

PROGRAM
73rd Annual Meeting
Of the Southeastern Division of the AAG

SouthEastern Division *of the*
American Association *of* Geographers



Hosted by
Department of Geosciences
East Tennessee State University
Johnson City, TN
November 18-19, 2018

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Committee Members Saskia L. Van De Gevel, Appalachian State University; Matthew R. Cook, Eastern Michigan University; Amy E. Potter, Armstrong State University; Ronald Schumann, University of North Texas

World Geography Bowl Committee

Event Organizers: Dawn M. Drake, Tom Bell, Dawn Bowen, Bill Carstensen, Jamison Conley, Peggy Gripshover, George Lonberger, Jeff Neff, Lee Ann Nolan, Jesse Andrews, and Dennis Edgell, and Michael Pretes

Moderators: Tom Bell, Dawn Bowen, Jamison Conley, and Paul McDaniel

Judges: George Lonberger, Peggy Gripshover, and Criss Smith

Scorekeepers: Ethan Bottone, George Lonberger, Ronald Schumann, Jesse Andrews

Master Scorekeeper Lee Ann Nolan

Teams and State WGB Coordinators

- **Alabama:** Johanna Engström, University of Alabama
- **Florida:** Joann Mossa and Stephanie Mundis, University of Florida
- **Georgia:** Amy Potter, Georgia Southern University
- **North Carolina:** Chris McGinn, North Carolina Central University
- **Tennessee:** Andrew Joyner, East Tennessee State University
- **Virginia:** Joe Nicholas, University of Mary Washington

Dream Team: John Kupfer, SEDAAG Regional Councillor to AAG, Jamison Conley, Director of AAG World Geography Bowl, Joann Mossa, SEDAAG President, Wil Tollefson, East Tennessee State University, Doug Gamble, University of North Carolina - Wilmington

PROGRAM AT A GLANCE

Sunday, November 18		
8:00 AM – 7:00 PM	Registration	Lobby, Carnegie Hotel
8:00 - 10:00	Executive Committee Breakfast	Wine Cave, Carnegie Hotel lower level
11:00 - 2:00	Steering Committee Meeting	Wilder Dining Room, Carnegie Hotel
10:30 - 11:15	World Geography Bowl Registration	Lobby, Carnegie Hotel
11:30 - 12:00	World Geography Bowl Orientation	Grand Soldiers Ballroom, Carnegie Hotel
12:00 - 3:00	World Geography Bowl Round Robin Competition (winning teams and all-star team announced immediately following conclusion of Round Robin Competition)	Robert Taylor and Alfred Taylor Salons, Carnegie Hotel lower level; 120, 125, 130 Millennium Center
3:00 – 4:00	Southeastern Geographers Social Event	Library, Carnegie Hotel
4:00 - 6:00	Paper and Poster Sessions	Robert Taylor and Alfred Taylor Salons, Carnegie Hotel lower level; 115, 120, 125, 130 Millennium Center
6:00 – 8:00	Opening Reception (co-sponsored by Study of the American South Specialty Group)	Grand Soldiers Ballroom, Carnegie Hotel

Monday, November 19		
7:00 - 1:00	Registration	2nd floor Lobby, Millennium Center
7:00 - 8:00	Status of Women in Geography Breakfast	260 Millennium Center
8:00 - 5:00	Paper, Poster, and Panel Sessions	Millennium Center
8:00 - 5:00	<i>Southeastern Geographer</i> Photo Competition	2nd floor Lobby, Millennium Center
12:00 – 1:00	Stand-Alone Geographers Lunch	260 Millennium Center
5:00 - 6:00	SEDAAG Business Meeting	137A Millennium Center
6:00 - 7:15	World Geography Bowl Championship	137B Millennium Center
7:30 - 10:00	Honors Banquet and Plenary Address	Ballrooms ABC, Millennium Center

Paper and Poster Sessions

Each paper time slot is 20 minutes long: 15 minutes for the paper presentation followed by 5 minutes of audience/presenter discussion. Please respect the chairperson's time cues.

MC = Millennium Center; CH = Carnegie Hotel

SUNDAY

November 18

4:00pm - 6:00pm

PAPER SESSION

CH Robert Taylor Salon (1st Fl)

Human-Environment Interactions and Conservation

Chair: Maria Fadiman (Florida Atlantic University)

- 4:00 ***Development of a Web-Based Tool to Forecast Wet Bulb Globe Temperature for Populations Who Engage in Exertional Outdoor Activities*** Charles E. Konrad (University of North Carolina at Chapel Hill), Ashley Ward (University of North Carolina at Chapel Hill), Jordan Clark (University of North Carolina at Chapel Hill), and Darrian Bertrand (North Carolina State University)
- 4:20 ***Prioritizing Community Environmental Concerns – A Case Study of Newport News, Virginia, USA*** Liem T. Tran (University of Tennessee, Knoxville), Timothy Barzyk (US EPA), Mark Ridgley and Robert O'Neill (Oneida Total Integrated Enterprises)
- 4:40 ***Support-Seeking Behaviors for Mental Health and Temperature: Is There an Association in Young Adults?*** Margaret Sugg (Appalachian State University), P. Grady Dixon (Fort Hayes State University), Laura Thompson (Oak Ridge National Laboratories) and Jennifer Runkle (Oak Ridge National Laboratories)
- 5:00 ***Ethnobotanical Community Conservation in Tanzania, Africa*** Maria Fadiman (Florida Atlantic University) and Grace Gobbo (University of Dar es Salaam)

Landscape Change in the Biosphere and Cryosphere

Chair: David Jensen (Virginia Tech)

- 4:00 ***Developing Landsat Phenology Curves to Characterize Post-Fire Forest Change in South Carolina, USA*** Brooke Rose and Nicholas N. Nagle (University of Tennessee, Knoxville)
- 4:20 ***Crocodile Hybridization in Belize: Integrating Field Observations and Remote Sensing to Examine the Driving Role of Human Landscape Modification*** Jordan R. Cissell and Michael K. Steinberg (The University of Alabama)
- 4:40 ***Evaluating Savanna Vegetation Persistence in National Parks of Southern Africa During the 21st Century*** Hannah Victoria Herrero and Jane Southworth (University of Florida)
- 5:00 ***Spatio-Temporal Vegetation Change as Related to Terrain Factors at Two Glacier Forefronts, Glacier National Park, Montana*** Callie B. Lambert, Lynn M. Resler, and Yang Shao (Virginia Tech)
- 5:20 ***The Annual Cycle of Landfast Ice Extent in the Bering Sea*** David A. Jensen and Lynn M. Resler (Virginia Tech)
- 5:40 ***Rohingya Refugee Camp Expansion and Forest Cover Change in Teknaf, Bangladesh*** Mohammad Mehedy Hassan, Audrey Culver Smith, Katherine Walker (University of Florida), Munshi Khaledur Rahman (Virginia Tech), Jane Southworth (University of Florida)

Geographies of Memory and Heritage in the Southern United States

Organizers: Matthew Cook (Eastern Michigan University) and Ronald Schumann (University of North Texas)

Chair: Ronald Schumann (University of North Texas)

- 4:00 ***Beyond the Wars on the River: An Analysis of the Historical Markers in Savannah, Georgia*** Linnea Ryan, Meimei Lin and Amy Potter (Georgia Southern University)
- 4:20 ***Live Oaks and "Living" Memory: Museum Visitors and Plantation Aesthetics in Charleston, South Carolina*** Emma Walcott-Wilson (The University of Tennessee-Knoxville)
- 4:40 ***Deconstructing Sycamore Shoals State Park: The Maintenance of Settler Colonialism at Historical Tourism Sites*** Ethan Bottone (The University of Tennessee-Knoxville)

- 5:00 ***Jim Crow's Undoing: Representations of Southern Identity in World War II*** Altha Cravey (University of North Carolina Chapel Hill) and Georgia Cravey (Independent Scholar)
- 5:20 ***Sub-Regional Variation in Tourists' Imaginings of Southern Antebellum Plantation Museums*** Candace Forbes Bright (East Tennessee State University), Perry Carter (Texas Tech University), Steve Hanna (University of Mary Washington), Amy Potter (Georgia Southern University), Arnold Modlin (Norfolk State) and Derek Alderman, (University of Tennessee, Knoxville)

PAPER SESSION

MC 125

Special Session: Travel and Environment

Organizers: Angela Antipova (University of Memphis) and Selima Sultana (University of North Carolina at Greensboro).

