The 25th Annual Northeastern Recreation Research Symposium
Schedule of Presentations and Events

April 7-9, 2013
Cooperstown, NY
## 2013 NERR Steering Committee Members

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**Special THANKS to our State University of New York-ESF coordinating staff:**

Terry Sakowski  
Katherina B. Searing  
Sean C. Nicholson  
Howard Hollander
**Sunday, April 7, 2013**

12:00 – 5:00 p.m. **Registration (Lobby)**

1:00 – 1:20 p.m. **Welcome and Opening Remarks (Ballroom)**

*NERR Chair, Edwin Gómez, Old Dominion University*

1:30 – 3:00 p.m. **Session I**

**Session I-A: Rural Tourism & Wildlife Recreation (Kingfisher Room)**

*Facilitator: Carla Barbieri*

- Rural Community Tourism in El Salvador: A Case Study of La Mora. Sofía Meléndez & Brijesh Thapa, University of Florida.
- Wildlife Related Recreation: Urban & Rural Perceptions. Hungling Liu, Oklahoma State University; Michael J. Bradley, Eastern Kentucky University.
- The Role of Emotions in Human-Coyote Interactions. Carly Sponarski & Alistair J. Bath, Memorial University; Jerry J. Vaske, Colorado State University.

**Session I-B: River Recreation (Four Winds Room)**

*Facilitator: Rob Bristow*

- Wild & Scenic River Recreation Use. Robert C. Burns, West Virginia University.
- Recreation Specialization of Whitewater Recreationists on the North Umpqua Wild. Silvia Kainzinger, West Virginia; Arne Arnberger, University of Natural Resources & Life Sciences, Vienna (BOKU Vienna); Robert C. Burns, West Virginia University.

**Session I-C: Planning & Visitor Management I (Council Rock Room)**

*Facilitator: David Klenosky*

- Seasonality of Travel: Boundary Terms & Patterns in Search & Tourism Behavior. Rod Warnick & Elizabeth Cartier, University of Massachusetts at Amherst.
- Understanding Wine Tourist’s Motivations & Travel Patterns in Michigan’s Leelanau Peninsula. Leanna Popp, Dan McCole, Donald Holecek, & Eunseong Jeong, Michigan State University.
Session I-D: Leisure, Health & Physical Activity (Natty Bumppo Room)

Facilitator: Christine Vogt

- Urban Adventure Racing: Using Grounded Theory to Assess Motives. Eddie Hill, Edwin Gómez, Old Dominion University; Brandi Brinkley, Family YMCA of Emporia-Greensville; Marni Goldenberg, California Polytechnic State University.
- Determinants of Leisure Time Physical Activity Participation of Rural Youth. Clifton Watts, Justin Moody, & Kindal Shores, East Carolina University.
- Development of Point-of-Decision Prompts to Promote Park-Based Physical Activity. Lisa Groshong, Sonja A. Wilhelm Stanis, University of Missouri; Andrew T. Kaczynski, University of South Carolina; J. Aaron Hipp, Washington University in St. Louis.

P.M. Break

Session II-A: Sustainable Tourism & the Environment (Kingfisher Room)

Facilitator: Alan Graefe

- Understanding Visitor Demand & Service Provider Perception of Green travel in West Virginia. Doug Arbogast & Kudzayi Maumbe, West Virginia University.

Session II-B: Urban & Municipal Recreation I (Four Winds Room)

Facilitator: David Klenosky

- Exploring Attitudes & Visitation at Freshkills Park: A Landfill-to-Park Site on Staten Island, NYC. Stephanie Snyder, USDA Forest Service, Norther Research Station; David B. Klenosky, Purdue University; Christine A. Vogt, Michigan State University; Lindsay K. Campbell, USDA Forest Service, Northern Research Station.
Sunday, April 7, 2013

4:45 – 6:15 p.m.  

