vernon Meentemeyer</b> , University of Georgia
Kentucky:	<b>Taro Futamura</b> , University of Kentucky
Mississippi:	<b>John Rodgers</b> , University of Southern Mississippi
North Carolina:	<b>Jay Lennartson</b> , University of North Carolina-Greensboro
South Carolina:	<b>Christa Smith</b> , Clemson University
Tennessee:	<b>Douglas Heffington</b> , Middle Tennessee State University
Virginia:	<b>Joseph Nicholas</b> , Mary Washington College
West Virginia:	<b>Jan Westerik</b> , Concord College
MAD Guest Team:	<b>Marie Price</b> , George Washington University

## MONDAY, NOVEMBER 24, 2003

5:45 pm – 7:15 pm WGB Championship Event..... Salons D and E

### CHAMPIONSHIP ROUND

**World Geography Bowl Chair:** Laurence W. Carstensen, Virginia Tech

**Moderator:** Laurence W. Carstensen, Virginia Tech

#### Judges:

<b>Thomas Deaton</b> , Chief Judge, Dalton State Coll.	<b>Dorothy Mason</b> , Independent Scholar
<b>Neal Lineback</b> , Appalachian State Univ.	<b>Harry Trendell</b> , Kennesaw State Univ.

**Warm-up Round (Monday): Student All-Stars vs. Professional Dream Team**

**Student All-Star Team:** Members from Six Preliminary Round Non-Finalist Teams

#### Professional Dream Team:

**Alec Murphy**, University of Oregon, President -AAG  
**Douglas Richardson**, Executive Director, Association of American Geographers  
**Kavita Pandit**, Univ. Georgia, SEDAAG Regional Councilor, Assn. American Geographers  
**Allan James**, University of South Carolina, SEDAAG Vice President  
**Ron Mitchelson**, East Carolina University, SEDAAG President  
**Derek Alderman**, East Carolina University, Co-Editor *Southeastern Geographer*

#### Southeast Regional Championship Round:

Top two state teams from the Southeast Division compete in a single Championship Round; winner takes all. Trophies are awarded to the winning team and to the Most Valuable Player.

# PAPER & POSTER SESSIONS

MONDAY, NOVEMBER 24, 2003

## Monday Period 1

**Session Number 1 – SEDAAG Honors Competition I**  
**Monday 8:00 am – 10:00 am – Salon F**

Organizer and Chair: **Holly Hapke**, East Carolina University

**David Havlick** (PhD), University of North Carolina-Chapel Hill  
*Discursive Realities: The creation of North Carolina's Research Triangle Park*

**Qingfang Wang** (PhD), University of Georgia  
*The Segmentation of Asians in the U.S. labor Market: A Disaggregated Study*

**Ryan B. Hanson** (MA), University of Memphis  
*Analysis and Development of Memphis' Postmodern Riverfront*

**Robert K. McNally** (MA), University of North Carolina - Charlotte  
*Population Projections and the Effect on Emergency Services*

**Libby Brown** (MA) University of North Carolina-Greensboro  
*The Geography of Republicans in North Carolina: Voter Registration and Income*

**Session Number 2 – New Voices in the Southeast, I**  
**Monday 8:00 am – 10:00 am – Salon A**

Organizers: **L. Allan James**, University South Carolina, and  
**Kavita K. Pandit**, University of Georgia

Chair: **Hilda E. Kurtz**, University of Georgia

**Mabaye Dia**, Winthrop College, South Carolina  
*Banff National Park (Canada) Versus Diawling National Park (Mauritania) and Vice Versa: Toward a better Understanding of Man/Nature Relationships in National Parks*  
Discussant: **Seth Appiah-Opoku**, University of Alabama

**Seth Appiah-Opoku**, University of Alabama  
*Rethinking Ecotourism: The Impact of Kakum National Park in Ghana*  
Discussant: **Edward Carr**, University of South Carolina

**Brent McCusker**, University of West Virginia  
*The Impact of Membership in Communal Property Associations on Livelihoods in the Limpopo Province, South Africa*  
Discussant: **Gordon Bennett**, University of North Carolina-Greensboro

**Edward Carr**, University of South Carolina  
*Foucault, Food and Livelihood Security: Reenvisioning Development as Critical Intervention*  
Discussant: **Hilda Kurtz**, University of Georgia

**Session Number 3 – *The Role of the South, I***  
**Monday 8:00 am – 10:00 am – Salon C**

Organizers: **James O. Wheeler** and **Stanley D. Brunn**, Universities of Georgia and Kentucky  
Chair: **Stanley D. Brunn**, University of Kentucky

**P.P. Karan**, University of Kentucky

*South and the Development of Field Methods in American Geography*

Discussant: **Dorothy Mason**, Independent Scholar

**Sanford H. Bederman**, Georgia State University

*Leroy lettering sets, rotary calculators, purple prose, and unfriendly deans: Teaching geography in the Middle Ages*