Chair: Selima Sultana (University of North Carolina at Greensboro)

- 4:00 ***An Accessibility Approach for Predicting the Role of Railway Speed in Regional Development: A Case Study in the Washington, DC-Atlanta Corridor*** Hyojin Kim and Selima Sultana (University of North Carolina at Greensboro)
- 4:20 ***Where are the Dangerous Intersections for Pedestrians and Cyclists: A Colocation-Based Approach*** Yujie Hu (University of South Florida), Yu Zhang (University of South Florida), and Kyle S. Shelton (Rice University)
- 4:40 ***A Time-Series Study of Socio-demographic and Land Use/Cover Factors and Travel Behavior in Memphis and Shelby County, TN*** Ehsan Momeni and Angela Antipova, (University of Memphis)
- 5:00 ***Examination of Spatial Mismatch in Shelby County, TN, Using CTPP 2006-2010 Tract-to-Tract Commuter Flows*** Angel Antipova (University of Memphis)
- 5:20 ***Commuting Around the Clock in a 24/7 City*** Joseph Weber (University of Alabama) and Selima Sultana (University of North Carolina at Greensboro)

Special Session: Teaching critical geographies of race in and about the U.S. South

Organizer and Chair: Adam Bledsoe (Florida State University)

The panel will reflect on experiences teaching critical geographies of race in the U.S. South. Panelists will discuss lessons learned, successful pedagogical approaches, plans for future teaching innovations, the efficacy of field trips, and useful readings and theoretical approaches. Ultimately, this panel seeks to further conversations on how we might meet the challenge of helping students understand the increasingly polarized world they are encountering.

4:00 Panelists: Adam Bledsoe, Florida State University; Conor Harrison, University of South Carolina; LaToya Eaves, Middle Tennessee State University; Stevie Larson, Spelman College, Willie Wright, Florida State University

Graduate Honors

Detecting Traffic Signs in Cities Based on Machine Learning and GIS Zihao Wu (Georgia Southern University)

Land Cover/Land Use Change in Beaver Creek Watershed, North East Tennessee and South West Virginia (2001-2011) Tosin M. James (East Tennessee State University)

Warm Season Hydroclimatic Variability in the Southern Appalachian Mountains (SAM) from 1955 to 2017 Timothy K. Kinlaw (Appalachian State University)

Undergraduate

A Comparison of Different Software Packages and Web Services in Processing Drone-Collected Data for Terrain Mapping Meghan Russell (University of Tennessee, Knoxville)

A Spatial Analysis of Flood Patterns of United States Landfalling Tropical Cyclones Kyle D. Kipple (University of Florida)

An Analysis of Access to Water, Sanitation, and Hygiene Services among Refugees in the New River Valley, Virginia Saalehah Habeebah and Luke Juran (Virginia Tech)

An Analysis of the Hazardous Potentials of Wastewater from Hydraulic Fracturing of Coal Bed Methane Production Glori W. Hart (Jacksonville State University)

Analysis of the Symmetry of Tropical Cyclone Rain Fields for Storms Over the Southwest Indian Ocean Addie E. Hazen (Santa Fe College)

Analyzing Spatial Extent and Intensity Patterns of Tropical Cyclones Affecting Madagascar and Mozambique Sarah Marie Van Schoick (University of Florida)

Business and GIS Interrelated Topics David Coburn (Samford University)

China's Rise and the World's Response: How is Chinese Expansion Portrayed in Media? Chase A. Womack (University of North Alabama)

Climate-Growth Analysis of Pin Oak and Red Maple in a Central Appalachian Bottomland Oak Forest John M. Cline (Concord University)

Comparison of the Toxic Release Inventory and Local Demographics of Alabama Noah A. Herndon (Samford University)

Earthquake Preparedness in Children and Young Adults in Northern Virginia Darby Libka and Eli McCleary (University of Mary Washington)

The Economic Impact of Railroad Development in Georgia, 1830-1861 Lillian B. Sanders (Georgia Southern University)

The Effects of Median Age and Educational Attainment on Population Change, West Virginia 2010-2016 Ann M. Lockard (Marshall University)

Effects of Railroad Development in Antebellum Georgia Lillian B. Sanders (Georgia Southern University)

Fire History of a Dry Oak-Pine (Quercus-Pinus) Forest in Southern West Virginia Alysia Miller (Concord University)

From A Worker's Safe Haven to A Hipster's Paradise: A Study of Gentrification in Historic South End Maggie-Jean Catron Cook (Concord University)

Geography of Chattanooga: Engaging with Place Nathan R. Collyer, Katie Spivey, Amy Brock-Hon, Shannon McCarragher, and Caleb Mathias (University of Tennessee at Chattanooga)

How Different Storm Types Contribute to Tornadoes, False Alarms, and Forecasting Challenges in East Tennessee Morgan Steckler, Rebecca Russ, Kelsey Ellis, and Lisa Mason (University of Tennessee, Knoxville)

How the Eye of Africa Could Have Housed an Ancient Civilization Robert K. Fightmaster (Samford University)

Hurricane Maria (2017) and Other Tropical Cyclones Affecting Dominica Cassia Raina Barnard-Royer (Santa Fe College)

The Land of Opportunity or Adversity? A Case Study of Migrants from Former Soviet Republics in the Greater Washington D.C. Area Polina Ihorivna Prokof'yeva (Concord University)

Mapping Kudzu Conditions Using Unmanned Aircraft System: A Case study from Mary Vestal Park, Knoxville, Tennessee Kristina Jean Cairns (University of Tennessee, Knoxville)

Memorialization of World War II on the National Mall Darby Libka and Jordan Chandler (University of Mary Washington)

Modeling the Hydrologic Impacts of a Proposed Residential Development in Knoxville, TN Emily Annette Craig (University of Tennessee, Knoxville)

Population Analysis of Small-Stakeholder Settlement Schemes in Trans Nzoia County, Kenya Matthew Steven Franklin (University of Richmond) and Austin Mohlenbrok (Samford University)

Roadside Memorials in Mercer County West Virginia Cody Perkins (Concord University) and Payton Gilchrist (University of North Alabama)

Saba: A Small Island Reef Rehabilitation Effort Forrest Courtney and Jennifer Rahn (Samford University)

Wastewater Analysis of Hydraulic Fracturing in the Cahaba River Basin Glori Whitaker Hart (Jacksonville State University)

Weather and Climate Extremes as Compared to Picea rubens (Red Spruce) Deformation at Two High-Elevation Sites in Canaan Valley, West Virginia Peter H. Forister (Virginia Tech)

Monday

November 19

8:00am - 10:00am

PANEL SESSION

MC 130

Geographies of Aretha Franklin

Organizers: Shaundra Cunningham and Derek Alderman (University of Tennessee, Knoxville)
Moderator: Derek Alderman (University of Tennessee, Knoxville)

On August 16th news flooded the press in every corner of the globe that the world lost an iconic and trailblazing voice: Aretha Franklin. Aretha was born in Memphis, Tennessee, but raised and rooted in the 20th Century music mecca of Detroit, Michigan. It is hard to overstate the impact and importance of her musical and political legacy; as NPR writer Ann Powers opined, Aretha was “America’s Truest Voice.” Raised in the bosom of the black church, she was the daughter of the Rev. C.L. Franklin, a noted liberation theology pastor, and grew up among luminaries such as Mahalia Jackson, Clara Ward, Martin Luther King, Jr., and so many more. Aretha’s distinct sound traversed history, encapsulating the African ring shout, the blues moan, the Negro spiritual, rhythm and blues, jazz riffs, operatic range, and so much more. Declared by Rolling Stone as the greatest singer of all time, Aretha won 18 Grammy awards, sold more than 75 million records, and was the first woman inducted into the Rock & Roll Hall of Fame. Her most popular song, “Respect,” remains a rallying cry for activists the world over. Aretha’s music inspired and sustained many advocating for civil and human rights and she represented an activist in her own right. This special panel discussion pays tribute to Aretha Franklin while also using a contextualized analysis of her story and impact to unlock and explore broader understandings of political, geographic, and historical forces in the United States and beyond. The panel supports the growing “black geographies” movement, bringing previously neglected attention to the experiences of people of color and the important intersections of race, class, gender, and region. Panelists engage critical inflection points in the lifespan of Aretha Franklin, employing modes of inquiry such as black and feminist geographies, the role of music in culture and politics, religion and spiritual geographies, memory-work and reputational politics, and celebrity and fan cultures.