**Poster Session (Fennimore Room)**

- Attention-Deficit Hyperactivity Disorder & Exposure to Nature in College Students. Laura Thal & Sonja A. Wilhelm Stanis, University of Missouri.
- Benefits, Downsides, & Barriers to Hiring Young Adults in a Natural Resource Management Agency. Kelly Balcarczyk, Dave Smaldone & Steve Selin, West Virginia University.
- The Camp Sojourner Experience: Staff Development through work at a Girls’ Leadership Camp. KC Bloom & Colleen Cody, Salem State University.
- Day versus Overnight Wilderness Users: A Study at Olympic National Park. Warren Vinson Pierce,III, Robert Manning, University of Vermont
- The Effectiveness of Live Music as an Interpretive Technique. Austin Barret & Andrew Mowen, The Pennsylvania State University.
- Exploring Homesickness within Sense of Community Formation on Outdoor Trips. Garrett Hutson, Brock University; Sharon Todd, SUNY Cortland; Andy Young, SUNY Cortland; Lynn Anderson, SUNY Cortland; Mary Breunig, Brock University; Tim O’Connell, Brock University.
- From Education to Impact: The Effects of Messaging on Environmental Conditions. Charlie Jacobi, Acadia National Park, National Park Service; Nathan Reigner, University of Vermont; Laura Anderson, University of Wisconsin - Stevens Point; Jeff Marion, Virginia Tech/USGS; Robert Manning, University of Vermont.
- Gap Year Barriers & Benefits. Rui Qian & Philip Wang, Kent State University.
- The Health & Well-being Benefits of Parks & Other Forms of Protected Areas. Christopher Lemieux & Paul F.J. Eagles, University of Waterloo; D. Scott Slocombe, Wilfrid Laurier University; Sean T. Doherty, Wilfrid Laurier University; Steven Mock, University of Waterloo.
- Lost in Translation? Seasonal Forecasting for North Carolina Tourism Businesses. Emily Ayscue Alex Naar & Scott Curtis, East Carolina University.
- On Thin Ice: Impacts of Ice Management Devices on Water Quality & Ice Fishing on Lake George, NY. Nicholas Gianetti & Jean Mangun, Siena College.
- Outdoor Orientation Programs & Transition to College Life. Robby Cooper, Washington State University; Alan Graefe, Andrew Mowen, Harry Zinn & Ed Yoder, Penn State University.
- Philmont Scout Ranch: The Impacts of Working at a Boy Scout Summer Camp on College Age Staff. KC Bloom & Patrick Lynch, Salem State University.
- A Pilgrimage to Place: Exploring the Significance of Pilgrim at Tinker Creek. Ryan Howard, Lucas Cooper & Garrett Hutson, Brock University.
- Leisure Lifestyle & Health in an Aging Village-Kitanakagusuku in Okinawa, Japan. Erwei Dong, University of South Alabama; Masashi Arakawa, University of Ryukyus, Okinawa, Japan.
- Possible Success of the Chico Mendes Scenic Trail, a Community-Based Tourism Case in Acre, Brazil. Thiago Souza, Chico Mendes Institute of Biodiversity Conservation (ICMBio) Brazil & University of Florida.
Sunday, April 7, 2013

4:45 – 6:15 p.m. \textit{Poster Session (continued) (Fennimore Room)}

- A Recreation Needs Assessment to Help Change Rural Blight into a Recreational Complex. Zachary Ryerson, Candice Riley, Chad Pierskalla & Kudzayi Maumbe, West Virginia University.
- Recreation Settings, Desired Experiences, & Previous Visitation to the Site. Peter Fix, University of Alaska, Fairbanks; Joshua Carroll, Radford University.
- Returning Home from the Wild: Participants’ Experience of Re-entry from Extended Wilderness Trips. Lucas Cooper, Brock University.
- Social & Experiential Impacts of Driving on the Beach: Human Dimensions of ORV use at Cape Lookout. Hans Vogelson, East Carolina University.
- Understanding Attitudes of Japanese Small Island Residents toward Tourism Development. Gail Vander Stoep, Michigan State University; Kaoruko Miyakuni, University of the Ryukyus, Okinawa, Japan.
- Understanding the Vermont Visitor: A Collaborative Effort to Collect Visitor Information in Vermont. William Valliere & Lisa Chase, University of Vermont Extension; Gregory Gerdel, Vermont Department of Tourism & Marketing.
- The United States as an Educational Travel Destination. Gui Quan & Philip Wang, Kent State University; Lixin Zhu & Yunyao Zhang, Chongqing Normal University; Renjun Zhang, Chongqing University of Technology.
- A Walk in the Woods: An Analysis of Trail Management & Function in Three Syracuse Parks. Catherine Ponte, SUNY ESF.
- When the Night has Come: The Aesthetics of Nocturnal Travel. Jiayi Wang & Philip Wang, Kent State University.

