

David A. Smaldone

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EDUCATION

Ph.D., 2002, Resource Recreation and Tourism, College of Natural Resources, University of Idaho (Moscow, ID)

Dissertation Title: An Exploration of Place Attachment in the Jackson Hole Valley

Emphases: Outdoor recreation management; Environmental interpretation and education; Place attachment; Sense of place; Nature-based tourism; Environmental philosophy and ethics

M.A., 1995, Clinical Psychology, Loyola College (Baltimore, MD)

Thesis: "The Relationship of Visuospatial Ability and Memory to Dream Recall." The subjects of my thesis were public high school students in Anne Arundel County, MD.

B.A., 1991, Government, Georgetown University (Washington, D.C.)

Minor: Psychology

- Spent 7/96 in Costa Rica, studying Field Ecology and Conservation Biology with the University of California, Berkeley.

RESEARCH/COMPUTER SKILLS

Utilized SPSS and Nudist NVivo programs extensively. Also proficient in Adobe Photoshop and Indesign.

PROFESSIONAL EXPERIENCE—ACADEMIC

2010-present **Associate Professor**, RPTR Program, *Division of Forestry & Natural Resources, WVU. Program Chair from 2012-present.*

2004 - 2010 **Assistant Professor**, *Recreation, Parks & Tourism Resources Program, Division of Forestry & Natural Resources, West Virginia University*

2008-present **Adjunct Faculty**, *Stephen F. Austin State University, Nacogdoches, TX*

Courses developed & taught:

RPTR 242 Environmental and Cultural Interpretation (3 credits)

Responsible for the instruction of a division core curriculum course that includes a comprehensive introduction into the history, theory, processes, and techniques for the interpretation of natural and cultural resources. Planned and developed lectures, exams, exercises, and field trips for the course.

RPTR 685 Non-Personal Advanced Interpretation (3 credits)

Responsible for the instruction of a graduate level course that focuses on the development and application of non-personal interpretive materials and techniques. This course was project based—students are responsible for completing a number of major projects. Planned and developed exams, exercises, field trips, and lectures for the course.

RPTR 680 Personal Advanced Interpretation (3 credits)

Responsible for the instruction of a graduate level course that focuses on the development and application of personal interpretive programs. This course was project based—students are responsible for completing a number of major projects. Planned and developed exams, exercises, field trips, and lectures for the course.

RPTR 485 Professional Development (1-3 credits)

Responsible for the instruction of an upper division core curriculum course that develops professional written, verbal, and interpersonal skills. This course covers the practical aspects of finding and acquiring a professional internship in the field of Parks, Recreation and Tourism.

RPTR 491 Professional Field Experience (6 credits; Summer)

Responsible for supervision of 5-7 RPTR students who are completing their summer internship. Responsibilities include liaising with intern job sites, grading student

reports, developing special project ideas with student and grading final project, collecting student hours, coordinating paperwork between student and job site, mentoring students as needed, etc.

ADRC 102 Adventure in Society (3 credits; Online, summer)

I'm revising an in-person class (ADRC 102) to teach it online. This course explores how outdoor adventure has transformed from a daily necessity for survival in early cultures to its modern form of recreational pursuit. Through readings, media, lectures and hands-on adventure experiences students explore historical and modern perspectives of popular adventure pursuits and their societal influence.

RPTR 693D Citizen Science and Natural Resource Conservation (3 credits)

Developed new graduate course that focused on the rapidly growing field of Citizen Science (CS). Topics included what citizen science is, how to plan CS projects for both scientific and educational outcomes, as well as how to evaluate citizen science projects. While citizen science is being used in many disciplines from astronomy to medicine, this course will focus on using citizen science within the context of natural resource management, including using CS to aid in conservation efforts. You will be exposed to a wide array of CS projects over the semester, and choose one to join or even partner with. We will learn how to craft realistic participant outcomes, including delving into theories and best practices associated with dealing with this special type of audience. We will end the semester discussing how CS projects can be used to encourage "citizens" to develop stewardship connections to natural resources. It is a project-based, discussion-focused class. (taught 2015, 2017)

FOR 575 Connecting to Place (3 credits)

Developed an graduate level course that takes an in-depth look at place and our connections to place, including sense of place, place-based education, citizen science, resource immersion and other approaches to engage audiences with the world around them, facilitating an understanding of complex and controversial science topics through experience. In essence, this class is about "Facilitating Place-based Experiences". The first half of this course focuses on Place, discussing different theoretical and experiential conceptions of place, such as "sense of place", "place attachment", etc. It then links these theoretical conceptions of place to place-based education. The second half of the course addresses the rapidly growing field of citizen science (CS). Topics include what citizen science is, how to develop and evaluate citizen science projects, and finally, how CS can be used to connect people to place. This course can be offered in-person or online. Link to online course home website (from fall 2014):

<http://shinenet.net/group/spiconnectingtoplace>

RPTR 293B Applied Principles of Sustainable Tourism and Protected Area

Management in Chile. Guest lecturer: 10/05. Also traveled with class to Patagonia, Chile from 11/17-/28/05. Participated in fieldwork, and facilitated group work in Chile. Obtained matching funds for travel through the WVU Office of International Programs.

FOR 595 Meanings of Place (3 credits, Independent Study)**FOR 595 Applications of Place Management (3 credits, Independent Study)**

Developed two graduate level courses focused on the topics of sense of place, place attachment and place meanings. One course looks at place broadly within the field of natural resource management. The second course focuses on the practical applications and outcomes of using place concepts to manage natural resources.

FOR 595 Sustainable Tourism, Interpretation & Certification (3 credits, Independent Study)

Developed a course focused on role of interpretation in sustainable tourism. It also covered certification efforts in both fields, and the linkages between them.

RPTR 493/693 Global Tourism & Sustainable Development in China (6 credits; Study Abroad course in Summer 2008)

Developed new study abroad course with two other faculty. It is a 3-week trip to China focused on learning about and experiencing global tourism and sustainable development, and involves working with students and faculty at a partner University in China. The group will adapt the WVU Community Design Team format to help a National park gateway community in China.

RPTR 493/693 Sustainable Tourism & Protected Area Management in Belize (3 credits; Spring 2009)

Developed new study abroad course, with the capstone portion to be a 9-day trip to Belize, over Spring Break. This course adopted a multi-dimensional perspective on the use of sustainable tourism as a development and environmental/cultural conservation tool. A combination of lectures/interviews and field-based activities and experiences were used to explore the delicate balance between conservation and development, and the challenges associated with managing natural/cultural resource areas for both.

1999-2001 Course Instructor, *Department of Resource Recreation & Tourism, University of Idaho, Moscow***RRT 387 Environmental and Cultural Interpretation (3 credits; Fall 2000)**

Responsible for the instruction of an upper-division core curriculum course that includes a comprehensive introduction into the theory, processes, and techniques for the interpretation of natural resources. Planned and developed exams, exercises, field trips, and lectures for the course.

RRT 488 Interpretive Methods Lab (4 credits; Spring 2001, Spring 1999)

Responsible for the instruction of an upper-division/graduate level course that focuses on the development and application of interpretive materials and techniques. This course concentrates on teaching the fundamentals of the equipment and methods commonly used by natural resource agencies for communicating management programs and interpreting natural environments to visitors. Largely emphasizes oral presentation skills.