Discussant: **Vern Meentemeyer**, University of Georgia

**James O. Wheeler**, University of Georgia

*James A. Barnes, University of Georgia, 1951-1977: America's First Quantitative Geographer*

Discussant: **Charles S. Aiken**, University of Tennessee

**Eric J. Fournier**, Samford University

*Edward Ullman, the Port of Mobile, and the Birth of Modern Economic Geography*

Discussant: **Susan Brooker-Gross**, Virginia Tech

**Session Number 4 –Urban-Economic Geography**  
**Monday 8:00 am – 10:00 am – Salon H**

Chair: **J. Dennis Lord**, University of North Carolina – Charlotte

**Berry Farrington**, University of North Carolina - Charlotte

*Gentrification and the Commercial Landscape*

Discussant: **Fred Shelley**, Southwest Texas State University

**J. Dennis Lord**, University of North Carolina - Charlotte

*Wal-Mart supercenter market share of grocery retailing in U.S. metropolitan areas*

Discussant: **David J. Cowen**, University of South Carolina

**Jonathan Lepofsky**, University of North Carolina – Chapel Hill

*Scaling community: Reconfiguring Durham's central city*

Discussant: **Kenneth M. Chilton**, University of North Carolina – Charlotte

**Kenneth M. Chilton**, University of North Carolina - Charlotte

*Patterns of Middle- and Upper-Income African American Suburbanization: A Case Study of Charlotte*

Discussant: **Bobby M. Wilson**, University of Alabama

**William Graves** and **Heather Smith**, University of North Carolina - Charlotte

*From Mills to Multinationals: The Reconfiguration of a Southern Company Town*

Discussant: **David J. Cowen**, University of South Carolina



**Session Number 5 – Biogeography**  
**Monday 8:00 am – 10:00 pm – Myers Park**

Chair: **Paul A. Knapp**, Georgia State University

**Aaron Moody**, University of North Carolina – Chapel Hill

*Orographic, Topographic, and Disturbance Controls on the Distribution of Spruce-Fir Forest in the Great Smoky Mountains National Park*

Discussant: **Gabrielle Katz**, Appalachian State University

**Kenneth H. Orvis** and **Chad S. Lane**, University of Tennessee

*A New Controlled Method for Making Reference Charcoal in the Laboratory*

Discussant: TBA

**Carl A. Reese**, **Kam-biu Liu**, and **Keith R. Mountain**, So. Miss., LSU, and U. Louisville

*Pollen Dispersal and Deposition on the Ice Cap of Volcan Parinacota, southwestern Bolivia*

Discussant: **Pat Pease**, East Carolina University

**Peter T. Soulé** and **Paul A. Knapp**, Appalachian State and Georgia State Universities

*Changing Atmospheric Composition and Radial Growth Rate Enhancement of Ponderosa Pine*

Discussant: **Charles Lafon**, Texas A&M University

**Jingfeng Xiao** and **Aaron Moody**, University of North Carolina – Chapel Hill

*Photosynthetic activity of U.S. biomes: Responses to the spatial variability and seasonality of precipitation and temperature*

Discussant: **Peter T. Soulé**, Appalachian State University

**Session Number 6 – Global Socio-Economic Questions**  
**Monday 8:00 am – 10:00 pm – Eastover**

Chair: **Stephen S. Birdsall**, University of North Carolina – Chapel Hill

**Richard A. Sambrook**, Eastern Kentucky University

*In Support of Study Abroad: A Review of Geography's Role in the Kentucky Institute for International Studies (KIIS).*

Discussant: **Stephen S. Birdsall**, University of North Carolina – Chapel Hill

**Stephen S. Birdsall**, University of North Carolina – Chapel Hill

*Forging Student Connections Across Scales: Linking Oneself to the World's Complexity*

Discussant: **Neal Lineback**, Appalachian State University

**John R. Grimes**, Louisiana State University

*Tale of Two Deltas: Catfish Fillets, High Value Foods, and Globalization*

Discussant: **Barney Warf**, Florida State University

**Janice Hardin**, University of West Virginia

*The Rescaling of the Innu*

Discussant: **Victoria Berry**, Winston-Salem State University

**Brie Frey**, University of West Virginia

*Gender and Poverty Alleviation in Rural South Africa: A Case Study in an Integrated Waste Management Project*

Discussant: **Helen Ruth Aspaas**, Virginia Commonwealth University

## Monday, Period 2

### Session Number 7 – *SEDAAG Honors Competition, II* Monday 10:15 am – 12:15 pm – Salon F

Organizer: **Holly Hapke**, East Carolina University

Chair: **Besty Pyle**, University of West Virginia

**Penelope G. Karagounis** (MA), University of North Carolina-Charlotte

*Ellis Island Detour: A Case Study of Hispanic Immigrants in Charlotte, North Carolina*

**Katherine Hankins** (PhD), University of Georgia

*Fracturing the Neighborhood: Class, Race, and a Charter School*

**Keith Bosak** (PhD), University of Georgia

*Conservation as Environmental Racism? The Case of the Nanda Devi Biosphere Reserve*