8:00 Panelists: Douglas Allen (Florida State University), Shaundra Cunningham (University of Tennessee, Knoxville), Latoya Eaves (Middle Tennessee State University), Josh Inwood (Pennsylvania State University) and Robert Kruse (West Liberty University)

PAPER SESSION

MC 120

Special Session: Paleoenvironments of the Southeastern U.S. and Circum-Caribbean

Organizer: Sally P. Horn (University of Tennessee, Knoxville)
Chair: Sally P. Horn (University of Tennessee, Knoxville)

8:00 ***Sedimentological and Geochemical Differences in Sediment Cores from the Same Relict Terrace Surface: Implications for Paleoflood Reconstruction*** Rachel Lombardi and Lisa Davis (University of Alabama), Lance Stewart (Murray State University), Gary Stinchcomb (Murray State University), Steve Forman (Baylor University) and David Leigh (University of Georgia)

- 8:20 ***Anderson Pond Revisited: A New Chronology for a Classic Pollen Site in the Southeastern U.S.*** Sally Horn, Mathew S. Boehm (University of Tennessee, Knoxville) and Joanne P. Ballard (Tennessee Valley Authority)
- 8:40 ***Sedimentary Nitrogen as a Proxy for Prehistoric Forest Clearance and Site Abandonment in Southern Pacific Costa Rica*** Matthew T. Kerr, Sally Horn (University of Tennessee, Knoxville) and Chad S. Lane (University of North Carolina-Wilmington)
- 9:00 ***A Macroscopic Charcoal and Pollen Record of Paleoenvironmental Change from a Belizean Pine Savanna*** Jacob Cecil (University of Tennessee, Knoxville), Cathy E Smith (University of Edinburgh), Mathew S Boehm (University of Tennessee, Knoxville), and Sally P Horn (University of Tennessee, Knoxville)
- 9:20 ***Hydrogen Isotope Analysis of n-Alkanes in Sediments of Emerald Pond, Abaco Island, The Bahamas*** Luke Blentlinger (University of Tennessee, Knoxville), Sally Horn (University of Tennessee, Knoxville), Matthew Kerr (University of Tennessee, Knoxville) and Chad S. Lane (North Carolina-Wilmington)

PAPER SESSION

MC 125

Special Session: Floods, Floodplains, and Fluvial Studies

Organizer: Sarah Praskievicz (University of North Carolina at Greensboro)

Chair: Sarah Praskievicz, (University of North Carolina at Greensboro), Joann Mossa (University of Florida) Yin-Hsuen Chen (University of Florida)

- 8:00 ***Rapid Flood Inundation Mapping by Integrating Social Media and Post-Event Satellite Imagery*** Cuizhen "Susan" Wang and Xiao Huang (University of South Carolina)
- 8:20 ***Flood-Inundation Modeling in an Operational Forecasting Context: 2016 Alabama/Florida and Texas Floods*** Sarah Praskievicz (University of North Carolina at Greensboro), Shawn Carter (National Water Center), Juzer Dhondia (National Water Center), Mike Follum (United States Army Corps of Engineers)
- 8:40 ***Passive Vegetative Recovery on Point Bars, Apalachicola River: Mapping and Relations to Ecologic, Hydrologic, and Topographic Drivers*** Yin-Hsuen Chen and Joann Mossa (University of Florida)
- 9:00 ***Challenges and Early Findings of a Point Bar Restoration Project, Apalachicola River, Florida*** Joann Mossa and Yin-Hsuen Chen (University of Florida)
- 9:20 ***Sycamore as a Biogeomorphic Keystone Species for Bedrock Controlled Streams*** Tasnuba Jerin (University of Kentucky)
- 9:40 ***A Creek Runs Through It: A History of Flooding in Downtown Johnson City*** William C. Tollefson and Ingrid Luffman (East Tennessee State University)

Special Session: Advances in Economic Geography

Organizer: Sharon Cobb (University of North Florida)

Chair: Sharon Cobb (University of North Florida)

- 8:00 ***The Location of New Manufacturing in N and S Carolina: A Case Study*** Sharon Cobb (University of North Florida)
- 8:20 ***Do Incentives Net New Jobs in a Dispersed Industrial System? A Case Study of Southern Auto Plants 1983-2016*** William Graves (University of North Carolina, Charlotte)
- 8:40 ***Ordinary Cities and Their Export Performance: Exploring the Case of the Southern United States*** Ronald Kalafsky (University of Tennessee, Knoxville)
- 9:00 ***Disney World or Bust?: The Impact of Family Composition on Travel Decisions*** Kim Leach and Dawn Drake (Missouri Western State University)
- 9:20 ***A Preliminary Look at Geographic Differences in Income and Cost of Living*** Harrison Campbell (University of North Carolina at Charlotte) and Ryan D. James (Northern Illinois University)

Methods and Research in Geographic Education and Outreach

Chair: Heidi Lannon (Santa Fe College)

- 8:00 ***Finding Geography with Underrepresented Students*** Heidi Lannon (Santa Fe College), Corene Matyas (University of Florida), Katie Stofer (University of Florida), Jasmeet Judge (University of Florida), and Brandan Lanman (Orlando Science Center)
- 8:20 ***The National Geographic Alliance Network: Analyzing Success of the First 25 Years*** Caroline Hope McClure (University of Alabama)
- 8:40 ***Adulting at the Kids' Table: Undergraduate Researchers doing Children's Geography*** Lillian Lester and Melina A Patterson (University of Mary Washington)
- 9:00 ***A Timely Update on the K-12 Geography Education Support System*** P Kurt L. Butefish (University of Tennessee, Knoxville)
- 9:20 ***Teaching Undergraduates and Their Struggle for Meaning in a Transitional Time*** Stephen Birdsall (University of North Carolina at Chapel Hill)
- 9:40 ***Moving Beyond Instagram Moments: Best Practices and Lessons Learned in GIS Outreach*** Michael E Camponovo (University of Tennessee, Knoxville)

Race, Ethnicity, and Identity Politics

Chair: Sweta Tiwari (Mississippi State University)

8:00 ***Streets as an African-American Space and/or a Deprived Space: An Empirical Analysis***
Sweta Tiwari and Shrinidhi Ambinakudige (Mississippi State University)

8:20 ***Sound, Othering, and Discrimination: Identity Politics of the Indian Tamil Diaspora***
Christabel Devadoss (Middle Tennessee State University)

8:40 ***Being From Neither Here Nor There: Growing Up Latinx In Tennessee*** James Chaney and
Laura Clark (Middle Tennessee State University),

9:00 ***"No Refuge Could Save the [Athlete] and Slave": Sports, Black Athletes, and Spaces of Protest***
Daniel McGowin (Jacksonville State University)

9:20 ***Jim Crow's Undoing: Representations of Southern Identity in World War II*** Altha Jane
Cravey (University of North Carolina Chapel Hill) and Georgia Ann Cravey (Independent
Scholar)

9:40 ***Fictitious Islands: Surveying Familiarity with the West Indies*** William Shane Canup
(University of North Carolina at Greensboro)

Cultural Geographies I

Chair: Dawn S. Bowen (University of Mary Washington)

8:00 ***Tiny Geographies: Connections between Geography and Model Railroading*** Craig R.
Laing (University of Tennessee at Chattanooga)

8:20 ***Fandom on the Air: Updating the Geography of Collegiate Football Radio Broadcasting***
J. A. Cooper (The University of Tennessee, Knoxville) and Edward H. Davis (Emory & Henry
College)

8:40 ***Young People's Photographs and the Idea of "Place" in Childhood*** Sarah Giuseppe and
Hannah Woehrle (University of Mary Washington)

9:00 ***Making Place in Aruba: Children in an American Company Town*** Dawn S. Bowen
(University of Mary Washington)

9:20 ***Meteorology and Myth: Rationalization of the Thunderstorm and Tornado Deities of Japan***
Dennis J. Edgell (University of North Carolina at Pembroke)

Human Geography, Human-Environment Interactions and Geographic Education

A Spatial Autocorrelation Analysis of Malaria Prevalence in Ethiopia Before and After the Roll Back Malaria Initiative Abigail Ann Smith (University of North Alabama)

Assessing Strontium Contamination in Private Drinking Water Supplies in Virginia Veronica Scott, Luke Juran, and Erin Ling (Virginia Tech)

Atmospheric Rivers and Extreme Precipitation in the Southeastern United States Montana A. Eck (University of North Carolina at Chapel Hill), Charles E. Konrad (University of North Carolina at Chapel Hill), and Jordan McLeod (Southeast Regional Climate Center (SERCC))

Brush Creek Citizen Science Project Update: Developing a Fully Automated Process to Collect and Archive Contributed Data Ingrid Luffman and Daniel Connors (East Tennessee State University)

Clifty Wilderness Campsite Impact Analysis: Geographically Weighted Regression Model Approach Min Kim (Marshall University) and Ryan Sharp (Kansas State University)

Ebola in West Africa: Assessing Perceived Risks and Public Health Preparedness in Ghana Judith Ntow Oppong and Seth Appiah-Opoku (University of Alabama)

The Effect of Distance on the Composition of U.S. State Legislatures Jesse R. Andrews (Oklahoma State University)

