The 28th Annual Northeastern Recreation Research Symposium

April 3-5, 2016
Annapolis, MD

Schedule of Presentations and Events
Preliminary Program 3.1.16
# 2016 NERR Steering Committee Members

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Institutional Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jim Absher</td>
<td><a href="mailto:Absher.research@gmail.com">Absher.research@gmail.com</a></td>
<td>US Forest Service (retired)</td>
</tr>
<tr>
<td>Arne Arnberger</td>
<td><a href="mailto:arne.arnberger@boku.ac.at">arne.arnberger@boku.ac.at</a></td>
<td>University of Natural Resources &amp; Life Sciences, Vienna</td>
</tr>
<tr>
<td>Carla Barbieri</td>
<td><a href="mailto:carla_barbieri@ncsu.edu">carla_barbieri@ncsu.edu</a></td>
<td>North Carolina State University</td>
</tr>
<tr>
<td>K.C. Bloom</td>
<td><a href="mailto:kbloom@salemstate.edu">kbloom@salemstate.edu</a></td>
<td>Salem State University</td>
</tr>
<tr>
<td>Kelly Bricker</td>
<td><a href="mailto:kelly.bricker@health.utah.edu">kelly.bricker@health.utah.edu</a></td>
<td>University of Utah</td>
</tr>
<tr>
<td>Rob Bristow</td>
<td><a href="mailto:rbristow@westfield.ma.edu">rbristow@westfield.ma.edu</a></td>
<td>Westfield State University</td>
</tr>
<tr>
<td>Robert Burns</td>
<td><a href="mailto:robert.burns@mail.wvu.edu">robert.burns@mail.wvu.edu</a></td>
<td>West Virginia University</td>
</tr>
<tr>
<td>John Confer</td>
<td><a href="mailto:confer@calu.edu">confer@calu.edu</a></td>
<td>California University of Pennsylvania</td>
</tr>
<tr>
<td>Ed Gómez</td>
<td><a href="mailto:egomez@odu.edu">egomez@odu.edu</a></td>
<td>Old Dominion University</td>
</tr>
<tr>
<td>Alan Graefe</td>
<td><a href="mailto:gyu@psu.edu">gyu@psu.edu</a></td>
<td>The Pennsylvania State University</td>
</tr>
<tr>
<td>Laurie Harmon</td>
<td><a href="mailto:lharmon@uwlax.edu">lharmon@uwlax.edu</a></td>
<td>University of Wisconsin, La Crosse</td>
</tr>
<tr>
<td>Andy Holdnak</td>
<td><a href="mailto:aholdnak@uwf.edu">aholdnak@uwf.edu</a></td>
<td>University of West Florida</td>
</tr>
<tr>
<td>Dave Klenosky</td>
<td><a href="mailto:klenosky@purdue.edu">klenosky@purdue.edu</a></td>
<td>Purdue University</td>
</tr>
<tr>
<td>Diane Kuehn</td>
<td><a href="mailto:dmkuehn@esf.edu">dmkuehn@esf.edu</a></td>
<td>State University of New York, ESF</td>
</tr>
<tr>
<td>Craig Miller</td>
<td><a href="mailto:craigm@illinois.edu">craigm@illinois.edu</a></td>
<td>Illinois Natural History Survey</td>
</tr>
<tr>
<td>Bob Du Lee</td>
<td><a href="mailto:bdlee@bgsu.edu">bdlee@bgsu.edu</a></td>
<td>Bowling Green State University</td>
</tr>
<tr>
<td>Ellen Drogin Rodgers</td>
<td><a href="mailto:erodger1@gmu.edu">erodger1@gmu.edu</a></td>
<td>George Mason University</td>
</tr>
<tr>
<td>Sharon Todd</td>
<td><a href="mailto:sharon.todd@cortland.edu">sharon.todd@cortland.edu</a></td>
<td>State University of New York, Cortland</td>
</tr>
<tr>
<td>Gail Vander Stoep</td>
<td><a href="mailto:vanders1@msu.edu">vanders1@msu.edu</a></td>
<td>Michigan State University</td>
</tr>
<tr>
<td>Jerry Vaske</td>
<td><a href="mailto:jerryv@cnr.colostate.edu">jerryv@cnr.colostate.edu</a></td>
<td>Colorado State University</td>
</tr>
<tr>
<td>Philip Wang</td>
<td><a href="mailto:pwang@kent.edu">pwang@kent.edu</a></td>
<td>Kent State University</td>
</tr>
<tr>
<td>Rod Warnick</td>
<td><a href="mailto:warnick@ht.umass.edu">warnick@ht.umass.edu</a></td>
<td>University of Massachusetts, Amherst</td>
</tr>
<tr>
<td>Clifton Watts</td>
<td><a href="mailto:wattsc@edu.edu">wattsc@edu.edu</a></td>
<td>East Carolina University</td>
</tr>
<tr>
<td>Tom Wickham</td>
<td><a href="mailto:wickham@calu.edu">wickham@calu.edu</a></td>
<td>California University of Pennsylvania</td>
</tr>
<tr>
<td>Alvin H. Yu</td>
<td><a href="mailto:hyu@gmail.com">hyu@gmail.com</a></td>
<td>Central Connecticut State University</td>
</tr>
</tbody>
</table>
Sunday, April 3, 2016