6:30 – 8:30 p.m. \textit{Buffet Dinner (Main Dining Room)}

7:15 p.m. \textit{Founder’s Forum Speaker}

\textit{Ellen Drogin Rodgers, George Mason University}
Monday, April 8, 2013

7:00 a.m. – 5:30 p.m. Registration (Lobby) (Closed during lunch) (Coffee available at 7:00a.m.)

8:00 – 9:30 a.m. Session III

Session III-A: Measurement & Methodological Approaches (Kingfisher Room)

Facilitator: Eddie Hill

- Economic Impact & Significance Studies: Research Measurement. Rod Warnick, University of Massachusetts at Amherst; David Bojanic, University of Texas at San Antonio.
- Using Travel Distance to Segment Event Participants. I-Chun Wu, Michigan State University; I-Yin Yen, I-Shou University; Alvin Yu, St. Cloud State University.

Session III-B: Wildlife Management (Four Winds Room)

Facilitator: Gail Vander Stoep

- Invasive vs. non-native species: Does terminology influence visitor perceptions? Michael Bullock & Diane Kuehn, SUNY ESF; Tom Hughes, New York State Office of Parks, Recreation & Historic Preservation.
- Alcohol, Apathy, & Arrogance: Examining the Effectiveness of the Stop Aquatic Hitchhikers! Campaign. Erin Seekamp, North Carolina State University; Natalie Mountjoy, Southern Illinois University.

Session III-C: Planning & Visitor Management II (Council Rock Room)

Facilitator: Robert Burns

- An Analysis of Recreation User Perceptions: Crowding, Conflict, & Satisfaction at Diamond Lake, OR. Christopher Caplinger & Robert C. Burns, West Virginia University.
- A Comparison of Compensation Patterns for Resort Recreation Professionals 2000 - 2012. Andrew Holdnak, University of West Florida; Scott Rood, Grand Valley State University; Kate Price, GoPlay Inc.
- Expectations, Crowding, & Norms for Different Types of Recreationists at Five State Parks in Massa. Mary Allen, David K. Loomis, & Shona K. Paterson, East Carolina University.

9:30 – 10:00 a.m. A.M. Break (Coffee and refreshments)
**Monday, April 8, 2013**

10:00 – 11:30 a.m.  

**Session IV: Roundtables & Management Presentations**

- **Rock Climbing Research and Management in the 21st Century: Where Are We Headed Now?** Garrett Hutson, Brock University; Aram Attarian, North Carolina State University; David Smaldone, West Virginia University; Paul Heintzmen, University of Ottawa; Tony Berlier, Ontario Climbing Access Coalition. *(Kingfisher Room)*

  The purpose of this session is to highlight and problematize current climbing management efforts and research at specific areas in North America. Specific cases for discussion will include: Gatineau Park, Quebec; the Niagara Glen Nature Reserve, Ontario; the New River Gorge, West Virginia; and various other North American locations. Each author will present for ten to fifteen minutes on a different case or historical perspective. The lead author will keep track of emerging themes to guide subsequent discussion.

- **Craft Breweries and Beer Enthusiasts: An Emerging Trend with Implications for Outdoor Recreation.** Andrew Mowen & Alan Graefe, The Pennsylvania State University; David Graefe, Marshall University; Alison Murray, Michael Ferguson & Kyle Olcott, The Pennsylvania State University. *(Four Winds Room)*

  The purpose of this roundtable discussion will be to discuss the relevance of craft breweries and craft beer enthusiasts (e.g., beer geeks) to local recreation, environment, and tourism organizations. This session will provide a background on the re-birth of craft or micro breweries, their involvement in environmental and recreation causes, their shared commitment to sustainability, and their economic contributions to local communities using Pennsylvania and North Carolina breweries as case studies. This roundtable will conclude with a discussion of future research needs, managerial applications, and strategies.