The Effects of Urban Form on Biodiversity and Ecological Functioning: A Literature Review Caroline Brinegar and Sara Gagné (The University of North Carolina at Charlotte)

Engaging Spatial Thinking in World Regional Geography Eric Spears and Amanda Rees (Columbus State University)

Engaging Students in Community GIS: Oconee River Greenway Doug R Oetter (Georgia College)

The Geography of Solar Farms in North Carolina Scott Curtis (East Carolina University)

Hospital Surge Capacity for an Influenza Pandemic in the Triangle Region of North Carolina Rachel L Woodul and Paul Delamater (The University of North Carolina at Chapel Hill)

How Gentrification is Changing Brooklyn Emily Rose Jones (University of North Carolina at Greensboro)

Identifying Controls on and Potential Solutions to Stormwater Flooding on the University of Alabama Campus Afrin Hossain Anni (The University of Alabama), Sagy Cohen (The University of Alabama), and Sarah Praskievicz (University of North Carolina at Greensboro)

Lightning Hazard Safety Measures and Awareness in Bangladesh Md Sariful Islam (Virginia Tech) and Thomas Schmidlin (Kent State University)

Objects of Reverence as Carriers of Diseases: Health Implications of Pigeon Exposure in Mumbai, India Akhil Ravindra Kshirsagar (University of Florida) and Sarala Menon (Grant Medical College, India)

Optimal Placement of Electric Vehicle Charging Stations: Observation of Current Infrastructure Development Strategies Joshua David Starner and Laurence William Carstensen (Virginia Tech)

Stand-Alone Script for Non- immigrants and immigrants in the United States in 2017 Maram Faisal Alrehaili (University of Florida)

The Whitewashing of Wilderness T'Shari White (University of North Carolina at Greensboro)

Monday

November 19

10:00am - 12:00pm

PANEL SESSION

MC 125

Advancing Women in Geography I: Early Career

Chair: Caitlin Finlayson (University of Mary Washington) and Kelsey Ellis (University of Tennessee, Knoxville)

This panel and open discussion brings together women in geography to reflect on and discuss how women can be better supported in the discipline, from graduate school through the tenure process and beyond. The panelists represent a range of life experiences and research emphases and are all in the early stages of their careers in geography. Panelists will discuss issues of work/life balance, research and publication, managing service expectations, mentoring, and teaching. All SEDAAG attendees regardless of gender identity, including graduate students, mid- and late-career faculty are invited to participate in the discussion and share their own ideas, concerns, and questions.

10:00 **Panelists:** LaToya Eaves (Middle Tennessee State University), Kelsey Ellis (University of Tennessee, Knoxville), Caitlin Finlayson (University of Mary Washington), Solange Muñoz (University of Tennessee, Knoxville), Amy Potter, Georgia Southern University

PANEL SESSION (RoundTable Discussion)

MC 130

Engaging Undergraduate Students in Research Activities

Sponsored by the SEDAAG Education Committee

Organizer: Jennifer Rahn (Samford University)

Round table discussion Sponsored by the SEDAAG Education Committee

10:00 Participants: Jennifer Rahn (Samford University), Heidi Lannon (Sante Fe College), Phillip Schmutz (University of West Florida), Jonathan Fleming (Samford University), and Coline Dony (AAG)

PAPER SESSION

MC 120

Hazards, Risk and Vulnerability I

Chair: Corene J. Matyas (University of Florida)

10:00 **Media Use, Risk Perception and Response During Hurricane Irma** Kathleen Sherman-Morris, Christopher Nunley and Philip Poe (Mississippi State University)

10:20 **Major Risks, Uncertain Outcomes: Making Ensemble Forecasts Work for Multiple Audiences** Burrell E Montz (East Carolina University), Rachel Hogan Carr (East Carolina University), Kate Semmens (East Carolina University), and Keri Maxfield (Nurture Nature Center)

- 10:40 ***Tornadoes in West Virginia*** James M. Leonard and Kevin Law (Marshall University)
- 11:00 ***Identifying the Relationships Between Mortality and Heat Stress Indices Across North Carolina*** Jordan J. Clark (The University of North Carolina at Chapel Hill) and Charles E. Konrad (The Southeast Regional Climate Center)
- 11:20 ***Mentoring Undergraduate Research in the Geosciences: Spatial Analysis of Satellite-based Rain Rates in Tropical Cyclones*** Corene J. Matyas (University of Florida), Sarah VanSchoick (University of Florida), Addie Hazen (Santa Fe College), Hunter Russell (Santa Fe College), Raina Barnard (Santa Fe College), Samantha Allen (Santa Fe College)
- 11:40 ***Examining Intensity Trends of Tropical Cyclones Impacting the Louisiana Deltaic Region Using Extreme Value Theory*** Savannah Anne Collins-Key (University of Tennessee, Knoxville)

PAPER SESSION

MC 215

Urban Space and Society

Chair: Meimei Lin (Georgia Southern University)

- 10:00 ***A Bayesian Hierarchical Model for Estimating Impervious Surface Area from Night Time Light: Understanding the Variability across Global Cities*** Meimei Lin (Georgia Southern University)
- 10:20 ***It's Not All Big City Lights: The Spatial Distribution of Same Sex Households in the United States*** Joyce Francis Clapp (University of North Carolina at Greensboro)
- 10:40 ***Uncovering a Queer South: Possibilities of LGBTQ Place-Making in Atlanta Georgia*** Rachael Sarah Cofield (Florida State University)
- 11:00 ***Bicycle Infrastructure Suitability: How GIS Analysis Can Assist the City of Florence in Bicycle Facility Planning*** Peyton A. Moran and Mario Mighty (University of North Alabama)
- 11:20 ***Incendiary Geographies: the Ghost Ship Fire and the Politics of Crisis*** Matthew Harris (University of Georgia)

Cultural Geographies II

Chair: Thomas Crawford (Virginia Tech)

- 10:00 ***Representation of Bicycle Geographies: An Analysis of Recent Television Commercials***
Thomas W. Crawford (Virginia Tech)
- 10:20 ***Care in Recovery: The Development of Collective Autonomy and Emotional Attachment in a Peer-Led Support Group*** Erin Clancy (University of Kentucky)
- 10:40 ***"One More Way to Sell New Orleans": Airbnb and the Commodification of Authenticity through Local Emotional Labor*** Ian Spangler T (University of Kentucky)
- 11:00 ***Living at the Border (Theatre): Humanitarianism and Enforcement in the lives of Lampedusa's Resident Community*** Elisa Sperandio (University of Kentucky)
- 11:20 ***The Geographies of the Global Shark Fin Trade*** Ryan Orgera (Sanibel Captiva Conservation Foundation)
- 11:40 ***Return to Sender: What the Practice of Stamp Pandering Tells Us About the Enduring Spatial and Temporal Appeal of Elvis Presley and the Beatles*** Thomas L Bell (University of Tennessee)

Special Session: Environment, Politics, and Society: A Critical Social Science Approach

Organizers: Ram Alagan (Alabama State University)

Chair: Ram Alagan (Alabama State University)

This panel will discuss a recently (Map 2018) published special journal: *Research in Political Sociology, Volume 25* with Emerald Publishing Limited. The special volume consists of 10 chapters which deal with the current global issues and relationships between environment, politics, and society. In the midst of vigorous discussions on environmental sustainability and environmental crises, global communities are vulnerable more than ever to environmental degradation on local, regional, and global scales. The research papers in this volume underscore a much-needed challenge and critical understanding about the social responsibility to manage resources and to make better policies. This volume bridges a number of social science methodological viewpoints (e.g., sociology; geography; GIS; psychology; environment; Civil Rights; women and land rights; transportation; climate; migration; gender and politics) for discussing the depletion of natural resources, pollution, deforestation, and the impact of global warming and climate change on human existence, highlighting everything that is an important priority for all nations and all governments. Also, it underlines the critical need for attention of

politicians, policy makers, planners and scientists to restore ecological balance and avoid further destruction of the planet. This panel will present four research presentations from the journal publication.