10:00 a.m. – 5:30 p.m.  Registration

1:00 – 1:20 p.m.  Welcome and Opening Remarks
NERR 2016 Chair, Alan Graefe, The Pennsylvania State University

1:30 – 3:00 p.m.  Session I

Session I-A: Urban Parks

Facilitator:

- Americans’ use and perceived benefits of local recreation and park services: A comparison over time. Austin Barrett, Andrew Mowen, and Alan Graefe, The Pennsylvania State University.
- Shifting perceptions of corporate sponsorship at a public-sector park agency: A 14 year follow-up. Nick Pitas and Andrew J. Mowen, The Pennsylvania State University; Nate E. Trauntvein, University of New Hampshire; Luke R. Potwarka, University of Waterloo; and Nick Duray, Fairfax County Park Authority.
- Place-making practices for park improvements in a low-income African American neighborhood. Alexandra Maurer, Vidya Balasubramanyam, Lisa Groshong, Sonja A. Wilhelm Stanis, and Asha Kutty, University of Missouri.
- Fire on the fringe: synthesis and coupling of human-wildfire dynamics. Kenneth Wallen, Texas A&M University; Patrick Bitterman, University of Iowa; Ellen Esch, University of California-San Diego; Michael Levy, University of California-Davis; Katie Lyon, Colorado State University; Michael Saha, Virginia Tech; Alexandra Syphard, Conservation Biology Institute; James D. Absher, Independent Researcher; and Gerard T. Kyle, Texas A&M.

Session I-B: Methodology and Measurement I

Facilitator:

- Integrating on-site visitor surveys into state park planning. Charles Nelson and Jenni Lee, Michigan State University.
- Correcting for onsite sampling in National Wildlife Refuge study data. Craig Landry, University of Georgia and Hans Vogelsong, East Carolina University.

Session I-C: Agritourism

Facilitator:

An exploratory study of WWOOF host motivations in the Upper Midwest. Alvin Hung Chih Yu, Central Connecticut State University and Michael Wilson, St. Cloud State University.

Challenges and motivations of agritourists visiting Georgia (EU). Lisa Groshong and Sonja Wilhelm Stanis, University of Missouri; and Carla Barbieri, North Carolina State University.

3:00 – 3:30 p.m. P.M. Break

3:30 – 5:00 p.m. Session II

Session II-A: Methodology and Measurement II

Facilitator:

- Developing quantitative alternatives for the measurement of integrative complexity. Mary Allen and David Loomis, East Carolina University.
- Beyond composite scores and Cronbach’s Alpha: Advancing methodological rigor in the leisure sciences. Ryan Gagnon and Barry Garst, Clemson University.