**R. Carlisle Haworth** (MA), University of North Carolina-Greensboro

*Trapped in a World Wide Web: Corruption's Effect on Internet Access by Country, 2001*

**W. Jefferson West II** (MA), University of Kentucky

*Turkey's Changing Dimensions of Conflict: A Geographical Analysis of the 1999 National Elections*

### Session Number 8 – *New Voices in the Southeast, II* Monday 10:15 am – 12:15 am – Salon A

Organizers: **L. Allan James**, University of South Carolina, and

**Kavita K. Pandit**, University of Georgia

Chair: **Kavita K. Pandit**, University of Georgia

**Darla K. Munroe**, University of North Carolina - Charlotte

*Coffee in space: The spatial distribution of coffee farms in La Campa, Western Honduras*

Discussant: **Brent McCasker**, University of West Virginia

**James Leonard**, Marshall University

*The Geography of Church Attendance*

Discussant: **Kevin Raleigh**, University of South Carolina

**Rebecca Torres** and **Janet Momsen**, East Carolina University

*Placing Tourism & Agriculture Linkages on the Pro-Poor Tourism Agenda*

Discussant: **Owen J. Furuseth**, University of North Carolina - Charlotte

**Session Number 9 – *The Role of the South, II***  
**Monday 10:15 am – 12:15 am – Salon C**

Organizers: **James O. Wheeler** and **Stanley D. Brunn**, Universities of Georgia and Kentucky  
Chair: **James O. Wheeler**, University of Georgia

**Susan M. Walcott** and **Truman A. Hartshorn**, Georgia State University  
*The Urban South, Post-1960: Through Geographers' Eyes*  
Discussant: **Heather Smith**, University of North Carolina - Charlotte

**Jesse O. McKee** and **Bobby M. Wilson**, University of Southern Mississippi and University of Alabama  
*Geography in Historically Black Colleges/universities in the Southeast*  
Discussant: **Derek Alderman**, East Carolina University

**Kent Mathewson**, Louisiana State University  
*More than Honorable Mention: Carl Sauer and the American South*  
Discussant: **Dawn Bowen**, Mary Washington College

**Stanley D. Brunn**, University of Kentucky  
*The Midwesternization of Southern Geography Departments*  
Discussant: **J. Dennis Lord**, University of North Carolina - Charlotte

**Session Number 10 –*Recreation and Tourism***  
**Monday 10:15 am – 12:15 am – Salon H**

Chair: **Keith Debbage**, University of North Carolina - Greensboro

**Lisle S. Mitchell** and **Jeffrey Vincent**, University of South Carolina  
*Student Recreation Activity Space: University of South Carolina*  
Discussant: **Keith Debbage**, University of North Carolina – Greensboro

**Katie Algeo**, Western Kentucky University  
*Tourism Development and Mammoth Cave National Park*  
Discussant: **William Graves**, University of North Carolina - Charlotte

**Keith Debbage**, University of North Carolina - Greensboro  
*Towards a More Critical Economic Geography of Tourism: 'The Cultural Turn'?*  
Discussant: **Bradley A. Shellito**, Old Dominion University

**Jack G. Dale**, University of North Carolina - Greensboro  
*'Tourism as Panacea': International Tourist Arrivals and Their Impact on GDP Per Capita in the Americas*  
Discussant: **Lisle S. Mitchell**, University of South Carolina

**Session Number 11 – Forest Vegetation in the Southeastern United States**  
**Monday 10:15 am – 12:15 am – Myers Park**

Organizer and Chair: **David Shankman**, University of Alabama

**Roger W. Brown** and **Philip A. Townsend**, Carthage College & University of Maryland

*Changes in southeastern floodplain forests: a comparison of current vegetation to pre-settlement vegetation via pollen analysis*

Discussant: **Kenneth H. Orvis**, University of Tennessee

**Justin L. Hart**, University of Alabama

*Eastern Hemlock Regeneration at its Southern Boundary*

Discussant: **Joe Nicholas**, Mary Washington College

**Charles Lafon** and **Martin Kutac**, Texas A&M University

*Dynamics of Table Mountain pine stands in Southwest Virginia*

Discussant: **Henri Grissino-Mayer**, University of Tennessee

**David Shankman**, **Justin L. Hart**, and **Sara G. Hart**, University of Alabama

*Spread of Alien Species and Forest Decline in the Southeastern U.S.*

Discussant: **Paul A. Knapp**, Georgia State University

**Tony Stallins** and **Jennifer Griggs**, Florida State University

*Influence of historic silviculture on the composition of ravine forests along the Apalachicola River, Florida*