10:00 Panelists: Sharon Everhardt (Troy University) Brenda Gill (Alabama State University), Marcia Rossi (Alabama State University), Eric Spears (Columbus State University), Ram Alagan, Robert White and Seela Aladuwaka (Alabama State University)

PAPER SESSION

MC 230

Graduate Honors I

Organizer: SEDAAG Honors Committee

Chair: Amy Potter (Georgia Southern University)

10:00 ***A Spatial Analysis of the Impact of Foreign-born Population on Home Values in Louisville, Kentucky*** Anqi Xu (University of Louisville)

10:20 ***A Movement Among Rebels: Mascots, Cultural Landscapes, and Race*** Patrick C. Smith (University of Southern Mississippi)

10:40 ***Stream Restoration Relationships and Nature-Objects: A Mini-Ethnography*** Karen S. Kinslow (University of Kentucky)

11:00 ***Spatial Analysis of Pyrethroid Resistance Genotypes in Aedes aegypti Mosquitoes of Florida*** Stephanie J. Mundis (University of Florida)

11:20 ***Urban Growth Modeling by Coupling CART Decision Tree Algorithm and GIS*** Firoozeh Karimi (University of North Carolina, Greensboro)

11:40 ***Predicting Human Mobility Using Twitter Data: Gravity vs Neural Networks*** Nastaran Pourebrahim (University of North Carolina Greensboro)

Monday

November 19

12:00pm - 1:00pm

LUNCH - Buffet-style, 2nd floor Millennium Center, seating available in Ballroom

Provided with Registration

Stand-Alone Geographers Lunch in MC 260

Monday

November 19

1:00pm - 3:00pm

PAPER SESSION

MC 120

Historical Geography

Chair: Thomas Chapman (Old Dominion University)

- 1:00 ***Is the Plantation an Irreformably Racist Southern Symbol?*** E. Arnold Modlin, Jr. (Norfolk State University)
- 1:20 ***How a Good Projection Goes Bad: The Case of the Mercator Projection*** Michele Abee (University of North Carolina Greensboro)
- 1:40 ***Geographies of the Holocaust: GIS Research Paradigms and Teaching Strategies***
Thomas Chapman (Old Dominion University)
- 2:00 ***Patrick Geddes: Botanist Who Became a Geographer and City Planner*** Thomas Frederick Howard (Georgia Southern University, Armstrong)

PAPER SESSION

MC 125

Economic and Urban Development

Chair: Jonathan J. Kozar (Marshall University)

- 1:00 ***Knowledge in Appalachia?: Knowledge Intensive Business Services (KIBS) in the Appalachian Region*** Jonathan J. Kozar (Marshall University)
- 1:20 ***Changing Economic Geography of Southern New England's "Tobacco Valley": Challenges in the 21st Century*** Matthew McKay (University of Florida)
- 1:40 ***The Dynamics of Sustainable Urban Development in The Organizing of Future Cities***
Ahmed Mohammed Jihad (Department of Education, Fallujah)
- 2:00 ***Wealth and Renewable Energy: the Growing Division Within the Energy Economy***
Jesse M Lane (University of North Carolina at Greensboro)

Applications of Geospatial Techniques and Technologies

Chair: T. Andrew Joyner (East Tennessee State University)

- 1:00 ***Fusing Advanced Geospatial Technologies with Data-Driven Hazard Mitigation Planning: An Emerging Framework for Developing Improved Risk and Vulnerability Assessments*** Joseph B. Harris, William C. Tollefson, T. Andrew Joyner, and Andrew Worley (East Tennessee State University)
- 1:20 ***Linking Forest Management to Surrounding Lands: A Citizen-based Approach Towards a Regional Understanding of Land-Use Transitions*** Di Yang, Chiung-Shiuan Fu, and Michael Binford (University of Florida)
- 1:40 ***A Road Not Taken: Computerized Raised Relief Mapping in the 1960s*** John J Swab (University of Kentucky)
- 2:00 ***Improving Sinkhole Mapping Using LiDAR Data and Locating Sinkhole Hotspots in Johnson City, TN*** Kingsley Fasesin, Ingrid Luffman, and Eileen Ernenwein (East Tennessee State University)
- 2:20 ***Rapid Assessment of Invasive Plants in Knoxville City Parks and Greenways*** Melissa Hinten and Nathan McKinney (University of Tennessee, Knoxville)
- 2:40 ***Integration of the Frequency Ratio (FR) Model with Knowledge-based Analytical Hierarchy Process (AHP) for Regional Scale Landslide Susceptibility Model: A Case Study in Chittagong Hilly Areas, Bangladesh*** Yasin Wahid Rabby and Yingkui Li (University of Tennessee, Knoxville)

Special Session: Applications in Dendrochronology

Organizers: Maegen L. Rochner and Laura G. Smith (University of Tennessee, Knoxville)

Chair: Laura G. Smith (University of Tennessee, Knoxville)

- 1:00 ***Dendromastecology in the Bent Creek Experimental Forest*** Tommy Patterson (University of Southern Mississippi) and Cathryn H. Greenberg (USDA Forest Service)
- 1:20 ***Climate Signals in False Rings of Bald Cypress (*Taxodium distichum*)*** Matthew Therrell (University of Alabama), Emily Elliott (University of Alabama), and Grant L. Harley (University of Idaho)
- 1:40 ***The Edifice that Survived Papal Suppression and Royal Expulsion: Revealing the 18th Century Origins of the Jesuit Plantation, New Orleans, Louisiana, USA*** Clay Tucker

(Louisiana State University), Grant L. Harley (University of Idaho), Joshua Oliver (University of Western Australia), and David Baird (Le Citron Bistro)

- 2:00 ***Dendrochronological Investigation of the Knob Creek Cabin at President Abraham Lincoln's Boyhood Home, Hodgenville, Kentucky, USA*** Maegen Rochner, Zachary A. Merrill, and Laura G. Smith (University of Tennessee, Knoxville)
- 2:20 ***The Irma Dugout: a Case Study in Dendroarchaeological Dating*** Laura G. Smith, (University of Tennessee, Knoxville)

PAPER SESSION

MC 230

Hydroclimatic Variability and Change

Chair: Michael Marston (Virginia Tech)

- 1:00 ***Spatiotemporal Differences of ENSO-Precipitation Relationships in the Tropical Andes of Southern Peru and Bolivia*** Joseph Jonaitis, L. Baker Perry (Appalachian State University), Anton Seimon (Appalachian State University and University of Maine), Christopher S. Thaxton (Appalachian State University), Marcos F. Andrade-Flores (Universidad Mayor de San Andrés, La Paz, Bolivia), Maxwell Rado (Universidad Nacional de San Antonio Abád del Cusco, Cusco, Peru), and Tania Ita Vargas (Appalachian State University)
- 1:20 ***Uniformity in the Temporal Distribution of Precipitation through Seasonal and Annual Timeframes across the Mid-Atlantic United States, 1950 – 2017*** Michael Marston and Andrew Ellis (Virginia Tech)
- 1:40 ***Regional Differences in the Spatial Patterns of Precipitation Bands in Hurricanes Making Landfall along the Gulf of Mexico and Atlantic Coasts of the United States*** Stephanie Zick and Jessica Kirkland (Virginia Tech)
- 2:00 ***Extreme Rainfall Associated with Hurricane Maria Over Puerto Rico and its Connections to Climate Variability and Change*** David James Keellings (University of Alabama) and José Javier Hernández Ayala (Sonoma State University)
- 2:20 ***Simulating the Impact of Megadrought on a Key Water Resource System in the Southwestern United States*** Andrew W. Ellis (Virginia Tech) and Kevin W. Murphy (Arizona State University)
- 2:40 ***Drought in the Southeast U.S.: Future Outlooks*** Johanna Engstrom and David Keellings (University of Alabama)

Advancing Women in Geography II: Mid-Career Faculty to Senior-Level Positions

Organizers: Selima Sultana (University of North Carolina Greensboro) and Lynn M. Resler (Virginia Tech)

Moderator: Selima Sultana (University of North Carolina Greensboro)

This panel reflects on the transition of mid-career to senior-career positions for women in the traditionally male-dominated discipline of Geography. The focus is on: 1) identifying gender-specific challenges at later-career stages, 2) discussing their importance/relevance to individuals and the discipline, and 3) promoting discussion on the professional advancement of women in the discipline into senior-level faculty and leadership positions. Discussion of under-representation of women in geography is not new (e.g., Lee, 1990; Winkler, 2000; Brinegar, 2001; Monk, 2004), but a recent AAG (2016) report indicates that women remain under-represented, even though they are slowly closing the gender gap in the discipline. Under-representation of advanced-career women, particularly faculty of color, is most pronounced in subdisciplines such as physical geography and GIS. Closing the gender and race gap at advanced-career stages should be considered a priority in geography to mirror current student-body compositions and the demographic characteristics of our communities.