RRT 504 Special Topics—The Human/Nature Split (3 credits; Spring 1999)

Developed and taught a new graduate course in the department. This course was designed as an exploration into the complex relationships between people and the natural world from a variety of perspectives—including biology, psychology, philosophy, religion/spirituality, and the arts. The course was taught primarily as a discussion seminar, based upon readings.

1998-2001 Teaching Assistant, Department of Resource Recreation & Tourism, University of Idaho, Moscow**RRT 494 Natural Resources Communication (3 credits; Fall 2001)**

Assisted in grading assignments for an upper-division communication course in natural resources. Led class lectures and discussions on relevant topics as needed as well. This course is designed to provide students with a general foundation in communication related to the field of natural resources—topics include theories, tools, strategic applications and problem-solving.

RRT 491 Wilderness for Personal Growth (3 credits; Spring 1999)

Assisted in developing and grading assignments and exams for an upper-division course which is designed to teach students about the diverse approaches used in wilderness experiences programs (WEPs). This course provides a sound theoretical basis for the various approaches as well as hands-on experience with soft-skill approaches to wilderness experiences.

RRT 287 Professional Foundations of Resource Recreation and Tourism (3 credits; Fall 1998)

Assisted in developing and grading assignments and exams for a core curriculum course. The course consists of an overview of the development and management of wild land recreation and tourism resources and their integration into a political, economic, behavioral, and land use management framework. It also covers the philosophical, theoretical, historical, and managerial foundations of leisure as they relate to various societal trends.

1/96-12/96 Psychology Instructor, Psychology Department, Anne Arundel Community College, Arnold, MD**PSY 101 Introduction to Psychology (3 credits; Spring & Fall 1996)**

Designed lesson plans, activities and exams for Introductory Psychology courses. Taught Introductory Psychology courses to both college students (at the Community College), as well as to advanced high school students (at their high school). This partnership was a unique collaboration between the college and high school, as the high school students received college credit while still in high school.

OTHER APPLIED PROFESSIONAL EXPERIENCE

10/03-3/04 NPS Interpretive Exhibit Coordinator & Liaison, *Grand Teton National Park*

Coordinated the exhibit planning team of 8-10 National Park Service employees planning exhibits (6,000 square feet) for a new visitor center. Acted as the liaison between NPS planning team and the exhibit design firm (Ralph Appelbaum Associates, based out of New York). Helped plan new exhibit content (interpretive themes, stories, and the supporting graphic/artifact materials and media). Synthesized NPS team member's comments, and prepared feedback for design firm. Helped write interpretive outlines and themes for exhibits. Researched and digitally catalogued historical artifacts related to park's history for use in new visitor center.

4/03-9/03 Concession Interpretive Specialist & Liaison, *Grand Teton National Park*

The main functions of this job were to strengthen, as well as build, new educational and interpretive partnerships with the various concessioners in Grand Teton National Park. This included orienting concession employees to the park. Scheduled and led training sessions for concession employees on a wide range of topics—natural and cultural history, critical issues, communication and interpretive skills. Evaluated and made recommendations on how to improve the concession guided activities (including raft trips, bus tours, horseback rides, etc.). Coordinated new partnership between the park interpretive rangers and five rafting companies—involved co-led interpretive raft trips on the Snake River.

5/98-10/02 Lead Seasonal Ranger Naturalist/Supervisor (Interpretation), *Grand Teton National Park, (5 seasons)*

Summer 2002—Supervised 8 seasonal naturalists—scheduled, trained, mentored, evaluated them throughout season. Wrote end-of-season and mid-season reviews for naturalist staff members. Wrote and edited interpretive park publications. Was also a lead naturalist in the summer of 1999 and the summer of 2001—critiqued other ranger programs as well presented my own. Mentored naturalists throughout the season on both a professional and personal level. Wrote mid-season reviews for naturalist staff members.

All five seasons: Prepared and led a variety of original thematic interpretive hikes and talks on natural and cultural history topics. Prepared and presented original thematic slide programs to visitors. Staffed high volume visitor center information desks. Also responsible for the maintenance and care of the audio-visual equipment (slide projectors, etc.) and photographic equipment, as well as the upkeep of the slide file (adding new slides, copying slides, etc.) for the South District of the park.

1997-1998 Research Assistant, Department of Resource Recreation & Tourism, University of Idaho, Moscow

Analyzed data and wrote research report for USFS, dealing with sense of place in the Clearwater National Forest. Performed various other research tasks—questionnaire development; slide scanning; data coding and entry for SPSS applications.

9/96-6/97 Environmental Educator, Chesapeake Marine Tours, Annapolis, MD

Prepared and presented environmental education programs (hikes and boating trips) to school and adult groups, focusing on the conservation of water and the Chesapeake Bay ecosystem.

4/97-8/97 Assistant Coordinator, Summer Jobs Program, Business Workforce & Development Center (BWDC), Severna Park, MD

Coordinated all logistical support for a summer jobs program for economically disadvantaged youth (served 475 adolescents). Wrote and negotiated all contracts for program, including buses, vans, clothing, etc. In charge of hiring all summer staff members--25 counselors and crew chiefs. Supervised all aspects of program. Acted as a liaison between BWDC, youth, staff, various youth work-sites, and parents.

10/91-7/96 Clinician/Case Manager, Psychotherapeutic Treatment Services (PTS), Annapolis, MD.

From 4/95-7/96

Conducted individual and group counseling sessions with chronically mentally ill and dually diagnosed adults and adolescents. Directed treatment planning groups, and designed primary treatment plans for a caseload of 20-28 clients. Obtained client entitlements, health care, housing and vocational services.

From 10/91-3/95 Residential Counselor/Shift Supervisor, PTS

Supervised daily living activities of clients. Administered behavioral and medical treatment programs to clients. Coordinated residential counselors and activities. Provided crisis intervention for a wide range of clients.

PUBLICATIONS

Published Peer Reviewed Journal Articles:

Vesper, D., **Smaldone, D.**, & Feller, D. (accepted, 10/17). Assessing the vulnerability of sensitive karst habitats containing rare, threatened, and endangered species in the Chesapeake and Ohio Canal National Historical Park. *Park Science*.

Fegel, T., McGill, D., Gazal, K., & **Smaldone, D.** (accepted 6/17, in press). Educational Preferences of West Virginia's Female Woodland Owners. *Journal of Extension*.

Balcarczyk, K., **Smaldone, D.**, Selin, S., Douglas, J., Pierskalla, C., & K. Maumbe. (2016). Barriers and supports to pursuing a natural resource degree. *Natural Science Education, 45*(1).

Arbogast, D., **Smaldone, D.**, & Balcarczyk, K. (2015). Evaluating the West Virginia Interpretive Guide Heritage Steward Program. *Journal of Interpretation Research, 20*(2), 33-40.

Riley, C., Pierskalla, C., Burns, R., Maumbe, K., Graefe, A., **Smaldone, D.**, & Williams, S. (2015). Examining OHV user displacement at the Oregon Dunes National Recreation Area and Sand Lake: A 10-year trend study. *Journal of Outdoor Recreation and Tourism, 9*, 44-52.

Balcarczyk, K., **Smaldone, D.**, Selin, S., Pierskalla, C., & K. Maumbe. (2015). Barriers and supports to entering a natural resource career: Perspectives of culturally diverse recent hires. *Journal of Forestry, 113*(2).

