

**SOUTHEAST RECREATION RESEARCH
47th Annual Conference**

March 23rd – 25th, 2025

**Brasstown Valley Resort & Spa
Young Harris, Georgia**

<http://serrconference.org>

Conference Sponsors

Smokey Mountains (Gold)



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AUBURN UNIVERSITY
College of Forestry, Wildlife and Environment
Parks and Recreation Management



**SOCIETY OF
OUTDOOR RECREATION
PROFESSIONALS**

CONFERENCE PROGRAM

Sunday, March 23rd, 2025

3:00-6:00 PM Registration in Business Center (located in the main conference hallway)

4:30-4:40 Welcome by Allie McCreary, President and Ryan Sharp & Michael Brunson, Conference Co-Chairs
Room: Trackrock

4:45-5:45 Session 1.1 TOURISM INFRASTRUCTURE, ECONOMICS & SOCIAL IMPACT
Room: Trackrock (Moderator: Bynum Boley)

4:45-5:05 **Cultivating Connections: Leveraging Tourism Partnerships for Responsible Recreation.** Krista White (NC State University) & Whitney Knollenberg (NC State University)

5:05-5:25 **Surfonomics in Bocas del Toro, Panamá: Estimating the economic, social, and environmental value of surf tourism in a tropical island ecosystem.** Zea Segnitz (Northeastern University); Joseph DeGraw (Whitman College); Sophia Kishimoto (University of San Francisco); & Julia Lynch (St. Michael's College)

5:25-5:45 **Science Tourism: A Review Within the Context of Recreation Research.** Sagbetullah Meric (Van Yuzuncu Yil University) & Elizabeth E. Perry (Michigan State University)

4:45-5:45 Session 1.2 HUMAN DIMENSIONS & NATURAL RESOURCE MANAGEMENT
Room: Salons 3/4 (Moderator: Wayde Morse)

4:45-5:05 **Off the Beaten Path: Exploring the Effects of Off-Highway Vehicle Use on Wildlife Populations.** Abigail Lourdraj (University of Tennessee) & Ryan Sharp (University of Tennessee)

5:05-5:25 **Integrating Human and Environmental Benefits into Ecosystem Restoration: Insights from the Great Lakes Restoration Initiative.** Matthew Jurjonas (Auburn University); Christopher May (GEI Consultants); Bradley Cardinale (Penn State University); Stephanie Kyriakakis (The Nature Conservancy); Douglas Pearsall (The Nature Conservancy); & Patrick Doran (The Nature Conservancy)

5:25-5:45 **Human dimensions of mountain lion management in the Great Basin National Park and surrounding areas.** Isabelle Staph (University of Tennessee) & Ryan Sharp (University of Tennessee)

6:30 – 7:30 Dinner in Creekside Pavilion

7:30 – 9:00 S'mores & Drinks by the Fire (Sunset Pavilion)

Monday, March 24th, 2025

7:45-8:45 AM Breakfast in Main Dining Room

9:00-10:20 Session 2.1 HEALTH & WELLBEING FOR RECREATIONISTS
Room: Salons 1/2 (Moderator: Michael Brunson)

9:00-9:20 **Using Location Based (Cell) Data to Examine Impacts to Park Visitation from a Public Health Emergency.** Robert Martin (Clemson University) & Jeffrey Hallo (Clemson University)

9:20-9:40 **The Impact of a Forest Therapy Class on College Students' Well-Being.** Hsuan Hsieh (Clemson University) & Matt Brownlee (Clemson University)

9:40-10:00 **Ebbs, Eddies, and Pockets of Stillness: Rediscovering Leisure.** Joseph A. Pate (Young Harris College) & Brian E. Kumm (University of Wisconsin-La Crosse)

10:00-10:20 **Perceptions, Attitudes, and Knowledge of Electric-Assist Mountain Bikes on Single-Track Mountain Bike Trails.** Ryan Zwart (UT-Chattanooga); Ryan Hines (Northern Michigan University); Scott Jordan (Northern Michigan University); & Megan Nelson (Northern Michigan University)

9:00-10:40 Session 2.2 OUTDOOR RECREATION AND TECHNOLOGY
Room: Salons 3/4 (Moderator: Allie McCreary)

9:00-9:20 **The Impact of Smartphone Use on Goal Attainment in Outdoor Recreation.** J.T. Schexnayder (University of Georgia) & Bynum Boley (University of Georgia)