1:00 **Panelists:** Maria Fadiman (Florida Atlantic University), Joann Mossa, (University of Florida), Kavita Pandit (Georgia State University), Lynn Resler, (Virginia Tech), and Selima Sultana (University of North Carolina at Greensboro)

Graduate Honors II

Organizer: SEDAAG Honors Committee

Chair: Amy Potter (Georgia Southern University)

- 1:00 ***Reconstructing Summer Upper-Level Flow in the Northern Rocky Mountains Using an Alpine Larch (*Larix lyallii*) Tree-Ring Chronology*** Evan E. Montpellier (Appalachian State University)
- 1:20 ***Geospatial Analysis of Nursing Home Vulnerability to Extreme Weather Events*** Matthew J. Wilson (Appalachian State University)
- 1:40 ***A Socioecological Approach to Estimating the Spatial Distribution of *Aedes aegypti* in the City of Huaquillas, Ecuador*** James L. Martin (University of Florida)
- 2:00 ***Tropical Cyclone Frequency Inferred from Intra-Annual Density Fluctuations in Longleaf Pine: A Case Study from Florida*** Tyler J. Mitchell (University of North Carolina at Greensboro)
- 2:20 ***A Validation Study of Personal Sensors for Temperature Exposure Assessments*** Elizabeth F. Bailey (Appalachian State University)

2:40 ***Asserting a Black Sense of Place: Florida A&M University's Homecoming as a Temporary Claim of Place*** Douglas L. Allen (Florida State University)

Monday

November 19

3:00pm - 5:00pm

PAPER SESSION

MC 120

Water, Rivers, and Coasts

Chair: Scott Curtis (East Carolina University)

3:00 ***The Socioeconomics of Tap Water Quality: Public Perceptions and Consumption Patterns in Palm Beach County, FL*** Meagan L. Weisner (Florida Atlantic University)

3:20 ***Cultural Eutrophication of Florida's Surface Waters: Cyanobacteria as Growing Environmental Crisis, or Just Business as Usual*** Robert Allen Sirk (Austin Peay State University)

3:40 ***Monitoring Turbidity Change in the Middle Reach of the Yarlung Zangbo River from 2007-2017 Based on Satellite Imagery and In Situ Measurements*** Ming Shen (University of Tennessee, Knoxville) Siyuan Wang (Chinese Academy of Sciences), Yuanxu Ma (Chinese Academy of Sciences), and Maofeng Tang (University of Tennessee, Knoxville)

4:00 ***Global Coastal Zone Precipitation: Means and Long-Term Trends*** Scott Curtis (East Carolina University)

4:20 ***Estimating Coastal Flood Inundation using Remote Sensing and GIS Techniques*** Arthur Austin Raney and Sagy Cohen (University of Alabama)

PANEL SESSION

MC 130

Special Session: Gender and Queerness in the South

Organizer: Rachael Cofield (Florida State University)

This panel session will explore themes such as Intersectionality, Critical Pedagogy, and Queering the South.

3:00 Panelists: Petra Doan (Florida State University), Douglas Allen (Florida State University), Rachael Cofield (Florida State University) and Samantha Bowden (Rutgers University).

Urban Space and Specialities

Chair: Sharma Madhuri (University of Tennessee, Knoxville)

- 3:00 ***Neighborhood Determinants of Residential Real Estate in Chicago, Illinois*** Mikhail Samarin (University of Tennessee, Knoxville) and Jordyne Krumroy (Welcoming America)
- 3:20 ***The Relation Between Residential Segregation and the Adult Obesity in the Southeastern Region of U.S.*** Heewon Chea and Sharma Madhuri (University of Tennessee, Knoxville)
- 3:40 ***Racial/Ethnic Diversity and Economy in US Counties, 2000-2014*** Madhuri Sharma (University of Tennessee, Knoxville)
- 4:00 ***Korean Community in Charlotte, North Carolina: The Alternative Path of the Ethnic Community Formation*** Jaeho Ko (University of North Carolina at Charlotte)
- 4:20 ***Municipal to Regional Immigrant Integration in a Major Emerging Gateway: Creating a Welcoming Metro Atlanta*** Paul N. McDaniel (Kennesaw State University), Darlene Xiomara Rodriguez (Kennesaw State University), Smilie Sandhu (Kennesaw State University), and Jordyne Krumroy (Welcoming America)

Methodological Approaches

Chair: David Hanson (University of Florida)

- 3:00 ***Mapping Ubiquitous Background Radiation*** John Hamilton Shields (North Carolina at Greensboro)
- 3:20 ***Identifying Perceptions About Effective Public Engagement in Science Using a Cognitive Mapping Approach*** David Hanson (University of Florida)
- 3:40 ***Observing Clusters and Point Densities in Johnson City, TN Crime Using Nearest Neighbor Hierarchical Clustering and Kernel Density Estimation*** Mitchell Steven Ogden (East Tennessee State University)
- 4:00 ***Making the Case for Critical Q Method*** Gretchen Leigh Sneegas (University of Georgia)
- 4:20 ***The usefulness of factor analysis in public opinion research*** Lindy C Westenhoff (University of Tennessee, Knoxville)

- 4:40 ***Understanding the Difference in Perception between Satellite Imagery and Political Maps*** Malia Rae Little (Santa Fe College) and Katie Stofer (University of Florida)

PAPER SESSION

MC 220

Geographies of Food and Food Insecurity

Chair: Jonathan Hall (Florida Atlantic University)

- 3:00 ***Wild Food Landscapes in West Virginia: Impacts of Wild Game Provisioning on Food Security in the Mountain State*** Jonathan C. Hall (Florida Atlantic University) and Maria Fadiman (West Virginia University)
- 3:20 ***Chicken Collision: The Political Ecology of North Florida's Water Resources Under a Global Food System*** Michael Peter Waylen (University of Florida)
- 3:40 ***School Gardens: Unpacking the Potential to Reduce Food Insecurity among Alabama's Children*** Brenda I. Gill (Alabama State University) and Sharon Everhardt (Troy University)
- 4:00 ***A Geospatial Analysis of Low Food Security in the State of Alabama: Distributing Food to Meet Hunger*** Roshan Mark Singh Matharu (University of North Alabama)
- 4:20 ***Buffalo Restoration on Tribal Lands is a Food Sovereignty Movement*** Megan M. Davenport (West Virginia University)

PAPER SESSION

MC 225

Hazards, Risk, and Vulnerability II

Chair: Nicole S. Hutton (Old Dominion University)

- 3:00 ***Uninterrupted Access to Power: Temperature Regulations in Nursing Homes following Hurricane Irma*** Nicole S. Hutton and Michael J. Allen (Old Dominion University)
- 3:20 ***Unusually Devastating Tornadoes*** Tyler Fricker (Florida State University)
- 3:40 ***Environmental Factors Related to Accumulated Tornado Energy on the Most Prolific Days in the Largest 'Outbreaks'*** Zoe Schroder and James Elsner (Florida State University)
- 4:00 ***Statistical and Geospatial Analysis of Community Perceptions Towards Volcano Hazards and Risk Communication During a Prolonged Periods of Unrest at the Long Valley Caldera and Mono-Inyo Craters volcanic system, California, USA*** Justin Peers (East Tennessee State University)

- 4:20 ***Effects of Socioeconomic Characteristics on Exposure to Heat Advisory Conditions and Perception of Heat in Knoxville, Tennessee*** Alisa L. Hass and Kelsey N. Ellis
(University of Tennessee, Knoxville)

PAPER SESSION

MC 230

**Special Session: Shadowed Ground, 20 Years Later:
Commemorating US Landscapes of Violence and Tragedy**

Sponsored by AAG's Study of the American South Specialty Group

Organizers: Matthew Cook (Eastern Michigan University) and Ronald Schumann (University of North Texas)

Chair: Matthew Cook (Eastern Michigan University)

- 3:00 ***Patterns of Disaster Commemoration in Long-Term Recovery*** Ronald L. Schumann and Elyse M. Zavar (University of North Texas)
- 3:20 ***Dark Tourism and Pilgrimage in the Museum: Considering the Case of Emmett Till's Casket*** Matthew Cook (Eastern Michigan University)
- 3:40 ***A Typology of Spatial Narrative Strategies for Including Slavery at Southern Plantation Museums*** Stephen Hanna (University of Mary Washington)
- 4:00 ***Contested Memories of Race and White Supremacy in the South's "Capital of Cool": Interrogating Montgomery, Alabama's Urban Redevelopment in the Context of Memory Work*** Derek Alderman (University of Tennessee, Knoxville) and Joshua Inwood (Pennsylvania State University)
- 4:20 ***Interpreting "Shadowed Ground" in Museum Narratives*** Samuel Smith (University of Colorado, Boulder)
- 4:40 ***Buried in Bitterness: Race, Place, and Dislocated Memorialization at the Blue Grass Army Depot Cemeteries in Madison County, Kentucky*** Margaret M. Gripshover (Western Kentucky University).