Balcarczyk, K., McKenney, K., **Smaldone, D.**, & Arbogast, D. (2013). West Virginia Interpretive Guide Training: A Collaborative Effort. *Journal of Extension; 51*(6); available online at: <http://www.joe.org/joe/2013december/iw4.php>.

Ruschkowski, E., Burns, R., Arnberger, A., **Smaldone, D.** & Meybin, J. (2013). Recreation Management in Protected Parks and Forests: A Comparative Study of Austria, Germany, and the United States. *Journal of Parks & Recreation Administration, 31*(2); 95-114.

Smaldone, D., Boone, D., Selin, S., & See, A. (2011). Broadening Extension's Capacity—Comparing Extension Agents' and Environmental Educators' Perceptions of Needs and Barriers. *Journal of Extension; 49*(3); available online at: <http://www.joe.org/joe/2011june/a3.php>.

Smaldone, D. & Dey, S. (2010). Developing a Successful State-Level EE Organization: A Nation-wide Assessment, *Applied Environmental Education and Communication, 9*(3), 159-172.

Hoehner, C., Brownson, R., Allen, D., Gramann, J., Behrens, T., Floyd, M., Leahy, J., Liddle, J., **Smaldone, D.**, Spain, D., Tardona, D., Ruthmann, N., Seiler, R., & B. Yount. (2010). Parks Promoting Physical Activity: Synthesis of Findings from Interventions in Seven National Parks. *Journal of Physical Activity and Health, 7*(Suppl 1), S67-S81.

Smaldone, D., Harris, C.C., & Sanyal, N. (2008). The Role of Time in Developing Place Meanings. *Journal of Leisure Research, 40* (4), 479-504.

Bailey, H., **Smaldone, D.**, Elmes, G., & Burns, R. (2007). Geointerpretation: The Interpretive Potential of Maps. *Journal of Interpretation Research, 12* (2), 45-59.

Selin, S., Pierskalla, C., **Smaldone, D.**, & Robinson, K. (2007). Social Learning and Building Trust through a Participatory Design for Natural Resource Planning. *Journal of Forestry*, 105:8, 421-425.

Smaldone, D., Harris, C., & Sanyal, N. (2006). Place Attachment as Process: The Case of Jackson Hole, WY. *Journal of Environmental Psychology*, 25, 397-414.

Smaldone, D., Harris, C.C., Sanyal, N., & Lind, D. (2005). Place attachment and management of critical park issues in Grand Teton National Park. *Journal of Park and Recreation Administration*; 23 (1), 90-114.

Peer Reviewed Manuscripts in Review:

Vesper, D., **Smaldone, D.**, Feller, D. Assessing the Vulnerability of Sensitive Karst Habitats Containing RTE Species in the Chesapeake and Ohio Canal National Historical Park. Submitted to *Park Science*.

Burns, R., **Smaldone, D.**, & Popham, A. Determining Appropriate Outdoor Recreation Use: Umatilla National Forest, Wenaha Wild and Scenic River Corridor. Submitted to the *Journal of Forestry*.

Fegel, T., McGill, D., Gazal, K., & **Smaldone, D.** Educational Preferences of West Virginia's Male and Female Woodland Owners. Submitted to the *Journal of Extension*.

Peer Reviewed Manuscripts in Preparation:

Smaldone, D., Coble, T., & Schatzer, T. The Boot Cotton Mill Museum—A Comparison of Visitor and Expert Meanings. To be submitted to *Curator*.

Coble, T., **Smaldone, D.**, & McCarthy, C. Evaluating the interpretive outcomes of climate change programs on public lands. To be submitted to the *Journal of Interpretation Research*.

DeCarlo, K., Pierskalla, C., Selin, S., Siniscalchi, J., & **Smaldone, D.** Interpretive theme development from first impressions. To be submitted to the *Journal of Interpretation Research*.

Peer Reviewed Conference Proceedings:

Riley, C., Burns, R., Pierskalla, C., **Smaldone, D.** & Graefe, A. (2012). Understanding Off-Highway Vehicle Recreationists in the Oregon Dunes/Sand Lake Recreation Area. *Proceedings of the 2012 Northeastern Recreation Research Symposium*. Cooperstown, NY.

Riley, C.J., Pierskalla, C., Burns, R., Graefe, A., **Smaldone, D.**, & Williams, S. (2012). Understanding Off-Highway Vehicle Recreationists in the Oregon Dunes/Sand Lake Recreation Area: A Ten Year Trend Study, *18th International Symposium on Society and Resource Management*. University of Alberta, Edmonton, Alberta, Canada.

Absher, J., Burns, R.C., & **Smaldone, D.** (2011). The “need” for commercial outfitters and guides: Social, legal and definitional challenges to Wilderness or river management. *Proceedings of The 17th International Symposium on Society and Resource Management*. (pp. 39, online only). Madison, Wisconsin.

Thompson, K., Pierskalla, C., Selin, S. & **Smaldone, D.** (2010). Social Worlds of Rock Climbers at Seneca Rocks, West Virginia: Implications for Recreation Planning and Management. *Proceedings of the 2010 International Symposium on Society and Natural Resource Management*. Corpus Christi, TX. 7/10.

Bricker, K.S., Leahy, J., **Smaldone, D.**, Mowen, A., and Pierskalla, C. (2008). Research roundtable on health, parks, recreation, and tourism. In: Klenosky, David B.; Fisher, Cherie LeBlanc, eds. *Proceedings of the 2008 Northeastern Recreation Research Symposium*; 2008 March 30 - April 1; Bolton Landing, NY. Gen. Tech. Rep. NRS-P-42. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station: 53-58.

Smaldone, D. (2008). Increasing Walking at the C&O Canal National Historical Park: an Intervention Focused on Local Employees. In: Klenosky, David B.; Fisher, Cherie LeBlanc, eds. *Proceedings of the 2008 Northeastern Recreation Research Symposium*; 2008 March 30 - April 1; Bolton Landing, NY. Gen. Tech. Rep. NRS-P-42. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station.

Smaldone, D. (2007). Place meanings and critical park issues in Grand Teton National Park. In: LeBlanc, Cherie; Vogt, Christine, comps. *Proceedings of the 2007 Northeastern Recreation Research Symposium*; 2007 April 15-17; Bolton Landing, NY. Gen. Tech. Rep. NRS-P-23. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station: 70-76.

Pierskalla, C., Saunders, K. McGill, D., & **Smaldone, D.** (2007). Forest landscape assessment: the effects of pre-experience education on public perception of scenic beauty. In: LeBlanc, Cherie; Vogt, Christine, comps. *Proceedings of the 2007 Northeastern Recreation Research Symposium*; 2007 April 15-17; Bolton Landing, NY. Gen. Tech. Rep. NRS-P-23. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station: 70-76.

Smaldone, D. (2006). The Role of Time in Place Attachment. *Proceedings of the 2006 Northeastern Recreation Research Symposium*, GTR-NE. Bolton Landing, NY, 4/06.

Pierskalla, C., Siniscalchi, J., Hammitt, W., **Smaldone, D.**, & S. Storck. (2006). Identifying Predictors for Quality and Quantity Restorative Character of Wilderness: Using Events as an Analysis Unit. *Proceedings of the 2006 Northeastern Recreation Research Symposium*, GTR-NE. Bolton Landing, NY. 4/06.