9:20-9:40 **Utilizing Cell Phone Mobility Data and Surveys to Understand Long-Distance Trails: A Lewis and Clark NHT Case Study.** Taylor Bogucki (University of Tennessee); Madison Janes (University of Tennessee); Abby Lourdraj (University of Tennessee); Isabelle Staph (University of Tennessee); Katie Smith (University of Tennessee); & Ryan Sharp (University of Tennessee)

9:40-10:00 **Risk Behaviors and Personal Locator Beacons in the Outdoors.** Jeremiah Garretson (Radford University) & Joshua Roe (Radford University)

10:00-10:20 **Public comments, project objections, and deliberative democracy: Can deliberative discourse predict the likelihood of objections to a project?** Dani Dagan (Oak Ridge Institute for Science and Education); Matthew Brownlee (Clemson University); Sonya Sachdeva (USDA Forest Service, Northern Research Station); Aby Sene-Harper (Clemson University); Taylor Bogucki (University of Tennessee); & Cait Henry (Michigan State University)

10:20-10:40 **Spatiotemporal Visitor Behavior in North Inlet-Winyah Bay, USA, Using Digital Mobility Data.** David White (Clemson University); Matt Brownlee (Clemson University); & Erik Smith (University of South Carolina)

Monday, March 24th, 2025

11:00 -12:15

Session 3.1 THE EVOLUTION OF DATA COLLECTION AND ANALYSIS FOR STATEWIDE COMPREHENSIVE OUTDOOR RECREATION PLANS (SCORP)
Room: Salons 1/2 (Moderator: Ryan Sharp)

Introduction and overview of SCORPs and data collection and analysis. Rachel Franchina (Society of Outdoor Recreation Professionals)

Activity participation inside and outside your community. Understanding recreation participation from the Outdoor Recreation Access and Participation Survey (ORAPS) on the Alabama SCORP. Wayde Morse (Auburn University)

Innovative Sampling in Vermont: Comparing Panel Surveys to Engaged User Respondents for SCORP Planning. Michael Bradley (Arkansas Tech University)

12:30 – 1:30

Lunch (Creekside Pavilion)

1:30 – 3:00

Outdoor Activity Time: Explore the resort grounds! Two options:

Miller Trek: Begin at Brasstown Valley Resort & Spa on this loop trail into the Chattahoochee National Forest and back. The 6.5-mile trail is blazed in blue/green and has a 2.5-mile loop for hikers who prefer a shorter hike. These blue/green blazed trails will bring you back to Brasstown Valley Resort & Spa any direction you travel. Along the trail you'll be in shaded hardwood forest with Tuliptree, Red Maple, White Oak, and Black Locust trees and seasonally flowering foliage. You may see White-Tailed Deer, Red and Gray Fox, Flying Squirrels and Black Bears. Remember: Always stay on the trail for your protection and for the preservation of nature. Leave no trace. Come away with memories and photos! **Hiking maps located at the Front Desk.**

Go Fishing: A serene pond and stream onsite invites beginners and pros to cast a line. Complimentary equipment is available in the Pro Shop. Fishing licenses are required for ages 16 and older and can be purchased online. Complimentary computer use is available at our business center.



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Congratulations to our 2025 Scholarships Winners!

Sarah Krzemien, Michigan State University

Abby Lourdraj, University of Tennessee

Alison Markham, Young Harris College

Zea Segnitz, Northeastern University

Krista White, North Carolina State University

Monday, March 24th, 2025

3:30 – 4:50 Session 4.1 INCLUSIVE OUTDOOR RECREATION
Room: Salons 1/2 (Moderator: Wayde Morse)

3:30 – 3:50 **Intersecting Identities: Investigating Effects of Multiple Hierarchy Stratification Perspective on Visitor Activity Participation.** Kale Wernsing (Clemson University); Jessy Wilkes (Kansas State University); Ryan L. Sharp (University of Tennessee); Elizabeth E. Perry (Michigan State University); Chris Zajchowski (University of Idaho); Mathew Brownlee (Clemson University); & Robert Powell (Clemson University)

3:50 – 4:10 **Recreating together: Displacement types and how they vary in multigenerational households.** Sarah Krzemien (Michigan State University); Erin Budzyn (Michigan State University); Elizabeth Perry (Michigan State University); Alyssa Thomas (U.S. Forest Service); Jose Sanchez (U.S. Forest Service); Brian Peterson (Kansas State University)