Discussant: **David Shankman**, University of Alabama

**Session Number 12 – Climatology**  
**Monday 10:15 am – 12:15 am – Eastover**

Chair: **P. Daniel Royall**, University of North Carolina – Greensboro

**Laurence Band**, University of North Carolina – Chapel Hill

*Spatial modeling of drought vulnerability in the Catawba River Basin*

Discussant: **Gregory J. Carbone**, University of South Carolina

**Jeremy E. Diem**, Georgia State University

*A Critical Review of Ozone-Mapping Research*

Discussant: **Helen C. Power**, University of South Carolina

**Helen C. Power** and **Scott C. Sheridan**, University of South Carolina and Kent State University

*A climatic analysis of aerosol variability over North America*

Discussant: **Charles E. Konrad**, University of North Carolina – Chapel Hill

**Session Number 13 – Poster Session, I: Human Geography**  
**Monday 10:15 am – 12:15 am – Salon E**

**Michael R. Briggs**, Western Kentucky University, *Roadside Memorial Practices: An Examination of a Landscape of Commemoration in Warren County, Kentucky.*

**Sharon C. Cobb, Jillian Bauer, Timothy Cheney, and Jeffrey A. Will**, University of North Florida, *Allocation Modeling for the Financial Services Industry.*

**Glenn W Gentry**, East Carolina University, *Walking with the Dead: Ghost Walk Tours in Savannah, Georgia.*

**Mark Graham**, Western Kentucky University, *An Empirical Test of Structuration Theory: Transportation Preferences in Bowling Green, Kentucky and Penzance England*

**Justin Gross**, East Carolina University, *Renaissance Festivals as Heritage Tourism: A Case Study in North Carolina*

**Claire Jamieson**, University of Tennessee, *Textiles in Transition*

**Chris McPhilamy**, East Carolina University, *The Effect of Travel Patterns on Geographic Literacy: Using the World Wide Web to Survey U.S. College Students.*

**John C. Rodgers, III, and William H. Cooke**, Mississippi State University, *The Geography of Tennis in Mississippi.*

**L. Jesse Rouse, Susan Bergeron, and Trevor Harris**, University of West Virginia, *'How do we get there from here?': Exploring location-based services as an undergraduate research experience*

**Kyle J. Thieman**, UNC - Charlotte, *Modeling A Bioterrorism Event In Charlotte, North Carolina*

**Roberta Williams and Jeffrey C. Patton**, UNC - Greensboro, *Panoramic Maps: Illuminating the Nineteenth Century Railroad Town.*

**Monday, Period 3**

**Session Number 14 – Water, Soils, and Geomorphology**  
**Monday 1:15 pm – 3:15 pm – Eastover**

Chair: **Lawrence Band**, University of North Carolina – Chapel Hill

**Jonathan D. Phillips and Daniel A. Marion**, University of Kentucky and Southern Research Station, USDA Forest Service, Hot Springs, Arkansas

*The SRPIT Model: Self-Reinforcing Pedologic Influences of Trees*

Discussant: **Lawrence Band**, University of North Carolina – Chapel Hill

**Viva Nordberg**, University of Kentucky

*Where are the systems in Southeastern geomorphology? A review of Southeastern Geographer, 1980-2002*

Discussant: **P. Daniel Royall**, University of North Carolina - Greensboro

**Laura J. Stroup**, University of South Carolina

*The Everglades Adaptive Management Workshop One*

Discussant: **Scott A. Lecce**, East Carolina University

**Thomas F. Howard**, Armstrong Atlantic State University

*Windmills On Windrock Mountain: How Green Is TVA?*

Discussant: **John C. Rogers**, Mississippi State University

**Session Number 15 – Southern Studies**  
**Monday 1:15 pm – 3:15 pm – Salon C**

Chair: **Tyrel G. Moore**, University of North Carolina – Charlotte

**Thomas L. Bell**, University of Tennessee

*What's in a (Nick)Name?: Images Portrayed in the Slogans of Selected Southeastern Cities and Towns*

Discussant: **Charles F. Kovacik**, University of South Carolina

**Jonathan Leib** and **Gerald Webster**, Florida State University and University of Alabama

*Black, White or Green?: The Confederate Battle Emblem and the 2001 Mississippi State Flag Referendum*

Discussant: **Tyrel G. Moore**, University of North Carolina – Charlotte

**Derek H. Alderman**, East Carolina University

*Metaphors to Grow By: Channing Cope and the Promotion of Kudzu Cultivation in the Early 20th Century*

Discussant: **Thomas L. Bell**, University of Tennessee

**Charles S. Aiken**, University of Tennessee

*"Grant Burned Oxford": Myth and Fact of the Civil War in Northwest Mississippi*

Discussant: **Tyrel G. Moore**, University of North Carolina – Charlotte

**John Fraser Hart**, University of Minnesota

*Mus' be Sump'n in the Water*

Discussant: **Tyrel G. Moore**, University of North Carolina – Charlotte

**Session Number 16 – Remote Sensing**  
**Monday 1:15 pm – 3:15 pm – Myers Park**

Chair: **Chor Pang Lo**, University of Georgia

**Karen J. Jordan** and **Luoheng Han**, University of Alabama

*Investigating the Use of Band Ratios in Estimating Chlorophyll Concentration in Pensacola Bay, Florida*