Conference Proceedings/Abstracts:

Coble, T., Barrie, E., **Smaldone, D.**, Cardea, D., Constantine, C., & Galan, R. (2013). Mapping Public Engagement at Three National parks in Baltimore and Boston: Taking an in-depth look at Visitor-Park Interactions with an eye towards the future. In Paul Caputo (Ed.), *Interpretive Sourcebook*, Proceedings of the 2013 NAI National Workshop, Fort Collins, Colorado: National Association for Interpretation.

Smaldone, D., & Coble, T. (2012). Why don't visitors think more like me? In Paul Caputo (Ed.), *Interpretive Sourcebook*, Proceedings of the 2012 NAI National Workshop, Fort Collins, Colorado: National Association for Interpretation.

Coble, T., **Smaldone, D.**, McCarthy, C., & Hall, A. (2012). NASA Earth to Sky: New Insights for Climate Change Communication Effectiveness. In Paul Caputo (Ed.), *Interpretive Sourcebook*, Proceedings of the 2012 NAI National Workshop. Fort Collins, Colorado: National Association for Interpretation.

McCarthy, C., Coble, T.G., **Smaldone, D.** & Roberson, T. (2011). Creating a Legacy: Exhibit Effectiveness at Central High School NHS. In Paul Caputo (Ed.), *Interpretive Sourcebook*, Proceedings of the 2011 NAI National Workshop, pp. 130-131. Fort Collins, Colorado: National Association for Interpretation.

Coble, T.G., **Smaldone, D.** & McCarthy, C. (2011). Earth to Sky: Evaluating an Inter-Agency Partnership to Create Effective Climate Change Communication. In Paul Caputo (Ed.), *Interpretive Sourcebook*, Proceedings of the 2011 NAI National Workshop, pp. 109-111. Fort Collins, Colorado: National Association for Interpretation.

Smaldone, D. (2010). Comparing the needs of EE providers and State Extension agents. Buffalo, NY. North American Environmental Education Research Symposium and Conference.

Coble, T., **Smaldone, D.**, McCarthy, C. (2010). Connecting to a civic rights museum: a multi-layered evaluation. *2010 Interpretive Sourcebook*. Fort Collins, CO: InterpPress.

Coble, T., **Smaldone, D.**, McCarthy, C. (2010). EARTH TO SKY: Evaluating an Interagency Community of Practice for Climate Change Interpretation. *2010 Interpretive Sourcebook*. Fort Collins, CO: InterpPress.

Roberson, T., Coble, T., **Smaldone, D.**, & McCarthy, C. (2009) Mixed method evaluations: What they reveal and how to conduct them successfully under OMB guidelines. *2009 Interpretive Sourcebook*. Fort Collins, CO: InterpPress.

Smaldone, D. (2008). Making the Link From Interpretive Theory to Practice. *2008 Interpretive Sourcebook*. Fort Collins, CO: InterpPress.

Smaldone, D. (2007). Place meanings and critical park issues in Grand Teton National Park. *Proceedings of the 2007 Northeastern Recreation Research Symposium*, GTR-NE. Bolton Landing, NY. 4/07.

Smaldone, D. (2006). EROTIC Meaning-Making—Connecting the Models. *2006 Interpretive Sourcebook*. Fort Collins, CO: InterpPress.

Smaldone, D. (2006). The Role of Time in Place Attachment. *Proceedings of the 2006 Northeastern Recreation Research Symposium*, GTR-NE. Bolton Landing, NY, 4/06.

Wiles, B. & **Smaldone, D.** (2005). The Wave of the Future: Interpretive Partnerships. *2005 Interpretive Sourcebook*. Fort Collins, CO: InterpPress.

Technical Reports:

Vesper, D., Feller, D., Van Alen, Benoit, & Smaldone, D. (2016). Assessing the Vulnerability of Sensitive Karst Habitats Containing RTE Species in CHOH. Final Report submitted to the Department of the Interior, National Park Service, CHOH. 86pp.

Coble, T., **Smaldone, D.**, Barrie, E., Constantine, C., & Feng A. (2016). Exploring Visitor Pathways at Three National Park Visitor Centers in the Northeast Region: Northeast Region Public Engagement Project. Final evaluation report submitted to the Northeast Region of the National Park Service. 78pp.

Smaldone, D., Selin, S., & Balcarczyk, K. (2015). Evaluation Plan of the U.S. Fish and Wildlife Service's Role in the Youth in the Great Outdoors Initiative: *Final Evaluation Synthesis Report*. Final Report submitted to U.S. Fish and Wildlife Service, National Conservation Training Center. 39pp.

Smaldone, D., & Hessel, A. (2015). Cliff Ecology Monitoring Plan & Protocol. Final plan submitted to the New River Gorge National River, National Park Service. 23pp.

Smaldone, D., Selin, S., & Balcarczyk, K. (2014). Evaluation Plan of the U.S. Fish and Wildlife Service's Role in the Youth in the Great Outdoors Initiative: *Undergraduate Interview Report*. Report submitted to the U.S. Fish and Wildlife Service, National Conservation Training Center. 37pp.

Smaldone, D., Selin, S., & Balcarczyk, K. (2014). Evaluation Plan of the U.S. Fish and Wildlife Service's Role in the Youth in the Great Outdoors Initiative: *Manager Survey Report*. Report submitted to the U.S. Fish and Wildlife Service, National Conservation Training Center. 35pp.

Smaldone, D., Selin, S., & Balcarczyk, K. (2014). Youth Interest in Natural Resources: A Literature Review. Report submitted to the U.S. Fish and Wildlife Service, National Conservation Training Center. 32pp.

Smaldone, D., & McKenney, K. (2013). Recreation in the New River Gorge: An assessment of visitor attitude and beliefs related to cliff management. Report submitted to the New River Gorge National River, National Park Service. 111pp.

Smaldone, D., Selin, S., & Balcarczyk, K. (2013). Evaluation Plan of the U.S. Fish and Wildlife Service's Role in the Youth in the Great Outdoors Initiative: *Recent Hire Interview Report*. Report submitted to the U.S. Fish and Wildlife Service, National Conservation Training Center. 62pp.

Smaldone, D., Selin, S., & Balcarczyk, K. (2013). Evaluation Plan of the U.S. Fish and Wildlife Service's Role in the Youth in the Great Outdoors Initiative: *Manager Interview Report*. Report submitted to the U.S. Fish and Wildlife Service, National Conservation Training Center. 60pp.

Smaldone, D. (2013) Self-Study Report of the Recreation, Parks and Tourism Resources M.S. Degree. WVU Board of Governors Archives, West Virginia University.

Smaldone, D. (2013) Self-Study Report of the Recreation, Parks and Tourism Resources B.S.R. Degree. WVU Board of Governors Archives, West Virginia University.

Coble, T.G., **Smaldone, D.,** McCarthy, C. (2012). ETS V: Communicating Climate Change Workshop Evaluation. Report submitted to the National Park Service and National Aeronautics and Space Administration. 96 pp.

McCarthy, C., Coble, T.G., **Smaldone, D.** (2011). Evaluating the Earth to Sky Community of Practice: Climate Change Activities and Recommendations. Report submitted to the National Park Service and National Aeronautics and Space Administration. 80pp.