4:10 – 4:30 **Reimagining Outdoor Recreation: An Analysis of Brand Approaches to Increasing Diversity Amongst U.S. Outdoor Pursuit Participants.** Alison P. Markham (Young Harris College)

4:30 – 4:50 **Empowering Coastal Youth through Storytelling and Climate Change Education in Bangladesh.** Mondira Bardhan (Clemson University); Mathew H. E. M. Browning, (Clemson University); Bishawjit Mallick (Utrecht University); Theresa Melton (Clemson University); Olivia E. McAnirlin (Clemson University)

3:30 – 4:50 Session 4.2 PLANNING FOR REC. OPPORTUNITIES & ORGANIZATIONS
Room: Salons 3/4 (Moderator: Michael Brunson)

3:30 – 3:50 **Adulting the Outdoor Industry: A state of the industry report from Chattanooga.** Andrew Bailey (UT-Chattanooga); Ailene Le (University of Tennessee); Maggie Blevins (University of Tennessee); & Annie Harrison (University of Tennessee)

3:50 – 4:10 **Engaging State and Regional Leaders in the Alabama Statewide Comprehensive Outdoor Recreation Planning Process.** Allie McCreary (Auburn University)

4:10 – 4:30 **An Eastern Gateway Community Typology.** Katie Smith (University of Tennessee)

4:30 – 4:50 **Freshening up the Framework of Outdoor Recreation Management.** Jonathan Williams (University of Florida) & Taylor Stein (University of Florida)

5:15 – 6:30 Poster session in the Conference Hallway

6:30 – 7:30 Dinner & Awards in Creekside Pavilion

7:30 – 9:00 S'mores & Drinks by the Fire (Sunset Pavilion)

POSTER PRESENTATIONS

- **Forest.edu: Understanding communication and collaboration lessons and challenges from university and school forests staff and managers in the US.** Elizabeth D. Baldwin (Clemson University); William Durham (Clemson University); Alex Jones (Clemson University); Jonah Holbrooks (Clemson University); Rob Martin (Clemson University); Amber Williams (Clemson University); Katie Blondeau (Clemson University); Dylan Burnett (Clemson University); & Tillman Thompson (Clemson University)
- **Dialogue of Place: understanding communication of and with the Clemson Experimental Forest through signs and physical elements on the landscape.** Elizabeth D. Baldwin (Clemson University); Seth Gibbons (Mt. Airy Museum of Regional History); Tillman Thompson (Clemson University); Amber Williams (Clemson University); & Katie Blondeau (Clemson University)
- **Got Pigs? Landowner Experiences and Preferences for Management of Feral Pigs in Georgia.** Mayece Barnaby (University of Georgia); Bynum Boley (University of Georgia); & Gino D'Angelo- (University of Georgia)
- **Shrubsteppe birds under fire: Establishing a baseline for post-wildfire habitat restoration in eastern Kittitas County, Washington.** Kevin Clements (Central Washington University) & Jennifer Lipton (Central Washington University)
- **Quantifying the Impact of Wildfires on National Park Attendance: Data-Driven Insight to Cost Recovery Solutions.** Payton Egan (Appalachian State University); Erik Rabinowitz (Appalachian State University); & Bhuwan Thapa (Appalachian State University)
- **Measuring Attitudes of Long Distance FNST Hikers Regarding Anthropogenic Climate Change.** Anastasia Godfrey (University of Florida); Maya Lander (University of Florida); & Taylor V. Stein (University of Florida)
- **Comparing motivations and age of thru-hikers on the Florida National Scenic Trail.** Emma Hair (University of Florida); Daniel Longo (University of Florida); Rameen Awan (University of Florida); & Taylor V. Stein (University of Florida)
- **Does Thematic Interpretation Improve Visitor Outcomes?** Amber Hawes (Clemson University); Robert B. Powell (Clemson University); Marc J. Stern (Virginia Tech); & Kelley Anderson (Virginia Tech)
- **Environmental and Economic Impacts of Hurricane Helene on the Blue Ridge Parkway.** Madi Heater (Appalachian State University) & Erik Rabinowitz (Appalachian State University)
- **Students' Interpretations of Wilderness from a Contemporary Cultural Lens.** Lydia Heisel (Clemson University) & Matt Brownlee (Clemson University)
- **Organizational Practices Impact on Interpreter Motivation and Interpretive Program Performance.** Jessica Henry (Clemson University); Bob Powell (Clemson University); & Marc Stern (Virginia Tech)
- **On the Fence: Modifying Residential Fences for Deer Safety.** Lisa Jorge (University of Georgia); Bynum Boley (University of Georgia); Gino D'Angelo (University of Georgia); & George R. Goto (University of Georgia)
- **Enhancing Wildfire Preparedness in Recreational Camps: Developing Effective Emergency Action Plans and Evacuation Protocols.** Cadence Peters (Appalachian State University) & Erik Rabinowitz (Appalachian State University)
- **The Correlation of Recreation in Youth and Reducing Offending and Recidivism.** Isabel Schniper (Appalachian State University) & Erik Rabinowitz (Appalachian State University)
- **Air Quality at the Climbing Gym.** Makenzie Sorrell (Appalachian State University); Erik Rabinowitz (Appalachian State University); Antonio Aguayo (Appalachian State University); & Max Eugster (Appalachian State University)
- **Integrating GIS and GPS Technologies for Outdoor Recreation: Enhancing Navigation, Safety, And Park Management Applications.** Taylor Grace Thomas (Young Harris College)
- **Iterative Results: A Framework for Assessing Managers' Perspectives on Visitor Survey Data Use in Implementing Change.** Kale Wernsing (Clemson University) & Matthew Brownlee (Clemson University)