Discussant: **Timothy Warner** and **Tomas Brandtberg**, University of West Virginia

**Fugui Wang**, **Luoheng Han**, and **Hsiang-te Kung**, Universities of Memphis, Alabama, and Memphis  
*Relationship between Spectral Reflectance and Water Quality in Reelfoot Lake, TN*

Discussant: **Stephen J. Walsh**, University of North Carolina – Chapel Hill

**Chor Pang Lo**, University of Georgia

*Identifying Employment Centers in Atlanta Using Satellite Remote Sensing*

Discussant: **Luoheng Han**, University of Alabama

**Christopher Schaney**, University of West Virginia

*The History of Presque Isle and the City of Erie, Pennsylvania: A Remote Sensing Case Study*

Discussant: **Michael Hodgson**, University of South Carolina

**Timothy Warner** and **Tomas Brandtberg**, University of West Virginia

*Mapping individual trees with Lidar*

Discussant: **Chor Pang Lo**, University of Georgia

**Session Number 17 – *Urban Travel and Commuting in Southern Cities***  
**Monday 1:15 pm – 3:15 pm – Salon H**

Organizer and Chair: **Joe Weber**, University of Alabama

**Andy McCall**, University of Alabama

*A Geographical Analysis of Attendance at Amusement Parks in the Southeastern United States*

Discussant: **James O. Wheeler**, University of Georgia

**Selima Sultana** and **Philip L. Chaney**, Auburn University

*Urban Sprawl and Commuting: Measuring the Relationships between the Home and Workplace in a Small Metropolitan Area.*

Discussant: **James O. Wheeler**, University of Georgia

**Joe Weber** and **Isabelle Maret**, University of Alabama and Texas Southern University

*Urban Sprawl and Access to Public Transportation*

Discussant: **James O. Wheeler**, University of Georgia

**Session Number 18 – *Moving In, Moving On, Moving Out:***  
***Migration and Population Change in the United States***  
**Monday 1:15 pm – 3:15 pm – Salon F**

Organizers: **Jamie L. Strickland** and **Holly Barcus**, University of North Carolina - Charlotte and  
Morehead State University

Chair: **Jamie L. Strickland**, University of North Carolina – Charlotte

Discussant: **Kavita K. Pandit**, University of Georgia

**Holly Barcus**, University of North Carolina - Charlotte

*Intergenerational Mobility and Attachment to Place in Eastern Kentucky*

**Jamie L. Strickland**, University of North Carolina – Charlotte

*'Old Folks at Home'?: Disentangling the Components of Population Aging in Appalachia*

**Jason Holcomb**, Moorehead State University

*Imported Wheaties: Great Plains custom harvesters look to the world for labor*

**David J. Cowen**, University of South Carolina

*The Impact of School District Quality on Participation Rates*

**Session Number 19 – *New Voices in the Southeast, III***

**Monday 1:15 pm – 3:15 pm – Salon A**

Organizers: **L. Allan James**, University of South Carolina, and  
**Kavita K. Pandit**, University of Georgia

Chair: **L. Allan James**, University of South Carolina

**Jane Southworth, Darla Munroe, and Catherine Tucker**, University of Florida, University of North Carolina - Charlotte, and University of North Carolina - Charlotte

*Forest fragmentation and degradation in a protected area: Celaque National Park, Western Honduras*

Discussant: **Joby Bass**, University of Southern Mississippi

**James W. Wilson**, James Madison University

*Forest clearance and re-growth in the North River watershed of the Shenandoah Valley: Preliminary Results*

Discussant: **Jerry A. Griffith**, University of Southern Mississippi

**Donald M. Yow**, Eastern Kentucky University

*Urban Influences on Degree-Day Totals*

Discussant: **Walter Martin**, University of North Carolina - Charlotte

**Alice V. Turkington**, University of Kentucky

*Preliminary observations on debris weathering on arid zone alluvial fans surfaces*

Discussant: **L. Allan James**, University of South Carolina

**Christine McMichael and Allen Hope**, Morehead State University and San Diego State University

*Distributed hydrological modeling in semi-arid shrublands: MIKE SHE model calibration and uncertainty estimation*

Discussant: **Michael Mayfield**, Appalachian State University

**Session Number 20 – *Poster Presentations II***

**Physical Geography and GeoInformation Science**

**Monday 1:15 pm – 3:15 pm – Salon E**

**Elizabeth A. Atchley and Henri D. Grissino-Mayer**, University of Tennessee, *Possible effects of habitat alterations on growth and vitality of *Torreya taxifolia* Arnott. in northern Florida.*

**Susan J. Bergeron, Trevor M. Harris, and L. Jesse Rouse**, West Virginia University, *Internet-based GIS as a tool in prehistorical cultural landscape analysis: the Marietta Mounds Internet GIS.*