Burns, R.C., **Smaldone, D.,** Absher, J., and Mestrovic, A. (2011). 2010 Klamath River recreation use study: An evaluation of river use patterns. Submitted to USDA Forest Service, Region 5, Klamath National Forest, Sonora, California, 63 pp.

Burns, R.C., **Smaldone, D.,** Absher, J., and Mestrovic, A. (2011). 2010 Region 5 Wilderness recreation use study: An evaluation of Wilderness use for the Stanislaus National Forest. Submitted to USDA Forest Service, Region 5, Stanislaus National Forest, Sonora, California, 89 pp.

Coble, T., **Smaldone, D.,** & McCarthy, C. (2010). Earth to Sky IV: Communicating Climate Change. Evaluation Report submitted to the National Park Service and National Aeronautics and Space Administration. 109pp.

Coble, T., **Smaldone, D.**, McCarthy, C., & Roberson, T. (2010). Transforming History, Creating a Legacy: An Evaluation of Exhibit Effectiveness at Little Rock Central High School National Historic Site. Evaluation Report submitted to the National Park Service. 142pp.

Coble, T., **Smaldone, D.**, & McCarthy, C. (2009). Earth to Sky III: Developing an Inter-agency Community of Practice on Climate Change. Evaluation Report submitted to the National Park Service and National Aeronautics and Space Administration. 118pp.

Smaldone, D., & Strickland, S. (2009). West Fork Rail Trail Master Interpretive Plan. Plan submitted to the Monongahela National Forest, USDA USFS. 28pp.

Smaldone, D. (2009). A Needs Assessment of West Virginia Environmental Educators. Draft Report submitted to the West Virginia Environmental Education Association.

Smaldone, D., Burns, R. Deng, J., Pierskalla, C., & Selin, S., (2009) Self-Study Report of the Recreation, Parks and Tourism Resources M.S. Degree. WVU Board of Governors Archives, West Virginia University. 82pp. (*I was lead writer*).

Burns, R. Deng, J., Pierskalla, C., Selin, S., and **Smaldone, D.** (2009) Self-Study Report of the Recreation, Parks and Tourism Resources B.S.R. Degree. WVU Board of Governors Archives, West Virginia University.

Burns, R. Deng, J., Pierskalla, C., Selin, S., and **Smaldone, D.** (2009). *Accreditation Self-Study Report of the Recreation, Parks and Tourism Resources Program*. Prepared for the Committee on Accreditation of the Society of American Foresters. Office of the Provost Archives, West Virginia University. 113 pp.

Smaldone, D., Wang, J., & Cooper, L. (2008). The C&O Canal National Historical Park's "Your Towpath to Healthy Living Challenge". Final Health & Recreation Pilot Project Report Submitted to the National Park Service and the C&O Canal National Historical Park. Technical Report submitted to the National Park Service. 18pp.

Smaldone, D. (2008). A Capacity Building Model for the West Virginia Environmental Education Association. Final Report submitted to the West Virginia Environmental Education Association. 29 pp.

Selin, S., Pierskalla, C. & **Smaldone, D.** (2007). Social Learning and Building Trust through a Participatory Design for the Monongahela National Forest Trails Planning Project. Technical Report submitted to the Monongahela National Forest, USFS, USDA. 57pp.

Smaldone, D. (2006). The National Park Service's Interpretive Development Program Template Evaluation (Phase 1). Unpublished report submitted to the Stephen T. Mather Training Center, National Park Service. 17pp.

Smaldone, D. (2001). A Study of Grand Teton National Park Visitors Summer & Fall 2000: Characteristics, critical issues and special places. Publication # 946, Idaho Forest, Wildlife and Range Experiment Station, College of Natural Resources, University of Idaho, Moscow, Idaho. 67pp.

Smaldone, D., and Harris, C.C. (1997). Sense of Place on the Clearwater National Forest. Submitted to the USDA Forest Service, Clearwater National Forest, Orofino, ID. Idaho Forestry, Wildlife and Range Experiment Station, College of Forestry, Wildlife and Range Sciences, University of Idaho, Moscow, Idaho.

Dissertation and Thesis:

Smaldone, D. (2002). An Exploration of Place Attachment in the Jackson Hole Valley. Doctoral Dissertation, University of Idaho, Moscow, ID.

Smaldone, D. (1996). The Relationship of Visuospatial Ability and Memory to Dream Recall. Unpublished Master's Thesis, Loyola College, Baltimore, MD.

Other publications:

Smaldone, D. (2013). Planning Interpretive and Education Programs for Wetlands. In Anderson, J., & Davis, C. (Eds). *Wetland techniques*. Springer. (**Book chapter**).

Smaldone, D., Coble, T., McCarthy, C., Roberson, T., & Strickland, S. (2012). An evaluation of exhibit effectiveness at Little Rock Central High School National Historic Site. *Intersection* (magazine of the National Association for Interpretation Sections). February 23, 2012. pg. 4-7. Available online at: <http://issuu.com/interp/docs/intersection-2012-01>.

Smaldone, D. (1999). "Listening to the Universe." Marsh Notes, Jug Bay Wetlands Sanctuary Newsletter.

CONFERENCE PRESENTATIONS

Smaldone, D., Coble, T., & Barrie, E.. (2017). What are They Really Doing? Using Observations to Understand Interpretive Experiences Across Sites. Poster presented at the *National Environment and Recreation Research Symposium*. Annapolis, MD. 4/17.

Smaldone, D. (2016). Citizen Science & Interpretation: a New Way to Build Resource Connections? Presentation at the *National Association of Interpretation, Region 2 Workshop*. Berkeley Springs, WV. 9/16.

Richardson, B., Pierskalla, C., & Selin, S., & **Smaldone, D.** (2016). Interpreting "consultation:" Native American and federal agency perceptions of engagement

practices. Paper presented at the *Northeastern Recreation Research Symposium*. Annapolis, MD. 4/16.

James, C., & **Smaldone, D.** (2016). The Rise of Adventure Obstacle Racing—Trends and Implications. Poster presented at the *Northeastern Recreation Research Symposium*. Annapolis, MD. 4/16.

Smaldone, D. (2015). Hikers and Climbers in the New River Gorge — Comparing Low Impact attitudes and sources of trust. Poster presented at the *Northeastern Recreation Research Symposium*. Annapolis, MD. 4/15.

Smaldone, D., Coble, T., Barrie, E., Cardea, D., Constantine, C. (2015). Linking interpretive facilities and visitor experiences--how visitor observations and interviews can reveal a rich story. Paper presented at the *National Association for Interpretation conference*. Virginia Beach, VA. 11/15.

Smaldone, D. (2015). Best practices in using Interpretation to Connect Visitors to Places. Paper presented at the *National Association for Interpretation Region 2 Workshop*. Gettysburg, PA. 3/15.

Coble, T., Galan, R., Stephens Williams, P., McBroom, M., **Smaldone, D.**, Paglierani, R., & Heber, E. (2014). *Science and the Public Interface: A Partnership to Develop Courses to Equip Informal Science Educators to Engage the Public regarding Complex and Controversial Science Topics*. Paper presented at the *BCUENR 10th Biennial Conference on University Education in Natural Resource*. Auburn, AL. March 14, 2014.

Balcarczyk, K., **Smaldone, D.**, & Selin, S. (2014). Recruiting and retaining culturally diverse students in natural resource degree programs. Paper presented at the *BCUENR 10th Biennial Conference on University Education in Natural Resource*. Auburn, AL. March 14, 2014.

