

# **Coalition for Education in the Outdoors**

## **Twelfth Biennial Research Symposium**

at Indiana University's Bradford Woods

January 10-12, 2014

### List of Accepted Papers

#### **Creativity and Divergent Thinking in Outdoor Adventure Education**

Dan Richmond, Rachel Collins and Jim Sibthorp, University of Utah; Mandy Pohja and John Gookin, The National Outdoor Leadership School

#### **Participant Profiles, Antecedent Predictors, and Developmental Outcomes of Rural Youth Involvement in Outdoor Activities throughout Adolescence: A Longitudinal Study**

Jayson Seaman, Erin Sharp and Sean McLaughlin, University of New Hampshire

#### **The Outdoor Orientation Benchmarking Survey**

Brent Bell and Christopher Nafziger, University of New Hampshire

#### **A Moderational Analyses of Change in Participants' Biophilic Expressions Following an Outdoor Orientation Program**

Nathan Meltzer<sup>1</sup>, W. Brad Faircloth<sup>2</sup>, Andrew Bolilya<sup>2</sup> and Denise Mitten<sup>1</sup>  
<sup>1</sup>Prescott College and <sup>2</sup>Montreat College

#### **Situational Leadership of Outdoor Pursuits Trip Leaders: Self-Perceptions vs. Others' Perceptions of Dominant Styles, Adaptability, and Appropriate Style Choices**

Sharon L. Todd<sup>1</sup>, Anderson Young<sup>1</sup>, Timothy O'Connell<sup>2</sup>, Garrett Hutson<sup>2</sup>, Lynn Anderson<sup>1</sup>, and Mary Breunig<sup>2</sup>  
<sup>1</sup>SUNY Cortland and <sup>2</sup>Brock University

#### **Relationship Between Outdoor Experience and Body Image in Female College Students**

Chiara D'Amore and Denise Mitten, Prescott College

#### **Growing Girls' Leadership through Outdoor Programming: Findings about What Matters from Girl Scouts of the U.S.A.**

Kallen E. Tsikalas, Girl Scout Research Institute, NY, NY and Karyn L. Martin, Girl Scouts of Eastern Massachusetts

#### **Measuring Outcomes of Girls' Participation: Creating Statistically Tested Scales**

Anja Whittington and Jeffery Aspelmeier, Radford University; Nadine Budbill, Vermont Works for Women

#### **Developing Familial Relationships through Adventure Experiences**

Jill Overholt, Warren Wilson College

#### **Measuring Youth Development Outcomes of Camp and a Camp-Themed After-School Program**

Shiana Stewart and Kendra Liddicoat, University of Wisconsin-Stevens Point

#### **Enhancing Nature Appreciation, Activity Levels, and Diet Health in Children: A study in Tennessee State Parks**

Cindi Smith-Walters and David Owens, Middle Tennessee State University

*Please see other side for additional papers.*

**Examining Adventure and Mindfulness  
and Their Relation to Outcome in  
Adventure Therapy**

Keith Russell, Western Washington University;  
Whitney L. Heppner and Lee Gillis, Georgia  
College

**Reading and Writing and Boys'  
Camp: Lessons for Schools and Camps**

Lauren Arend and Mary Rogers, Saint Louis  
University

**Teach Your Children Well: The Role of  
Parental Socialization in the  
Transformation of Children's Play in  
Wild Nature**

Penny A. James, Karla A. Henderson, Aram  
Attarian and Myron F. Floyd, North  
Carolina State University

**The Perceived Significant Life Experience  
of a University Outdoor Education  
Course: Quantitative Findings**

Jennifer Wigglesworth and Paul Heintzman,  
Queen's University

**Management Trends in the Delivery of  
Outdoor Education Programs for Persons  
with Mental Impairments**

Alison Voight, Indiana University

**Evaluation of the Hero's Journey  
Adventure Program for Adolescents with  
Serious Illness**

Ann Gillard, The Hole In The Wall Gang  
Camp

**Exploring Profound Place Relationships:  
The Extension of Place Attachment to  
Place Allegiance**

Ryan Howard, Brock University

**Development of a Measuring Scale for  
Leisure-Related Academic Program  
Viability in Colleges and Universities**

Oghenekaro Omodior and Holly Donohoe,  
University of Florida

**Outdoor Education Outcomes of Young  
Cancer Survivors and Fighters  
Experiences**

Marni Goldenberg and Liz Gill, California  
Polytechnic State University San Luis  
Obispo

**Examining How a Wilderness Experience  
Might Influence At-risk Youths' Alcohol,  
Tobacco and Other Drugs Attitudes and  
Behaviors (a pilot study)**

LisaMarie P Miramontes, Prevention  
Research Center

**A Multilevel Model of the Influence of  
Leadership Consideration and Goal  
Conflict on Group Cohesion**

Jeremy Jostad and Jim Sibthorp, University  
of Utah; Mandy Pohja and John Gookin,  
The National Outdoor Leadership School

**Natural Environments and Stress:  
Mitigation of Cortisol through Visitation  
to an Outdoor Setting**

Alan Ewert, Jim Klaunig, Zemin Wang and  
Seann Conklin, Indiana University

**Social Climate and Peer Interaction on  
Wilderness Courses**

Benjamin Mirkin, Lyndon State University

**Backcountry Energy Needs 2.0**

Mandy Pohja and John Gookin, The  
National Outdoor Leadership School

**Green Relationships Model: Toward a  
Conceptual Framework Detailing the  
Impact of Green Exercise on Relationship  
Satisfaction**

Matthew Miller, University of Minnesota

*Please see other side for additional papers.*