Session II-B: Human Dimensions of Wildlife Management

Facilitator:

- Importance of public land access to small game hunting in Illinois. Ryan Conat, Brent D. Williams, and Craig Miller, Illinois Natural History Survey.
- Illinois residents’ opinions towards large carnivores. Brent D. Williams and Craig Miller, Illinois Natural History Survey.
- Hunters’ and non-hunters’ perceptions of disease risk over time. Craig Miller, Illinois Natural History Survey and Jerry Vaske, Colorado State University.

Session II-C: National Park Issues

Facilitator:

- Democracy, relevance, and sustainability of National Parks. Xiao Xiao, Robert Manning, and Elizabeth Perry, University of Vermont.
- Scenes of visionary enchantment: Recreation management at the Missouri River Breaks Monument. Elizabeth Covelli Metcalf, Frederick Lauer and Alexander Metcalf, University of Montana; Jessica Brown, Montana Department of Natural Resources and Conservation.
5:15 – 6:15 p.m. Poster Session and Reception

- Encouraging public comment on proposed water trails. Mark Gleason and Michael Scantlebury, Grand Valley State University; Elaine Sterrett Isely, West Michigan Environmental Action Council.
- Visitor use monitoring in the Tapajós National Forest and Anavilhanas National Park, Brazil. Lidiane Gregory and Robert Burns, West Virginia University; Jasmine Moreira, Ponta Grossa State University, Brazil.
- Assessing the feasibility of a novel activity: Draisine tours in West Virginia. Roy Ramthun and Susan Williams, Concord University.
- Cost-Benefit analysis of the Virginia Creeper Rail Trail. Joshua Roe, University of Florida; Wayne Williams, Appalachian State University; and Brijes Thapa, University of Florida.
- Determinants of tourism attractiveness in the National Parks of Brazil. Thiago Beraldo Souza and Ernesto Castro, Chico Mendes Institute for Biodiversity Conservation - Brazil; Brijes Thapa, University of Florida.
- Comparing the restorative qualities of wildland and urban environments. Rachael Taylor and Chad Pierskalla, West Virginia University.
- Transient boaters’ preferences for amenities along the Intercoastal Waterway. Hans Vogelsong, East Carolina University.
- Adapting to climate change in the maple production industry. Sarah Powers and Diane Kuehn, SUNY College of Environmental Sciences and Forestry; Lisa Chase, University of Vermont Extension and Vermont Tourism Research Center.
- The rise of adventure obstacle racing – trends and implications. Connor James and David Smaldone, West Virginia University.

6:30 – 8:30 p.m. Buffet Dinner

7:15 p.m. Founder’s Forum Speaker

Dr. Hans Vogelsong, East Carolina University
Monday, April 4, 2016

7:00 a.m. – 5:30 p.m.  Registration

8:00 – 9:30 a.m.  Session III

Session III-A:  Outdoor Recreation and Natural Resources Management

**Facilitator:**

- The influence of bark beetle shaped forest stands on visual preferences of forest visitors.  Arne Arnberger, Institute of Landscape Development, Recreation and Conservation Planning, BOKU Vienna, Austria; Ingrid Schneider and Alex Schlueter, University of Minnesota; Stuart Cottrell, Colorado State University; Martin Ebenberger, Institute of Landscape Development, Recreation and Conservation Planning, BOKU Vienna, Austria; Eick von Ruschkowski, NABU, Germany; Robert C. Venette, Stephanie Snyder, and Paul Gobster, USDA Forest Service.

- Conservation attitudes and behaviors of Illinois homeowners toward Gulf Hypoxia and water quality.  Elizabeth Golebie, Laura Schweizer, and Craig Miller, Illinois Natural History Survey; Jerry Vaske, Colorado State University.

- Public investments on private land: Reciprocity as prerequisite for acceptability.  Alexander Metcalf, Elizabeth Covelli Metcalf, and Kathryn Kumalo, University of Montana.

- The recreational angler as ecosystem steward.  Adam Landon, University of Georgia; Gerard Kyle, Texas A&M University; Carena van Riper, University of Illinois; Jihee Park and Michael Schuett, Texas A&M University; Jeremy Leitz and Ken Kurzawski, Texas Parks and Wildlife Department.