Tuesday, March 25th, 2025

7:45-8:45 AM	Breakfast in Main Dining Room
9:00-10:20	Session 5.1 TOURISM INFRASTRUCTURE, ECONOMICS & SOCIAL IMPACT Room: Salons 1/2 (Moderator: Bynum Boley)
9:00-9:20	Strengthening community cycling ecosystems through small grants. Trevor Romans (Clemson University); Charles Chancellor (Clemson University); Thomas Clanton (Clemson University); Tiffany Rhodes (Clemson University); & Sunwoo Park (Clemson University)
9:20-9:40	Bad news spreads faster than good news, but does it have a stronger impact? – An Experimental Study Testing the Attenuating Effect of Social Media over Destination Stereotypes. Sabrina Rahman (University of Georgia) & Bynum Boley (University of Georgia)
9:40-10:20 & 10:20-10:40	The Sustainability of Seismic Tourism Infrastructure Developments: Porters and Trekker’s Reaction to the Proposed Cable Car Development on Mount Kilimanjaro National Park in Tanzania. Philip Chitaunga (University of Georgia); Bynum Boley (University of Georgia); Gary Green (University of Georgia); Kyle Woosnam (University of Georgia); & Elizabeth King (University of Georgia)
9:00-10:20	Session 5.2 VISITOR USE & VISITOR PERCEPTIONS Room: Salons 3/4 (Moderator: Taylor Stein)
9:00-9:20	The sensitivities and adaptive capacity of public lands visitors. Alia Dietsch (The Ohio State University) & Jackie Delie (The Ohio State University)
9:20-9:40	Normative Perceptions and Trail Management: A Study of Off-Highway Vehicle (OHV) Users in Tennessee Forests. Madison Janes (University of Tennessee) & Ryan Sharp (University of Tennessee)
9:40-10:00	Using Visitor Input for Understanding and Managing Visitor capacity at Public Day Use Areas. Innocent Kahigana (Clemson University) & Jeffrey Hallo (Clemson University)
10:00-10:20	Culturally-Informed Visitor Use Management: Differences in Park Capacity and Experience Perceptions. Louis A Santiago Brevan (Clemson University); Innocent Kahigana (Clemson University); Olalekan Tunde-Ajayi (Clemson University); & Jeffrey Hallo (Clemson University)
10:30-10:40	Closing Remarks by Allie McCreary, President and Ryan Sharp & Michael Brunson, Conference Co-Chairs in Salons 1&2