**M. A. Boulton and Carol P. Harden**, University of Tennessee. *Preliminary results from a study of geomorphic adjustment in Richland Creek, a tributary of the Hatchie River, west Tennessee.*

**Scott Curtis**, East Carolina University, *The Climate of the Tropical Indian Ocean and the Development of El Nino.*

**Vanhvilai Lisa Douangchai and Zhi-Yong Yin**, Georgia State University, *The Urban Heat Island Effect: A Case Study of the Ten-County Atlanta Metropolitan Statistical Areas Using Landsat Images.*

**Douglas Gamble**, University of North Carolina - Wilmington. *Storm Types on San Salvador, Bahamas: Answer to a Problem Climate?*

**Jerry A. Griffith**, University of Southern Mississippi, *Land Cover Change Analyses in the Northern Piedmont Ecoregion.*



**Henri D. Grissino-Mayer, Steve Croy, Christopher Gentry, John Hiatt, Ben Osborne, Amanda Stan, and Georgina DeWeese Wight**, University of Tennessee, *Fire History of Western Montana Forested Landscapes via Tree-Ring Analyses*.

**Joanne N. Halls**, University of North Carolina - Wilmington, *A Cartographic Modeling Assessment of Hurricane Impact and Population Change from 1950 to 1999 on the Atlantic and Gulf Coasts of the United States*.

**Daniel B. Lewis, Henri D. Grissino-Mayer, Kenneth H. Orvis, and Sally P. Horn**, University of Tennessee, *Assessing the Dendrochronological Potential of Pinus caribaea Morelet on Abaco Island, the Bahamas*.

**Zhi-Jun Liu, Donald E. Weller, Thomas E. Jordan, David L. Correll**, University of North Carolina - Greensboro. *A Stream Network Model for Integrated Watershed Modeling*.

**Doug R. Oetter**, Georgia College and State University, *An Improved Method for Mapping Floodplain Forests*.

**Patrick Pease**, East Carolina University. *Nitrogen and Phosphorus Flux Associated with Aeolian Dust from an Agricultural Field on the North Carolina Coastal Plain*.

**Heather Volker and Thad Wasklewicz**, University of Memphis. *GIS assessment of ALSM and Debris Flow Alluvial Fan Variability*.

**Georgina DeWeese Wight and Henri D. Grissino-Mayer**, University of Tennessee, *Dendroarchaeological Analysis of an Antebellum House, Atlanta, Georgia, USA*.

**Xiaojun Yang and Zhi Liu**, Florida State University, *Establishing an Environmental Information System For Integrated Estuarine Ecosystem Assessment*.

## **Monday Period 4 - 3:30-5:30**

### **Session Number 21 – Cultural Geography of the South Monday 3:30 pm – 5:30 pm – Salon C**

Chair: **Kent Mathewson**, Louisiana State University

**Elizabeth Leppman**, Saint Cloud University

*Denominational geography over time and space: Three Kentucky Counties, 1931-33 and 2002-03*

Discussant: **Frank Ainsley**, University of North Carolina - Wilmington

**Kevin N. Raleigh**, University of South Carolina

*Does “Dry” mean “rural religious poor” in Kentucky? Exploring a Time-Honored Southern phenomenon*

Discussant: **Elizabeth Leppman**, Saint Cloud University

**W. Scott Whitlock**, University of North Carolina - Charlotte

*“My church will never be the same”: Heteronormative structure and the ownership of space in the conservative responses to the election of Gene Robinson*

Discussant: **Frank Ainsley**, University of North Carolina - Wilmington

**Session Number 22 – Gender, Justice, and Social Theory**  
**Monday 3:30 pm – 5:30 pm – Salon A**

Chair: **Ann M. Oberhauser**, University of West Virginia

**Ann M. Oberhauser**, University of West Virginia  
*Gender, Globalization and Local Economic Strategies*  
Discussant: **Holly Hapke**, East Carolina University

**Hilda E. Kurtz**, University of Georgia  
*Reflections on an iconography of environmental justice activism*  
Discussant: **Jon Lepofsky**, University of North Carolina – Chapel Hill

**Ann Angelheart**, University of North Carolina - Charlotte  
*Social Capital as a Social Construct*  
Discussant: **Ann M. Oberhauser**, University of West Virginia

**Marcia England**, University of Kentucky  
*Policing Public Space*  
Discussant: **Ann Angelheart**, University of North Carolina - Charlotte

**Session Number 23 – Spatial Modeling and Cognition**  
**Monday 3:30 pm – 5:30 pm – Eastover**

Chair: **Selima Sultana**, Auburn University

**Yong Wang**, East Carolina University  
*Comparison of Digital Elevation Models and Understanding of Their Impact on the Flood Extent Mapping on North Carolina Coastal Floodplains*  
Discussant: **Zhi-Jun Liu**, University of North Carolina - Greensboro

**Bradley A. Shellito**, Old Dominion University  
*A GIS Model For Analysis of Historically Preserved Areas*  
Discussant: **James Young**, Appalachian State University