Session III-B:  Constraints to Outdoor Recreation and Tourism

**Facilitator:**

- Older adults and their health-related concerns to travel.  Sarah Bowes and Bob Du Lee, Bowling Green State University.

- Supply-side perspectives on the disabled tourism market in Korea.  Soyoung An, Texas A&M University; Bongkoo Lee and Jonghan Woo, Dongeui University.


- A study of participation's constraint factors concerning outdoor recreational sports in Teheran.  Ali Zarei and Bagher Morsal, Central Tehran Branch, Islamic Azad University, Tehran, Iran.

Session III-C:  Economics and Tourism

**Facilitator:**

Great New England Air Show economic impact analysis: EI benchmarking and market profiling. Rodney Warnick, Tiffany Jungyoung Shin, and Elizabeth Cartier, University of Massachusetts at Amherst.

A comparison of bed tax collections and STR revenue estimates in selected Florida counties. Andy Holdnak, University of West Florida.

A study of Beijing as an international tourism destination. Qui-ju Wang, Tourism College, Beijing Union University; Yu Liu and Bob Du Lee, Bowling Green State University.

9:30 – 10:00 a.m. A.M. Break

10:00 – 11:30 a.m. Session IV -- Roundtables and Management Presentations


- As the main federal agencies move forward with a new consolidated approach to visitor use management (VUM), a number of potentially critical issues will likely arise. This roundtable session will both serve to introduce researchers and practitioners to the current VUM consolidation effort but also to offer some insights into the possible challenges that this effort will have from a number of associated perspectives such as tourism, community effects, agency directions, and best available social science in VUM practices.

Tourism and recreation initiatives in rural communities: What we are continuing to learn. Clifton Watts and Paige Viren, East Carolina University, Carla Barbieri, North Carolina State University.

- This session revisits similar roundtables conducted in 2011 (Innovative Approaches to Sustainable Tourism and Recreation in Rural Community) and 2013 (Tourism and Recreation Initiatives in Rural Communities). The primary presenters will update results and management implications from two ongoing initiatives. The first initiative covers a series of recreation-based projects offered in a geographically isolated, eastern North Carolina county. A second overview will address initiatives related to promoting regional tourism in rural communities across county borders in eastern North Carolina.

Developing a national policy on training, education and research in park management: Canada. Paul Eagles, University of Waterloo.

- This session will introduce the new draft national policy on parks to be unveiled at the Canadian Park Summit in April, 2016 in Canmore, Alberta. Parks and protected areas are a major land use and human cultural activity in many countries. Given that the management of these areas is critically important to their long term survival and effectiveness, it is important to consider policy in the key areas of training, education, and research. Key questions include: 1) What should park managers know? 2) What is the most effective manner to deliver education to current and future managers; and 3) What are the most important research topics over the next decade?

Trends in Sustainable Recreation Management on the National Forest System: Steve Selin; Chad Pierskalla, Jeremy Golston, West Virginia University.

- This roundtable will explore the current status of the recreation program within the USDA Forest Service. Speakers will update participants about regional and forest-level efforts to implement the Framework for Sustainable Recreation (FSR), a vision crafted in 2010 to enhance the capacity of recreation staff, programs, and infrastructure across the national forest system. Speakers will also discuss efforts within the current FS Planning Rule to implement sustainable recreation. An open discussion of obstacles being addressed in implementing the FSR will take place. The roundtable will close with a facilitated discussion about action steps needed to enhance sustainable recreation management across the national forest system.
12:00 – 1:45 p.m. Lunch & Keynote Address: Making the case for investment: Recreation research is critical for the future of parks and public lands.

Bob Ratcliffe, Program Chief, Conservation and Outdoor Recreation Programs, National Park Service

As Division Chief for the National Park Service’s Conservation, Recreation and Community Assistance Programs for the last four years, Bob oversees the widely recognized Recreation, Trails and Conservation Assistance Program, National Trails and National Rivers programs, among others. These innovative programs help fulfill the NPS mission in working with partners to extend the benefits of parks, recreation and conservation to communities across the country. Previously, Bob served 24 years for the Bureau of Land Management in a variety of field and national leadership roles.