Balcarczyk, K., **Smaldone, D.**, & Selin, S. (2014). Increasing Diversity in our Professions: Understanding Undergraduate Perceptions. Poster presented at the *Northeastern Recreation Research Symposium*. Cooperstown, NY. April 6, 2014.

McKenney, K., **Smaldone, D.** Burns, R., & Selin, S. (2013). Rock Climbing in the New River Gorge: Attitudes of Climbers toward Cliff Resource Management. Poster presented at the *Northeastern Recreation Research Symposium*. Cooperstown, NY. April 7, 2013.

Balcarczyk, K., **Smaldone, D.**, & Selin, S. (2013). Benefits, Downsides, and barriers to hiring young adults In a Natural Resource Management Agency. Poster presented at the *Northeastern Recreation Research Symposium*. Cooperstown, NY. April 7, 2013.

Riley, C., Burns, R., Graefe, A., Pierskalla, C., **Smaldone, D.**, Williams, S., & K. Maumbe. (2013). Exploring the Impact of an Alcohol Ban on Off-Highway Vehicle Recreationists in the Oregon Dunes NRA. Paper presented at the *Northeastern Recreation Research Symposium*. Cooperstown, NY. April 7, 2013.

Hutson, G. Attartian, A., **Smaldone, D.**, Heintzmen, P., & Berlier, T. (2013). Rock Climbing Research and Management in the 21st Century: Where Are We Headed Now? Roundtable presented at the *Northeastern Recreation Research Symposium*. Cooperstown, NY. April 8, 2013.

Balcarczyk, K., **Smaldone, D.**, & Selin, S. (2013). Natural Resource Career Paths: applying the social cognitive career theory. Paper presented at the *42nd North American Association for Environmental Education Research Symposium and conference*. Baltimore, MD. Oct. 9, 2013.

Smaldone, D. (2013). Climber attitudes towards cliff management at the New River Gorge National River. Paper presented at the *19th International Symposium on Society and Resource Management*. Estes Park, CO. June 7, 2013

Balcarczyk, K., **Smaldone, D.**, & Selin, S. (2013). Supports and barriers that influenced the natural resource career path of young adults and underrepresented groups. Poster presented at the *19th International Symposium on Society and Resource Management*. Estes Park, CO. June 6, 2013.

Balcarczyk, K., **Smaldone, D.**, & Selin, S. (2013). Career path barriers, job satisfaction, and retention: perceptions of diverse young adults. Paper presented at the *Future of Diversity in our Discipline and Careers: Natural Resources and the Environment conference*. June 20, 2013.

Coble, T., Barrie, E., **Smaldone, D.**, Cardea, D., Constantine, C., & Galan, R. (2013). Mapping Public Engagement at Three National Parks in Baltimore and Boston: Taking an In-depth Look at Visitor-Park Interactions with an Eye toward Future Strategies. Paper presented at the *National Association for Interpretation conference*. Reno, NV. Nov. 7, 2013.

Smaldone, D., & Coble, T. (2012). Why don't visitors think more like me? Paper presented at the *National Association for Interpretation conference*, Hampton, VA. November 14, 2012.

Coble, T., **Smaldone, D.**, McCarthy, C., & Hall, A. (2012). NASA Earth to Sky: New Insights for Climate Change Communication Effectiveness. Paper presented at the *National Association for Interpretation conference*. Hampton, VA. November 14, 2012.

Balcarczyk, K., **Smaldone, D.**, & Selin, S. (2012). Barriers to Hiring Young Adults in a natural resource Agency. Paper Presented at the *North American Environmental Education Research Symposium and Conference*. Oakland, CA. 10/12.

Riley, C.J., Pierskalla, C., Burns, R., Graefe, A., **Smaldone, D.**, & Williams, S. (2012). Understanding Off-Highway Vehicle Recreationists in the Oregon Dunes/Sand Lake Recreation Area: A Ten Year Trend Study, Paper presented at the *18th International Symposium on Society and Resource Management*. University of Alberta, Edmonton, Alberta, Canada, 5/12.

Riley, C.J., Pierskalla, C., Burns, R., Graefe, A., **Smaldone, D.**, & Williams, S. (2012). Understanding Off-Highway Vehicle Recreationists in the Oregon Dunes/Sand Lake Recreation Area: A Trend Study, Paper presented at the 24th *Annual Northeastern Recreation Research Symposium*. Cooperstown, NY, 2012.

Smaldone, D. (2012). Assessing Rock Climbing Trends at the New River Gorge National River. Poster presented at the Northeastern Recreation Research Symposium (NERR), Cooperstown, NY. 4/12.

Balcarczyk, K., **Smaldone, D.**, & Selin, S. (2012). Evaluation of the Youth in the Great Outdoors Initiative. Poster presented at the *University Education and Natural Resources Conference*. Fort Collins, CO. 3/12.

Smaldone, D., Selin, S., & Balcarczyk, K. (2011). Evaluation of the Youth in the Great Outdoors Initiative. Poster presented at the *North American Environmental Education Research Symposium and Conference*. Raleigh, NC. 10/11.

McCarthy, C., Coble, T.G., **Smaldone, D.** & Roberson, T. (2011). National Interpreter's Workshop, "Creating a Legacy: Exhibit Effectiveness at Central High School NHS," Paper presented at the *National Association for Interpretation conference*, St. Paul, Minnesota. November 9, 2011.

Coble, T.G., **Smaldone, D.**, McCarthy, C. & Hall, A. (2011). National Interpreter's Workshop, "Earth to Sky: Evaluating an Inter-Agency Partnership to Create Effective Climate Change Communication," Paper presented at the *National Association for Interpretation Conference*, St. Paul, Minnesota. November 10, 2011.

Absher, J., Burns, R.C., and **Smaldone, D.** (2011). The "need" for commercial outfitters and guides: Social, legal and definitional challenges to Wilderness or river management. Paper presented at the The 17th International Symposium on Society and Resource Management. Madison, Wisconsin. Jun 4—8th.

Ferguson, M. D., Burns, R. C., **Smaldone, D. S.**, & Absher, J. D. (2011). *A segmentation study of Klamath River users*. Poster presented at the National Association of Recreation Resource Planners (NARRP) conference, Breckenridge, CO. 4/11.

Ferguson, M. D., Burns, R. C., **Smaldone, D. S.**, & Absher, J. D. (2011). *A segmentation study of Klamath River users*. Poster presented at The 20th Northeastern Recreation Research Symposium (NERR), Bolton Landing, NY. 4/11.

Strickland, S., & **Smaldone, D.** (2011). Meaning-Making, Interpretation, & Civic Engagement at Little Rock Central High School NHS. Paper presented at the *Northeastern Recreation Research Symposium*, Bolton Landing, NY. 4/11.

Olcott, D., & **Smaldone, D.** (2011). Assessing Patterns of Visitor Use and Impact on Cliff Resources in the New River Gorge National River, West Virginia. Paper presented at the *Northeastern Recreation Research Symposium*, Bolton Landing, NY. 4/11.

Mestrovic, A., **Smaldone, D.**, Burns, R., & Absher, J. (2011). Wilderness Users' Perceptions of Crowding, Conflict and Trip Experience. Poster presented at the *Northeastern Recreation Research Symposium*, Bolton Landing, NY. 4/11.