**Robert Lloyd** and **Rick L. Bunch**, University of South Carolina and Central Michigan University  
*Competing Sex Differences in Spatial Cognition*  
Discussant: **Elisabeth Nelson**, University of North Carolina - Greensboro

**Keith Lockwood**, U.S. Army Corps of Engineers, Norfolk  
*Sea Turtles and Dredging: 3D Modeling of a Chesapeake Bay Navigation Channel*  
Discussant: **Robert Lloyd**, University of South Carolina

**Yanfen Le**, University of Georgia  
*Shanghai in Real Travel Time Space Based on Public Transportation, 2002*  
Discussant: **Selima Sultana**, Auburn University

**Session Number 24 – *If it could be said in words  
there would be no need for art***  
**Monday 3:30 pm – 5:30 pm – Salon F**

Organizer and Chair: **Barney Warf**, Florida State University

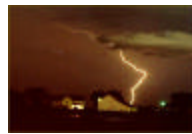
Discussant: **John R. Grimes**, Louisiana State University



**Barney Warf**, Florida State University



**Dydia DeLyser**, Louisiana State University



**Fred M. Shelley**, Texas State University, San Marcos

**Session Number 25 – *Gamma Theta Upsilon, Undergraduate Student Papers***  
**Monday 3:30 pm – 5:30 pm – Salon H**

Chair: **Howard Johnson**, Jackson State University

**Alan M. Hancock**, University of South Carolina  
*The “New South” Myth and the “New Regional Geography”*

**Nancy A. El-Zeaiter**, Jacksonville State University  
*Spatial Discrimination Study On Jacksonville State University Campus*

**Wesley G. Peppers**, Jacksonville State University  
*Poultry Processing Plant Placement and Its Effect on the Distribution of Hispanic Population in Alabama*

**Christopher Leblanc**, Jacksonville State University  
*The relationship between distance and the number of automobiles at fast food locations in Jacksonville, Alabama*

**Jeanne Markwardt**, University of North Carolina – Greensboro  
*Getting there on time: A CBD analysis of journey to work patterns*

**Patrick Talley**, Jacksonville State University  
*Cheaha Trailhead: Trends in Trailhead Use in Relation to Distance Being Traveled by Users*

**Session Number 26 – Panel. *Southeastern Geographer: Looking Back, Looking Forward*  
Monday 3:30 pm – 5:30 pm – Elizabeth Room**

Organizers: **Derek H. Alderman** and **Scott Lecce**, East Carolina University

Chair: **Scott Lecce**

In Honor of Outgoing Editor, **James O. Wheeler**

Panelists: **Stephen Birdsall**, University North Carolina-Chapel Hill; **Allan Bushong**, University South Carolina; **J. Dennis Lord**, University North Carolina-Charlotte, **James O. Wheeler**, University Georgia, and **John Winberry**, University South Carolina

**Session 27. Panel. *Remote Sensing and Geographic Studies: Challenges and Opportunities*  
Monday 3:30 pm – 5:30 pm – Myers Park**

Organizer and Chair: **Luoheng Han**, University of Alabama

Panelists: **Luoheng Han**, University Alabama; **Michael Hodgson**, University South Carolina; **C.P. Lo**, University Georgia; **Steve J. Walsh**, University North Carolina - Chapel Hill; and **Xiaojun Yang**, Florida State University

**Tuesday Period 5 - 8:00-10:00**

**Session Number 28 – *Latin American Cultures and Economies*  
Tuesday 8:00 am – 10:00 am – Myers Park**

Chair: **Kenneth H. Orvis**, University of Tennessee

**John D. Bies**, University South Carolina - Spartanburg

*Squatters & Shantytowns in Rosario, Argentina*

Discussant: TBA

**David Cochran**, University of Southern Mississippi

*Shifting Agriculture, Economic Livelihoods, and Farmer Resilience to Hurricane Disturbance in the Río Plátano Biosphere Reserve of Eastern Honduras*

Discussant: **John D. Bies**, University South Carolina – Spartanburg

**Kelly Watson**, Florida State University

*The Political Economy of Poverty and Soil Erosion in Rosário da Limeira, Brazil, 2000*

Discussant: **John D. Bies**, University South Carolina – Spartanburg

**Session Number 29 – Political Regions**  
**Tuesday 8:00 am – 10:00 am – Salon F**

Chair: **Julian Minghi**, University of South Carolina

**Esther Long**, University of Kentucky

*'Different from the world': Transnationalism and the idea of the West in contemporary Ukrainian Protestant churches*

Discussant: **Carl Dahlman**, University of South Carolina

**Jason Dittmer**, Georgia Southern University

*Representing the Orient: Russia in Newspaper Accounts of NATO Expansion*

Discussant: **Julian Minghi**, University of South Carolina

**Kevin Borden**, University of South Carolina

*'Piece' in the Middle East: A Spatial Confusion Analysis Among Middle Eastern Countries*