Physical Geography and GIS

A Dendroecological Investigation of Red-Cockaded Woodpecker (*Leuconotopicus borealis*) and Longleaf Pine (*Pinus palustris*) Cavity Trees April L. Kaiser (Appalachian State University), Peter Soulé, Saskia van de Gevel (Appalachian State University), Arvind Bhuta (USDA Forest Service), Paul Knapp (University of North Carolina-Greensboro), and Jeff Walters (Virginia Tech)

Anthropogenic Modifications Along the Kissimmee River and Floodplain, Florida Megan Black and Joann Mossa (University of Florida)

ArcGIS as a Tool for Connecting Potential Jaguar (*Panthera onca*) Habitats in the Southwestern U.S. Ridwaana Saarah Allen (University of North Carolina at Greensboro)

Assessing the Impact of Additional Oblique Photos on UAS-based Topography Reconstruction Yingkui Li (University of Tennessee, Knoxville)

Climate-Growth Responses from *Pinus ponderosa* Trees Using Multiple Measures of Annual Radial Growth Peter Soule (Appalachian State University), Justin Maxwell (Indiana University), and Paul Knapp (University of North Carolina at Greensboro)

Climatological Analysis of Hazardous Precipitation in Knoxville, Tennessee, USA Daniel Burow and Kelsey Ellis (University of Tennessee, Knoxville)

Comparing Gridded Rainfall Estimates for Examining Hydroclimate Variability in the Southern Appalachian Region Johnathan Sugg (Appalachian State University)

Dendroarchaeology and the Dating of Old Farm Buildings on the Summers' Farm in Summerfield, NC Jeffy Catherine Summers (University of North Carolina at Greensboro)

Evaluating the Quality of Ground Surfaces Generated from Terrestrial Laser Scanning (TLS) Data Yanshen Sun and Lawrence Carstensen (Virginia Tech)

Frequency and Morphometry of Fluvial Islands in the North Carolina Piedmont Jennifer L Reynolds and Dan Royall (University of North Carolina at Greensboro)

Historical Drivers and Contemporary Perceptions of Wildfire in a Post-Industrial Rural Landscape Tom Saladyga (Concord University) and Alecea Standlee (Gettysburg College)

Impacts of a Large Flood (1,000 yr RI) on Woody Debris Loads in the North Fork River Basin, Missouri Derek J. Martin (Appalachian State University), Robert T. Pavlowsky (Missouri State University), Jacob Bendix (Syracuse University), Toby Dogwiler (Missouri State University), and Leah Bournival (Missouri State University)

Influence of Soil on Piedmont North Carolina Temperature Trends 1988-2017 James Roderick Blount (University of North Carolina at Greensboro)

Offender Vulnerability in Southern Mississippi: Modeling Coastal Hazards and Social Disorganization Ashleigh Nicole Price (University of Southern Mississippi)

North Atlantic Tropical Cyclone Precipitation Decreases Post Volcanic Eruptions: Evidence from North Carolina Longleaf Pine (*Pinus palustris* Mill.): AD 1790–2017 Paul A. Knapp (University of North Carolina Greensboro), Peter T. Soulé (Appalachian State University), and Justin T. Maxwell (Indiana University)

Perceived Impacts of Flooding and Landslides in Western North Carolina Abie Nicole Bonevac (Appalachian State University)

Potential of Thermal Infrared Remote Sensing for Source Apportionment of River Discharge and Detection of Groundwater Occurrence in the Mara Catchment Caroline Huguenin (University of Florida), Hans van der Kwast (Uneso IHE), and Tibor Stigter (Uneso IHE)

Remote Sensing Analysis of the Morphological Evolution of the Ganges-Brahmaputra-Meghna Delta Dinuke Sashi Munasinghe and Sagy Cohen (University of Alabama)

Response of Fluvial Suspended Sediment Fluxes and River Discharge to Future Climate Change on a Global Scale Nishani Poorna Moragoda and Sagy Cohen (University of Alabama)

The Role of Biotic Interactions in *Picea rubens* Regeneration in Upland Heath Barrens, Canaan Valley, WV Helen M. White and Lynn M. Resler (Virginia Tech)

Sedimentological and Geochemical Differences in Sediment Cores from the Same Relict Terrace Surface: Implications for Paleoflood Reconstruction Ray Lombardi (University of Alabama), Lisa Davis (University of Alabama), Lance Stewart (Murray State University), Gary Stinchomb (Murray State University), Steve Forman (Baylor University), and David Leigh (University of Georgia)

Socio-Hydrology of Levee Systems Along the Lower Illinois River Ali Alruzuq (University of Florida)

Spatio-Temporal Analysis of the Movement Behavior of White-Tailed Deer (*Odocoileus virginianus*) Using Camera-Traps Sandor Gladstone Dibble (University of North Alabama) and Jonathan Fleming (Samford University)

Spatio-Temporal Response of Aeolian Ripple Migration Characteristics to the Fluctuation of Wind Velocity Pei Zhang (University of Alabama), Douglas Joel Sherman (University of Alabama), Bailiang Li (Xi'an Jiaotong-Liverpool University), Jean Taylor Ellis (University of South Carolina), and Eugene Farrell (National University of Ireland Galway)

Towards the Development of a new Erosivity Equation Amobichukwu Chukwudi Amanambu (University of Florida)

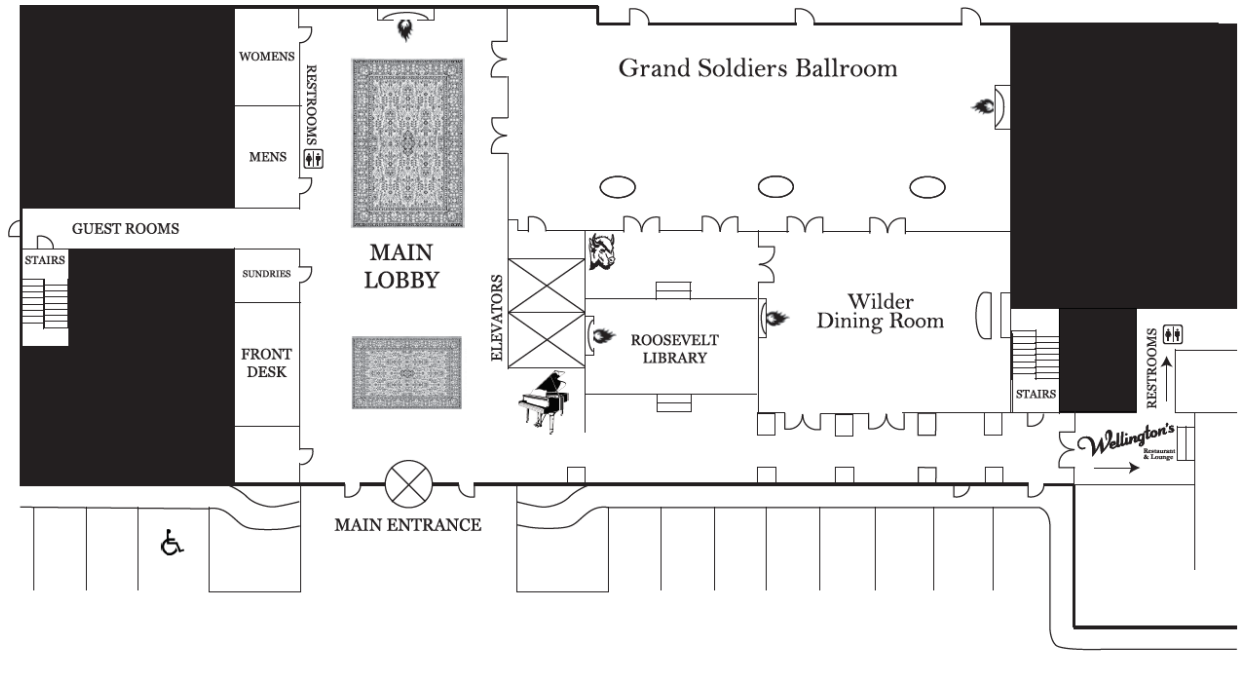
Tree-Ring Carbon Isotope Concentrations Respond Differently to Climate Variability than Tree-Ring Width in Mesic Temperate Forests Stockton Maxwell (Radford University), Soumaya Belmecheri (University of Arizona) and Alan H. Taylor (Pennsylvania State University)

Urban Growth Boundaries – A Perspective from the Developing World Pankaj R. Bajracharya (University of North Carolina at Greensboro)