Belknap, C.J., Pierskalla, C., **Smaldone, D.**, Price, T., Corio, G., & Harlan, N. (2011). The Impacts of an Outdoor Orientation Program on Participants Self Evaluated Trait Emotional Intelligence. Poster presented at the *Northeastern Recreation Research Symposium*, Bolton Landing, NY. 4/11.

Smaldone, D. (2010). Comparing the needs of EE providers and State Extension agents. Paper presented at the *North American Environmental Education Research Symposium and Conference*. Buffalo, NY. 9/20.

Smaldone, D. (2010). Developing Memorable Themes. Presentation at the Region 2 *National Association for Interpretation* workshop. Cacapon State Park, WV. 9/10.

Coble, T., **Smaldone, D.**, McCarthy, C. (2010). Connecting to a civic rights museum: a multi-layered evaluation. Paper presented at the *National Interpreters Workshop*, Las Vegas, NV, 11/10.

Coble, T., **Smaldone, D.**, McCarthy, C. (2010). Earth-to-Sky: Evaluating an Interagency Community of Practice for Climate Change Interpretation. Paper presented at the *National Interpreters Workshop*, Las Vegas, NV, 11/10.

Thompson, K., Pierskalla, C., Selin, S. & **Smaldone, D.** (2010). Social Worlds of Rock Climbers at Seneca Rocks, West Virginia: Implications for Recreation Planning and Management. Paper presented at the *2010 International Symposium on Society and Natural Resource Management*. Corpus Christi, TX. 7/10.

Hoden, M., **Smaldone, D.**, Burns, R., & Corio, G. (2010). Constraints to Participation in an Outdoor Orientation Program. Poster presented at the *Northeastern Recreation Research Symposium*. Bolton Landing, NY. 3/10.

Smaldone, D. & See, A. (2010). A Needs Assessment of WV Environmental Educators. Poster presented at the *West Virginia Environmental Education Association conference*. Harpers Ferry, WV. 3/10.

Smaldone, D. (2009). Increasing Walking at the C&O Canal National Historical Park: an Intervention Focused on Local Employees. Paper presented at the *Northeastern Recreation Research Symposium*. Bolton Landing, NY. 3/09.

Strickland-Harris, S., **Smaldone, D.**, & Fosbender, J. (2009). A Plan for Interpreting the

West Fork Rail Trail, Monongahela National Forest, WV. Poster presented at the Northeastern Recreation Research Symposium, Bolton Landing, NY. 3/09.

See, A., & **Smaldone, D.** (2009). A Needs Assessment of West Virginia Environmental Educators. Poster presented at the Northeastern Recreation Research Symposium, Bolton Landing, NY. 3/09.

Grout, S., Pierskalla, C., **Smaldone, D.**, & Corio, G. (2009). Examination of Challenge Course Based Pre-Orientation Programs. Poster presented at the Northeastern Recreation Research Symposium, Bolton Landing, NY. 3/09.

Smaldone, D. (2008). *Making the Link From Interpretive Theory to Practice*. Paper presented at the National Interpreters Workshop, Portland, OR. 11/08.

Bricker, K.S., Leahy, J., **Smaldone, D.**, Mowen, A., and Pierskalla, C. (2008). *Increasing Walking at the C&O Canal National Historical Park: an Intervention Focused on Local Employees*. Invited panelist on Health, parks, recreation, & tourism. Northeastern Recreation Research Symposium, Bolton Landing, NY. 4/08.

Lawson, L., & **Smaldone, D.** (2008). *Using Theoretically Derived Target Messages to Increase Walking Participation in an Intervention Focused on Local Employees*. Poster presented at the Northeastern Recreation Research Symposium, Bolton Landing, NY. 4/08.

Dey, S. & **Smaldone, D.** (2007). *West Virginia Capacity Building Project: Assessment of EE Organizations*. Poster presented at the North American Association for Environmental Education, Virginia Beach, VA. 11/07.

Pierskalla, C., Selin, S. & **Smaldone, D.** (2007). *Identifying Predictors for Quality and Quantity Restorative Character of Wilderness*. Paper presented at the Society of American Forestry Conference. Portland, OR. 10/07.

Smaldone, D. (2007). *Meaning-Making—Connecting the Models*. Paper presented at the National Association for Interpretation Region 2 Workshop. Lewes, DE. September 20, 2007.

Selin, S., Pierskalla, C., & **Smaldone, D.** (2007). *Social Learning and Building Trust through a Participatory Design for National Forest Trail Planning*. Paper presented at the International Symposium on Society and Resource Management, Salt Lake City, UT. 6/07.

Pierskalla, C., Saunders, K. McGill, D., & **Smaldone, D.** (2007). Forest landscape assessment: the effects of pre-experience education on public perception of scenic beauty. Paper presented at the 2007 Northeastern Recreation Research Symposium; Bolton Landing, NY. 4/07.

Smaldone, D. (2007). *Place meanings and critical park issues in Grand Teton National Park*. Paper presented at the Northeastern Recreation Research Symposium, Bolton Landing, NY. 4/07.

Dey, S. & **Smaldone, D.** (2007). *West Virginia Environmental Education Capacity Building Project: A Nationwide Assessment of State-level Environmental Education Organizations*. Poster presented at the Northeastern Recreation Research Symposium, Bolton Landing, NY. 4/07.

Smaldone, D. (2006). *EROTIC Meaning-Making—Connecting the Models*. Paper presented at the National Interpreters Workshop. Albuquerque, NM. November 12, 2006. (Awarded WVU Travel Grant, \$550, to attend & present).

Bricker, K., Cavaliere, C., Kline, C., **Smaldone, D.**, Weiner, D., Honey, M., Gale, T., Deng, J., Duarte, M., Millington, S., & Cottrell, S. (2006). *International Ecotourism Certificate Collaborative: A Multidisciplinary Model for Ecotourism Education*. Poster at National Extension Tourism Conference in Burlington, VT, Sept 8, 2006.

Smaldone, D. (2006). *The Role of Time in Place Attachment*. Paper presented at the Northeastern Recreation Research Symposium, Bolton Landing, NY. 4/06.

Pierskalla, C., Siniscalchi, J., Hammitt, W., **Smaldone, D.**, & S. Storck. (2006). Identifying Predictors for Quality and Quantity Restorative Character of Wilderness: Using Events as an Analysis Unit. Paper presented at the Northeastern Recreation Research Symposium. Bolton Landing, NY. 4/06.

Wiles, B. & **Smaldone, D.** (2005). *The Wave of the Future: Interpretive Partnerships*. Paper presented at the National Interpreters Workshop. Mobile, AL. November 10, 2005.

Smaldone, D., & Harris, C.C. (2005). *Place Attachment as Process: The Case of Jackson Hole, WY*. Paper presented at the George Wright Society Biennial Conference on Parks, Protected Areas and Cultural Sites. Philadelphia, PA. March 14-18, 2005.

National Interpreter's Workshop. (2004). Attendee. Grand Rapids, MI. November 16-20, 2004.

Greater Yellowstone Power of Place Conference. (2004). **Invited Panelist** for two panels: 1) Education, and 2) Communities. Jackson Hole Ski Resort, Wilson, WY. January 22-24, 2004.

Smaldone, D., Harris, C., & Sanyal, N. (2002). *An Exploration of Place Attachment in Grand Teton National Park and the Jackson Hole Valley*. Paper presented at the 9th International Symposium on Society and Resource Management. Bloomington, IN, June 2-5, 2002.