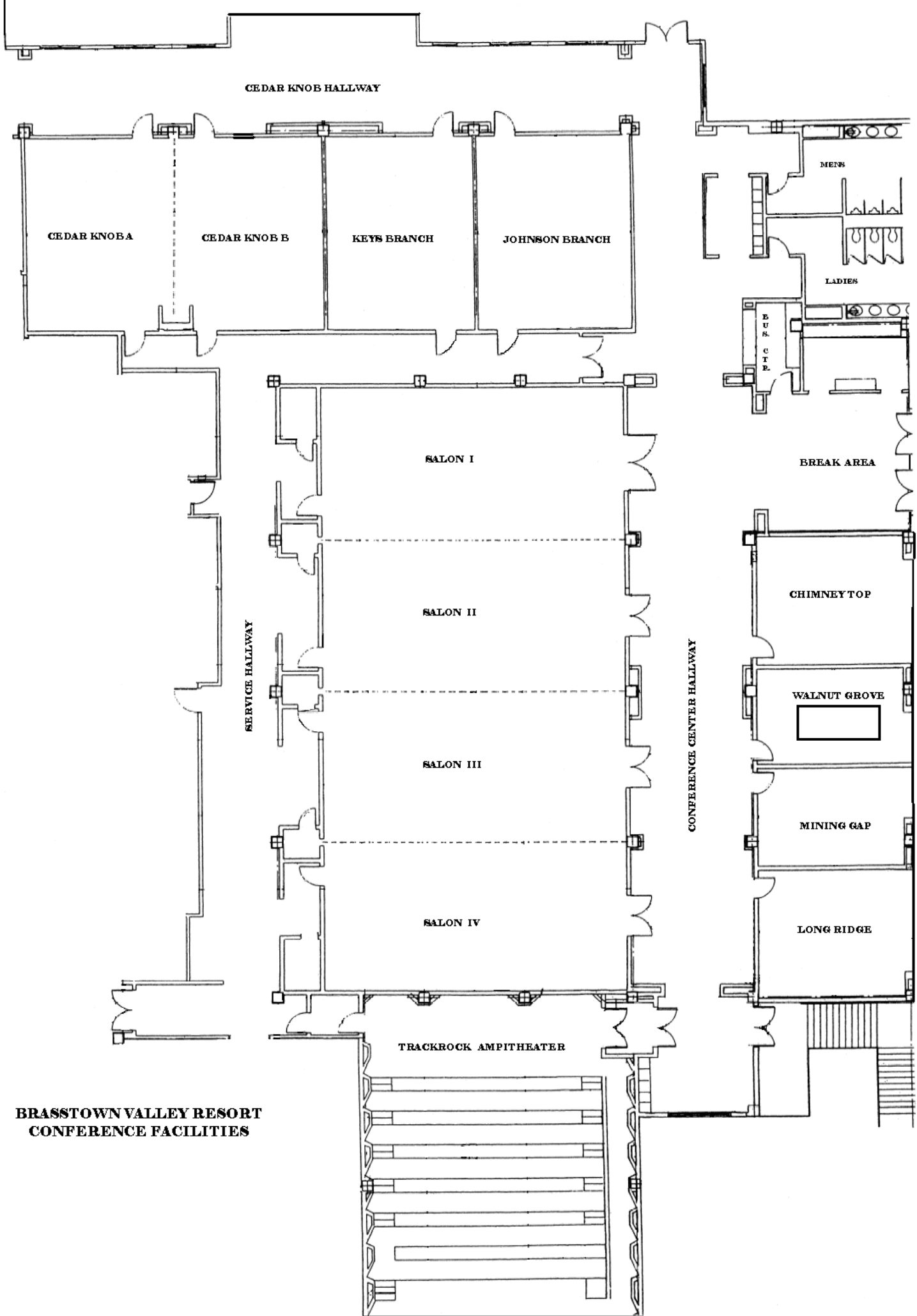
The 47th SERR Conference Organizing Committee