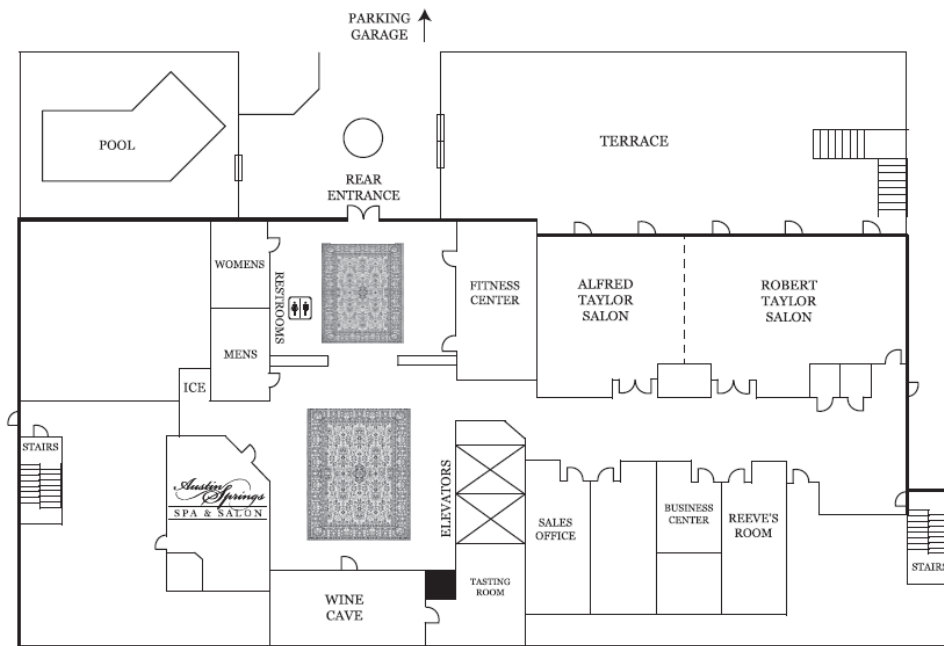
Water Quality and Quantity Data Collection in the Upper South Fork of the New River: Implications of Hurricane Florence Elizabeth Goughnour, Jeffrey Colby, Shea Turberty, Derek Martin, Cristina Sanders, Nick Kuntz, and Timothy Kinlaw (Appalachian State University)

VENUE FLOOR PLANS

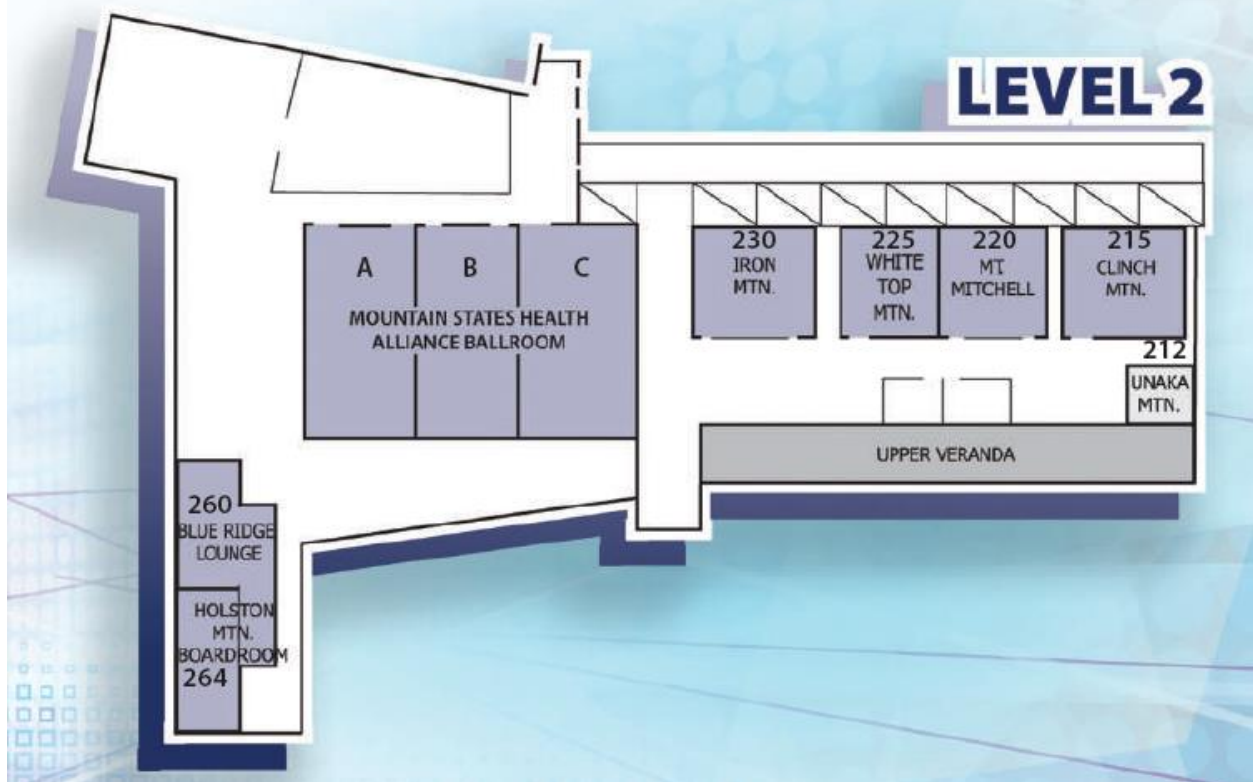
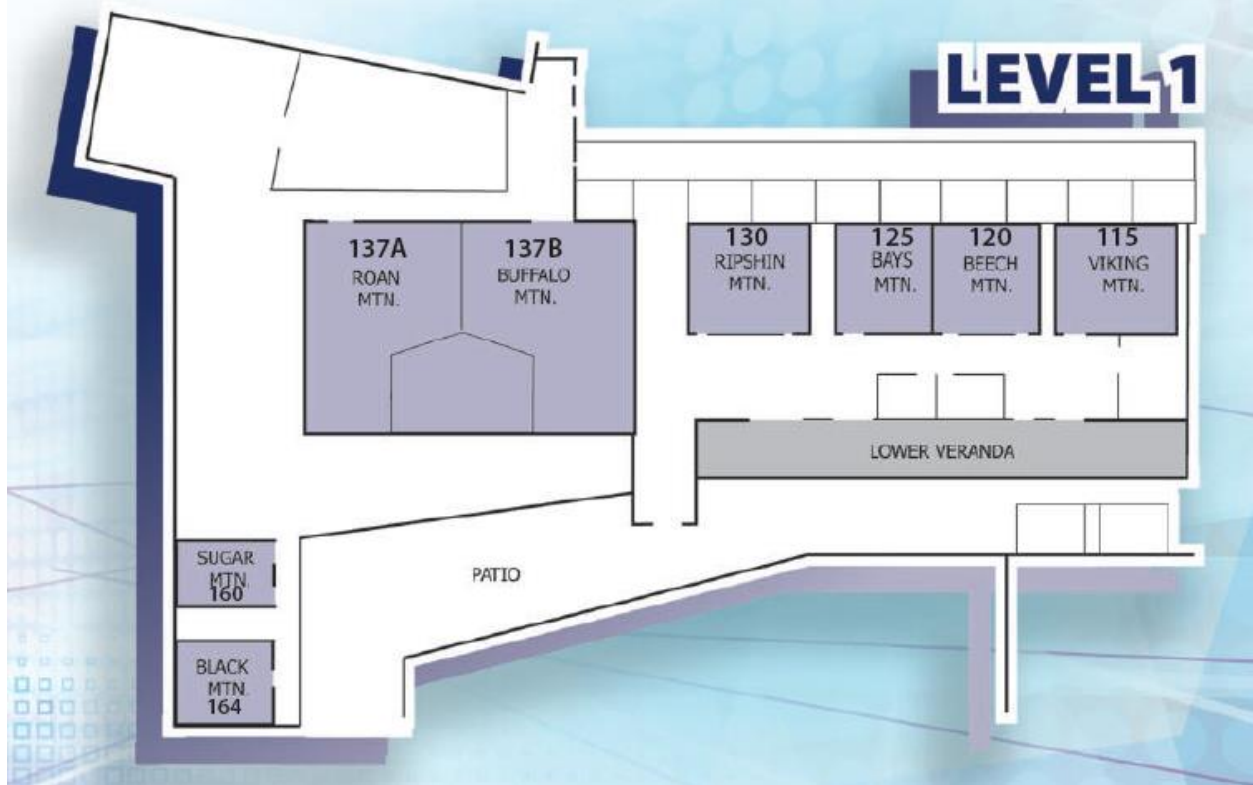
CARNEGIE HOTEL MAIN LEVEL



CARNEGIE HOTEL LOWER LEVEL



*MAP NOT TO SCALE

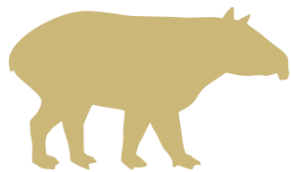


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