Bob has graduate and undergraduate degrees in outdoor recreation and resource management. He has spent much of the last three decades developing new and progressive national policies enhancing recreation access while balancing protection of resources. He has focused on developing proactive policies and improving the best practices for planning for and sustainably managing increased visitation and emerging recreation activities. He has also been a strong advocate in watershed protection, parks and protected area designations, and connecting youth to the outdoors through recreation. Mr. Ratcliffe also has experience as a Congressional Fellow in the U.S. Senate, staffing environment, public lands, natural resource economics and landscape level planning issues.

2:00 – 3:30 p.m. Session V

Session V-A: Emotion and Well-being in Tourism and Outdoor Recreation

Facilitator:

- Nature relatedness, sense of place, and well-being in outdoor pursuits trip groups. Sharon Todd, Ashlee Boughton, Lynn Anderson, Amy Shellman, Anderson Young, SUNY Cortland; Garrett Hutson, Timothy O’Connell, Mary Breunig, Brock University.

Session V-B: Social Issues and Stakeholders

Facilitator:

- Exploring relationships between stakeholders and Everglades National Park. Yungseon Choe, Michael Schuett, and David Matarrita-Cascante, Texas A&M University.
- Interpreting “consultation:” Native American and federal agency perceptions of engagement practices. Ben Richardson, Chad Pierskalla, David Smaldone, and Steven Selin, West Virginia University.
- The rhetoric of restoration: Mobilizing without polarizing. Nicole Evans, University of Illinois and Craig Miller, Illinois Natural History Survey.
Session V-C: Leisure Constructs

Facilitator:

- A Hermeneutic understanding of adventure. Philip Wang, Kent State University; Chunyan Zhou, Chongqing Normal University; Siwei Zheng, Kent State University.
- A Confucian construct of happiness. Philip Wang, Kent State University; Chunyan Zhou, Chongqing Normal University; Hongyi Xu, Kent State University.
- A comparison of selected outdoor recreation constructs: Amazonian River Basin and Skagit River Basin. Robert Burns, West Virginia University and Jasmine Moreira, Ponta Grossa State University, Brazil.

3:30 – 4:00 p.m. P.M. Break (Beverages, cookies, fresh fruit)

4:00 – 5:30 p.m. Session VI

Session VI-A: Climate Change

Facilitator:

- Photo elicitation of climate change impacts in Missouri State Parks. Lisa Groshong, Vidya Balasubramanyam, Sonja Wilhelm Stanis, and Mark Morgan, University of Missouri.
- Adaptation of Vermont snowmobiling to climate change. William Valliere, Robert Manning, Elizabeth Perry, Xiao Xiao, University of Vermont; Nathan Reigner, Resource Systems Group.
- Exploring visitor perceptions of climate change: Differences by income. Hongchao Zhang, Sonja Wilhelm Stanis, and Mark Morgan, University of Missouri.

Session VI-B: Environmental Conservation Attitudes and Behavior

Facilitator:

- Use of landscape value orientations to understand conservation attitudes and behaviors. Laura Schweizer and Craig Miller, Illinois Natural History Survey; Jerry Vaske, Colorado State University.
- Understanding the role of values and motivations in predicting intentions to engage in Leave No Trace. Clinton Lum and Carena J. van Riper, University of Illinois at Urbana-Champaign; Kenny Wallen and Gerard Kyle, Texas A&M University; James Absher, Independent Researcher.
- Using sense of place to prime environmental communication. Christopher Wynveen and W. Dale Connally, Baylor University.
Ocean-huggers: Environmentalism and advocacy among surfers. Lindsay Usher, Old Dominion University.

Session VI- C: Travel Behavior and Experience

Facilitator:

- Prioritization of cultural attraction product features. Xuan Wu, Hangzhou Normal University and Philip Wang, Kent State University.
- Blurring the lines of traveler planning: How technology impacts the consumer purchase process. Rebecca McRoberts and Dan McCole, Michigan State University.
- Travel and learning to engage in life. Philip Wang and Shweta Singh, Kent State University.
- On the road again: Underrepresented populations in tourism marketing. Paige Viren, Ariel Hartman, East Carolina University; Alison Murray, The Pennsylvania State University; Stefanie Benjamin, University of Tennessee; and Sara Neilson, East Carolina University.