Discussant: **Jonathan Leib**, Florida State University

**Michael Bégin**, University of Kentucky

*Negotiating Seduction, Exoticism and Patriarchy: The Eastern European Mail-order Bride Industry*

Discussant: **Richard Deal**, Eastern Kentucky University

**Tina Mangieri**, University of North Carolina - Chapel Hill

*Whitey on the Moon, or, the uneven geographical development of (extra)terrestrial space.*

Discussant: **Darren Purcell**, Florida State University

**Session Number 30 – Social Issues and Resources**  
**Tuesday 8:00 am – 10:00 am – Salon A**

Chair: **Susan M. Walcott**, Georgia State University

**Sara Beth Keough**, University of Tennessee

*Community Bands and Sense of Community: A Geographic Perspective*

Discussant: **Jeffrey Popke**, East Carolina University

**Joshua F. J. Inwood**, University of Georgia

*Making the Legal Visible: Wilhelmina Griffin Jones' Experience of Living in Alabama*

Discussant: **Lizbeth A. Pyle**, University of West Virginia

**Haifeng Zhang**, University of South Carolina

*Causation Analysis of Crime for the City of Omaha: Using Crime Density as Measure of Crime*

Discussant: **Susan M. Walcott**, Georgia State University

**Taro Futamura**, University of Kentucky

*Eating 'Local': Producing Area Specification and Representation of Geographic Scale in Farmers Market in Lexington, Kentucky*

Discussant: **Katie Algeo**, Western Kentucky University

**Lizbeth R. Sydnor**, Mary Washington College

*The Future of Ireland's Hedgerows – Farmers' attitudes and management practices*

Discussant: **Clifton (Skeeter) Dixon**, University of Southern Mississippi

**Session Number 31 – Hazards**  
**Tuesday 8:00 am – 10:00 am – Salon C**

Chair: **Graham A. Tobin**, University of Southern Florida

**Erin P. Hughey** and **Graham A. Tobin**, University of Southern Florida  
*Community Size and Response to Hazards: A Case Study of Falmouth, Kentucky and the Flood of 1997*  
Discussant: **Arleen A. Hill**, University of Memphis

**Lakeisha Coleman**, **Heather Roe**, and **Ed Unger**, Georgia State University  
*The Perception of Risk from Terrorism and Natural Hazards: A Comparative Assessment of College Student Attitudes*  
Discussant: **Paul A. Gares**, East Carolina University

**Bridget A. Robinson**, Mary Washington College  
*What Causes Fear? Students Perceptions of Safety on a Small Town College Campus*  
Discussant: **Chris Emrich**, University of South Carolina

**Derek Hanak** and **Paul A. Gares**, East Carolina University  
*A hurricane vulnerability index: Analysis of four North Carolina Counties*  
Discussant: **Graham A. Tobin**, University of Southern Florida

**Session Number 32 – Climatology in the Southeast**  
**Tuesday 8:00 am – 10:00 am – Eastover Room**

Chair: **Charles E. Konrad, II**, University of North Carolina – Chapel Hill

**Jeff Martin** and **Charles E. Konrad, II**, University of North Carolina – Chapel Hill  
*An Analysis of Wind Gust Observations from Reporting Stations in the Southeast United States*  
Discussant: **Vernon Meentemeyer**, University of Georgia

**Mark Sean Murphy** and **Charles E. Konrad, II**, University of North Carolina – Chapel Hill  
*Spatial and Temporal Patterns of Subjectively Classified Thunderstorm Events that Produce Cloud-to-Ground Lightning in the Interior Southeastern United States*  
Discussant: **Donald Yow**, Eastern Kentucky University

**Christopher M. Fuhrmann** and **Charles E. Konrad, II**, University of North Carolina – Chapel Hill  
*A Climatology of Frozen Precipitation Types and their Transitions across the Southeastern USA*  
Discussant: **Jeremy E. Diem**, Georgia State University

**Fan Chen** and **Charles E Konrad, II**, University of North Carolina – Chapel Hill  
*A Synoptic Climatology of Summertime Hot Events in the Piedmont Region of North Carolina*  
Discussant: **W. R. Scott Curtis**, East Carolina University

**Session Number 33 – *Gamma Theta Upsilon II, Undergraduate Student Papers***  
**Tuesday 8:00 am – 10:00 am – Salon H**

Chair: **Howard Johnson**, Jacksonville State University

**Heath Robinson**, Jacksonville State University  
*Investigation in Stormwater Sedimentation Concentration*

**Pamela A. Swaim**, Jacksonville State University  
*Degrading Water Quality of Crow Creek in Northeastern Alabama*

**Cora Jane Dunaway**, Jacksonville State University  
*A Construction of a Hemp Belt for 1870-1930*

**Maryann Wilson**, Jacksonville State University  
*Determination if Calhoun County emergency management agency's 'Know your zone' map accurately communicates zone boundaries to people in rural areas of Calhoun County*

**Mack Tallent**, Jacksonville State University  
*Distinguishing the C/D Climate Boundary from 1960 to 2000*