- **Engaging in Multistate Research: An Overview of and Invitation to Join NE1962.** Christine Vogt, Michigan State University; Erin Seekamp, North Carolina State University; Dennis Propst, Michigan State University; Fred Servello, University of Maine. *(Council Rock Room)*

  This management session will describe the newly approved USDA National Institute of Food and Agriculture (NIFA) multistate research project on outdoor recreation and parks. The original conveners, some of the contributors, and experienced researchers and administrators will offer advice on how we should proceed to use this document and the federal government affiliation to expand the contribution and reach of our research. Ways for becoming involved and the benefits a researcher or student might expect will be discussed.

- **Tourism and Recreation Initiatives in Rural Communities.** Clifton Watts & Paige Schneider, East Carolina University; Dan McCole & Christine Vogt, Michigan State University *(Natty Bumppo Room)*

  The proposed session is a follow up to a roundtable conducted at the 2011 NERR Symposium. It provides an update of results and management implications from three tourism and recreation development projects. Common themes for all three projects relate to economic challenges faced by each community, geographic challenges, and innovative approaches to addressing these challenges. Strategies for stakeholder involvement, long-term sustainability, and protecting natural resources for the enjoyment of residents and tourists are highlighted in this management roundtable session.
Dr. Geoffrey C. Godbey is a consultant, speaker, and Professor Emeritus in the Department of Recreation, Park and Tourism Management at The Pennsylvania State University. He is the author of ten books and more than 100 articles concerning leisure, work, time use, aging, recreation and parks, tourism, health and the future, and is a past President of the Academy of Leisure Sciences. Currently he is an advisor on the future of leisure for The Next Thousand Years Project, sponsored by the Foundation for the Future. Recently, he has conducted research on the impact of ethnic change on outdoor recreation, relations between health and use of leisure, and the impact of changing demographics on the tourism function of the National Park Service.

2:00 – 3:30 p.m.  
Session V

Session V-A: Spatial Aspects of Recreation (Kingfisher Room)

Facilitator: John Confer

- Modeling of Recreation Dynamics & Capacity at Multiple Spatial Scales. Yue Cui, Michigan State University. Jeremy Wimpey, Applied Trails Research; Nathan Reigner, University of Vermont; Robert Manning, University of Vermont.
- An Exploration of the Relationship between Crowding, Behavioral Freedom, & Recreation Quality using GIS. Nathan Reigner, Park Studies Lab, University of Vermont; Jillian Spies, University of Vermont; Jeremy Wimpey, Applied Trails Research; Robert Manning, University of Vermont.
- Do Anglers Living Near the Coast Really Fish More? A GIS-based Analysis of Angler Characteristics. Diane Kuehn, Emily Johnson, Eddie Bevilacqua, Mike Bullock, & Joanna Sabbatini, SUNY ESF.

Session V-B: Natural Resource Recreation Management (Four Winds Room)

Facilitator: Gail Vander Stoep

- Controlling Deer Hunter Satisfaction in Controlled Hunts. Eric Mollahan, Craig Miller & Mark Alessi, Illinois Natural History Survey.
- Place Attachment of Oklahoma State Park Visitors. Hungling (Stella) Liu; Michael J. Bradley, Eastern Kentucky University.
Monday, April 8, 2013

2:00 – 3:30 p.m.  

**Session V (continued)**

**Session V-C: College Students & Recreation Behavior I (Council Rock Room)**

**Facilitator: Sharon Todd**

- Community Bike Share Programs: Sustainable Practices on a College Campus. Eddie Hill, Bridget Nemeth, Edwin Gómez, Darby Charles, & Hobit Lafaye, Old Dominion University.
- Does the Place Matter: Results from the Brock Base Camp Outdoor Orientation Program. Ryan Howard, Tim O'Connell & Anna Lathorp, Brock University.
- A Summer University Outdoor Education Course as a Significant Life Experience: Process Themes. Jennifer Wigglesworth & Paul Heintzman, University of Ottawa.
- Visual Perceptions & Cognitions of Recreation/Tourism Resources by Study Abroad Students. Paige Schneider, East Carolina University; William Hammitt, Clemson University; Clifton Watts, East Carolina University.

3:30 – 4:00 p.m.  