5:40 – 6:30 p.m. Steering Committee Meeting

- Tom and Muriel More Scholarship recipients are expected to join in this meeting.

Dinner is on your own.

Tuesday, April 5, 2016

7:00 a.m. – 12:00 p.m. Registration (Lobby)

8:00 – 9:30 a.m. Session VII

Session VII-A: Food, Wine, and Beer Tourism

Facilitator:

- Profiling wine tourism visitors on the basis of wine-related lifestyle and wine tourism activities. Jenni Lee and Dan McCole, Michigan State University.

Session VII-B: Community and Rural Tourism

Facilitator:
Exploring the cultural impact of a rail-to-trail on a rural Appalachian American town. Joshua Roe, University of Florida; Wayne Williams, Appalachian State University; and Brijesh Thapa, University of Florida.

Grabbing on to our Incan roots: The role of community-based tourism in the recovery of traditions. Claudia Gil Arroyo and Sandra Sotomayor, Universidad San Ignacio de Loyola; Carla Barbieri, North Carolina State University.


Investigating residents’ water quality perceptions in Monongalia County, WV. Jonas Leveque and Robert Burns, West Virginia University.

Session VII-C: Outdoor Recreation Experience

Destination image and visitor satisfaction with recreation experience at El Yunque National Forest. Natalia Buta and Annalee Law, Frostburg State University.

Visitor experience and trail management preferences at a fitness-focused outdoor recreation site. Andrea Ednei and Olivia Ault, University of Wisconsin – Whitewater.

An integrated approach to measuring recreation conflict and goal interference. Rick Gage, Marshall University.

Planning for use: Understanding horseback riding use patterns at Ozark National Scenic Riverways. Ryan Sharp and Jeff Skibins, Kansas State University.

9:30 – 10:00 a.m.  A.M. Break

10:00 – 11:30a.m.  Session VIII

Session VIII-A: Wilderness

Facilitator:

Modelling the trust-risk relationship in a wildland recreation setting: A social exchange perspective. Carena van Riper, University of Illinois; Kenneth Wallen, Texas A&M University; Adam Landon, University of Georgia; Michael Petriello and Gerard Kyle, Texas A&M University; James Absher, Independent Researcher.


Visitor use in eight Californian and Oregonian Wilderness areas. Katharina Breda and Robert Burns, West Virginia University.

Developing a new classification and weighting to quantify unconfined recreation in Wilderness. Carol Griffin, Grand Valley State University.

Session VIII-B: Planning and Partnerships

Facilitator:
Public leadership and collaborative governance in outdoor recreation: The Mon River Valley Coalition. Steven Selin, West Virginia University.

“Parknerships” for sustainable park-people connections: Perspectives from the San Francisco Bay Area. Elizabeth Perry and Robert Manning, University of Vermont.


Connecting human-nature relationships to environmental behaviors that minimize the spread of aquatic invasive species. Catherine Kemp and Carena J. van Riper, University of Illinois at Urbana-Champaign; Lama BouFajreldin, Illinois Natural History Survey; William P. Stewart and Jarrod Schuenemann, University of Illinois at Urbana-Champaign; and Riyan van den Born, Radboud University Nijmegen.

Session VIII-C: Outdoor Recreation Activity

Facilitator:

Effects of a college adventure orientation program on trait emotional intelligence. Forrest Schwartz, The Pennsylvania State University and C. J. Belknap, West Virginia University.

Development, operation, and evaluation of a successful youth mud obstacle run. I-Chun (Nicky) Wu and Timothy Baghurst, Oklahoma State University.


Psychological ownership and property rights among mountain bikers. Andrew Purrington, SUNY Cortland and Benjamin Hickerson, The Pennsylvania State University.

11:30 a.m. Symposium Concludes

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