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Bynum Boley – Treasurer (University of Georgia)
Ryan Sharp – Sponsorships & Co-chair (University of Tennessee)
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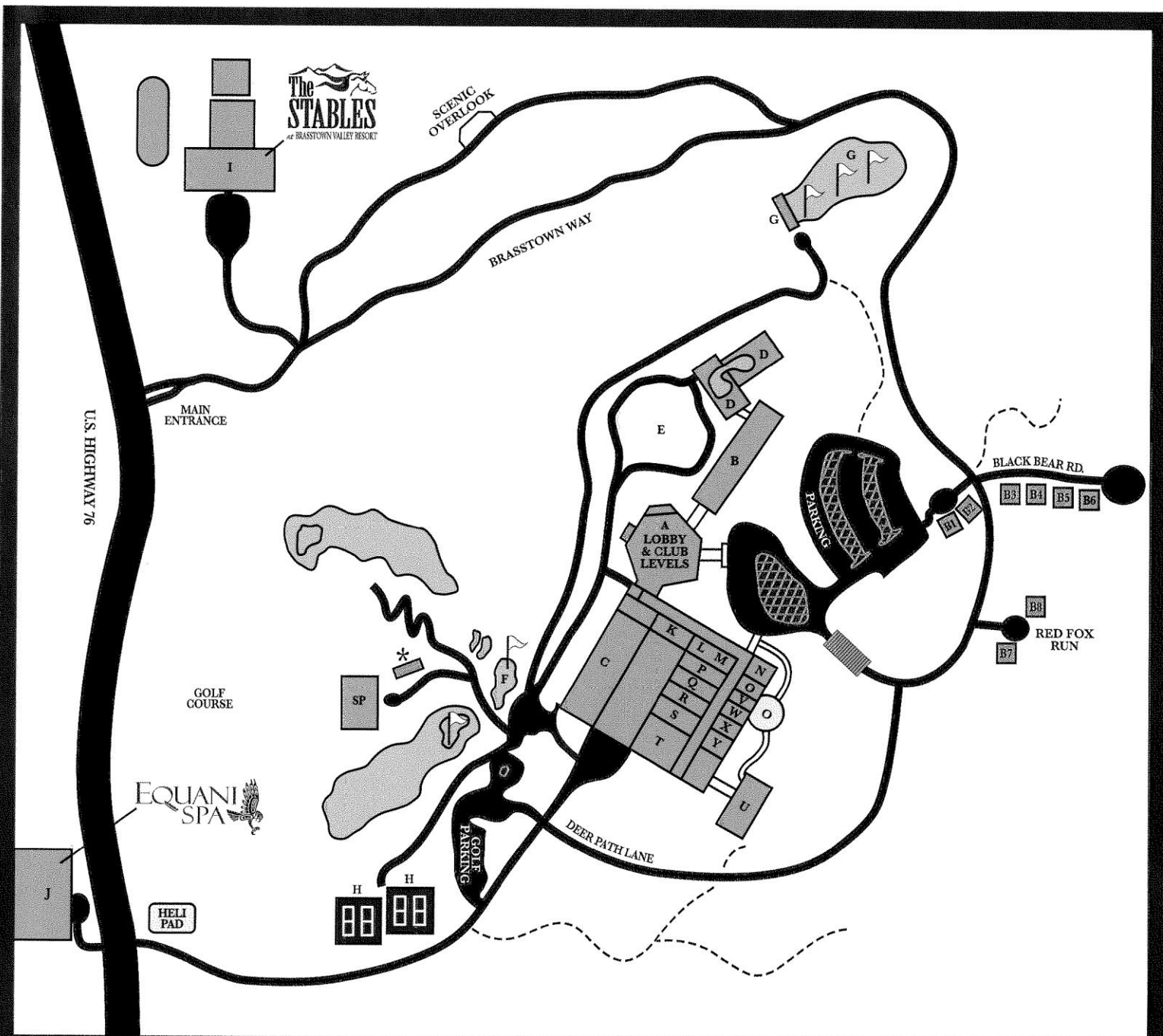


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**BRASSTOWN VALLEY RESORT
CONFERENCE FACILITIES**



BRASSTOWN VALLEY RESORT

- | | | | |
|--|---|---|--|
| A - Lobby Level
Front Desk
Business Center
Bellstand
Fireside Lounge
Leisure Services | B - Lodge Guestrooms
Floors 2-5
B1-8 - Cottages | K - Cedar Knob A & B
L - Keys Branch
M - Johnson Branch
N - Group Registration
O - Break Area & Patio
P - Ballroom Salon 1
Q - Ballroom Salon 2
R - Ballroom Salon 3
S - Ballroom Salon 4 | T - Trackrock Theater
U - Creekside Pavilion
V - Chimney Top
W - Walnut Grove
X - Mining Gap
Y - Long Ridge
SP - Sunset Pavilion
* - Volleyball & Horseshoes
----- Hiking Trails |
| A - Lower Club Level
ProShop/Country Store
Brassies Sports Grill
Art Gallery
Game Room
Fitness Center | C - The Dining Room
D - Indoor/Outdoor Pool
E - Waterfall Lawn
F - Putting Green & 1st Tee
G - Golf Driving Range
H - Tennis Courts
I - The Stables & Tack Room
J - Equani Spa | | |