**P.M. Break (Beverages, cookies, fresh fruit)**

4:00 – 5:30 p.m.  

**Session VI**

**Session VI-A: Research on National Parks (Kingfisher Room)**

**Facilitator: Clifton Watts**

- Indicators of Quality for Night Sky Viewing Experiences in National Parks. Ellen Rovelstad, University of Vermont; Brandi Smith & Jeffrey Hallo, Clemson University; Robert Manning, University of Vermont.
- Managing Outdoor Recreation: Case Studies in the National Parks. Robert Manning, University of Vermont; Laura Anderson, University of Wisconsin - Stevens Point.

**Session VI-B: Hunting Research and Hunter Attitudes (Four Winds Room)**

**Facilitator: Diane Kuehn**

**Monday, April 8, 2013**

4:00 – 5:30 p.m.  

**Session VI (continued)**

**Session VI- C: College Students and Recreation Behavior II (Council Rock Room)**

*Facilitator: Ellen Drogin Rodgers*

- We Are STILL Penn State: Tailgating as Community at Penn State University. Svitlana Iarmalenko, So Young Bae & Garry Chick, Pennsylvania State University.
- The Importance of Tailgating in People's Connection with a Special Place. Deborah Kestetter, Jie Gao & Lan Xue, The Pennsylvania State University.

***NOTE: Dinner is on your own at the Otesaga Resort or in town.***

**Tuesday, April 9, 2013**

7:30 a.m. – 12:00 p.m.  

**Registration (Lobby)**  
*(Coffee available at 7:30 a.m.)*

8:00 – 9:30 a.m.  

**Session VII**

**Session VII-A: Urban & Municipal Recreation Research II (Kingfisher Room)**

*Facilitator: Alvin Yu*

- Perceptions & Experiences Following a Major Park Renovation: A Qualitative Analysis. Benjamin Hickerson, Andrew Mowen, Deborah Kerstetter, & Tammy Koerte, The Pennsylvania State University.
- Public Attitudes about Outdoor Recreation as an Urban Forest Ecosystem Service in Oregon. Joshua Baur, Joanne Tynon, Paul Ries & Randy Rosenberger, Oregon State University.
Tuesday, April 9, 2013

8:00 – 9:30 a.m.  
Session VII (continued)

Session VII-B: Shifts in Demographic & Theoretical Perspectives (Four Winds Room)

Facilitator: Edwin Gómez

- The Role of Place Attachment on Appalachian Trail Conservancy Volunteer Involvement. Amanda Royce & Nate Trauntvein, University of New Hampshire.

9:30 – 10:00 a.m.  
A.M. Break (Coffee refresh)

10:00 – 11:45 a.m.  
Session VIII

Session VIII-A: Place Attachment and Place Bonding Research (Council Rock Room)

Facilitator: Gail Vander Stoep

- Conceptualizing, Measuring & Fostering Place Attachment & Resource Stewardship in Youth. Shari Dann, Michigan State University.
- Examining Gender & Place Attachment in a Fractional Ownership Community. Jane Nicholson & Diane Kuehn, SUNY ESF.
- First Landing State Park Trail Users: Who Are They and What Do They Want? Eddie Hill, Edwin Gómez, & Hobit Lafaye, Old Dominion University; Marni Goldenberg, California Polytechnic State University; Darby Charles & Nicholas Brookins, Old Dominion University.

Session VIII-B: Off-Highway Vehicle (OHV) Research (Four Winds Room)

Facilitator, Tom Wickham

- Analysis of a Developing Opportunity: OHV users on West Virginia’s Hatfield McCoy Trail System. Wendy Pace, Roy Ramthun & Susan Williams, Concord University.
- Exploring the Impact of an Alcohol Ban on Off-Highway Vehicle Recreationists in the Oregon Dunes NRA. Candice Riley, Robert Burns, West Virginia University; Alan Graefe, The Pennsylvania State University; Chad Pierskalla, Dave Smaldone, West Virginia University; Susan Williams, Concord University; Kudzayi Maumbe, West Virginia University.
- Overcoming Challenges to Outdoor Recreation: Private Partnership Solutions. Joshua Carroll, Radford University.

12:00 p.m.  
Symposium Concludes