Smaldone, D. (2001). *Place Attachment in Grand Teton National Park*. Paper presented

at the Human Dimensions of Natural Resources in the Western U.S Conference. Alta, WY. October, 2001.

Building Partnerships in Gateway Communities. (1998). Session recorder. Tacoma, WA. October 24-26, 1998.

RESEARCH GRANTS

- 2017 **Principal Investigator**, “Visitor Evaluation of Tradeoffs Associated with Summer Season Experiences and Management Options in Yellowstone National Park. RFI to the National Park service.” (Smaldone, Strager, Yuill). *(Not accepted/awarded)*
- Co-Principal Investigator**, “Davis College Reedsville Restoration Research Plan.” WV Conservation Association. \$387,986. (PI: Hubbard: Anderson, Kellner, Kinder, Petty, Schuler, Strager, Skousen, Smaldone). Award in process.
- Co-Principal Investigator**, “Environmental STEM Research Project.” USGS. \$92,335. (PI: Ziemkiewicz; Anderson, Petty, Smaldone, Thomas, Zegre).
- Principal Investigator**, “Citizen Science and Informal STEM Education—a Natural Connection.” NSF, AISL. \$299,961. (Anderson, Brzostiek, Merriam, Spillane, Thomas, Zegre). *(Not awarded)*
- 2015 **Co-Principal Investigator**, “NPS Northeast Region Public Engagement Evaluation Evaluating”, Travel Award. National Park Service, \$2,800. (Coble, Smaldone, Barrie).
- 2014 **Co-Principal Investigator**, “Science & the Public Interface (a second follow-up grant to the 2013 grant)”. Institute of Museum & Library Services (IMLS), \$499,000. (Coble, Williams, McBroom, Paglierani, Smaldone). *(Not awarded)*
- 2013 **Co-Principal Investigator**, “Science & the Public Interface”. Institute of Museum & Library Services (IMLS), \$247,150. (Coble, Williams, McBroom, Paglierani, Smaldone).
- 2012 **Principal Investigator**, “A Comprehensive Assessment of Natural Resources and Visitor Impacts to Cliff Habitats in the New River Gorge

National River”, National Park Service, \$65,190 in 2012. (Smaldone, Hessel, Kite).

Co-Principal Investigator, “Vulnerability of sensitive karst habitats”, National Park Service, \$119,000 in 2012. (Vesper, Van Aken, Smaldone, Culver).

Co-Principal Investigator, “NPS Northeast Region Public Engagement Evaluation Evaluating”, National Park Service, \$74,999. (Coble, Smaldone, Barrie).

2011 **Co-Principal Investigator**, NCTC Evaluation of the Youth in the Great Outdoors Initiative, National Conservation Training Center, US Fish & Wildlife Service, \$79,739 in 2011. (Smaldone, Selin).

Principal Investigator, “A Comprehensive Assessment of Natural Resources and Visitor Impacts to Cliff Habitats in the New River Gorge National River”, National Park Service, \$71,280 in 2011. (Smaldone, Hessel, Kite).

Co-Principal Investigator, Assessing sensitive karst areas in NPS sites of the National Capital Region, National Park Service, \$100,000 in 2011. (Vesper, Van Aken, Smaldone, Culver).

Principal Investigator, Travel grant for “Evaluating Earth to Sky: A NPS-NASA partnership”, National Park Service/NASA, \$5,000. (Smaldone).

2010 **Co-Principal Investigator**, NCTC Evaluation of the Youth in the Great Outdoors Initiative, National Conservation Training Center, US Fish & Wildlife Service, \$74,895 in 2010. (Smaldone, Selin).

Co-Principal Investigator, “Evaluating Earth to Sky: A NPS-NASA partnership”, National Park Service/NASA, \$22,000. (Coble, Smaldone).

Principal Investigator, “A Comprehensive Assessment of Natural Resources and Visitor Impacts to Cliff Habitats in the New River Gorge National River”, National Park Service, \$99,000 in 2010. (Smaldone, Hessel, Kite).

Co-Principal Investigator, Stanislaus & Klamath National Forest Visitor Use Monitoring/Social Carrying Capacity, Region 5, USDA Forest Service; Project Duration: May 2010-September 2012, \$113,000. (Burns, Smaldone)

Co-Principal Investigator, Monongahela National Forest Trails Planning Project, USFS, USDA, \$10,000. (Pierskalla, Selin, Smaldone, Burns).

2009 **Principal Investigator**, “A Comprehensive Assessment of Natural Resources and Visitor Impacts to Cliff Habitats in the New River Gorge National River”, National Park Service, \$237,000 total. (pending). (Smaldone, Hessel, Kite).

Co-Principal Investigator, Assessing sensitive karst areas in NPS sites of the National Capital Region, National Park Service, \$232,000 (over 3 years starting in 2011). (Vesper, Van Aken, Smaldone, Culver).

2008 **Principal Investigator**, “West Fork Interpretive Master Plan”; USDA USFS, Monongahela National Forest, \$28,000. (Smaldone).

Co-Principal Investigator, “Central High School NHS Exhibit Evaluation”, National Park Service, \$12,781. (Coble, Smaldone).

Co-Principal Investigator, “Rothkugel Plantation Conservation / Interpretive Plan Research Project”; WVU Extension Service Grant. \$2,000. (Plaughter, McGill, Smaldone)

Contractor, Park Studies Unit, University of Idaho & the National Park Service; Blue Ridge Parkway Visitor Services Project, June 2008.

Principal Investigator; Needs Assessment of Environmental Educators in West Virginia. West Virginia Environmental Education Association. Olgebay Institute, \$15,673. (Pending). (Smaldone).

2007 **Principal Investigator**; “Increasing walking at the C&O Canal NHP: an intervention focused on local employees”; National Park Service Cooperative Ecosystem Studies Unit project; \$32,741. (Smaldone, Wang, Cooper).

Co-Principal Investigator, “Cranberry Mountain Nature Center Interpretive Needs Assessment”; USDA USFS, Monongahela National Forest, \$15,000. (Smaldone, Pierskalla).

2006 **Co-Principal Investigator**, “Developing a ‘How-to’ Instructional Booklet for Hosting Educational Forestland Tours”; WVU Extension Service Grant. \$2,000. (Plaughter, McGill, Smaldone)

Principal Investigator, The National Park Service's Interpretive Development Program Template Evaluation (Phase 1). Pilot study evaluating the NPS IDP program in regards to: 1) time, 2) difficulty, and 3) consistency. (Smaldone). Unfunded.

Principal Investigator, Developing a Successful State-Level EE Organization: A Nation-wide Assessment. West Virginia Environmental Education Association. (Smaldone). Unfunded.

2005 **Principal Investigator**, *West Virginia University*. Planning and Evaluating the Effectiveness of Interpretive Products. McIntire-Stennis Project.

Co-Principal Investigator, Monongahela National Forest Trails Planning Project, USFS, USDA, \$110,000. (Pierskalla, Selin, Smaldone, Burns).

2000-2002 **Principal Investigator**, *University of Idaho*. This project was a contract with Grand Teton National Park to assess visitor demographics, activities, and level of awareness of critical park management issues. Developed survey instrument, distributed surveys, performed data entry and analysis, and wrote the final report. (\$2,400).

DEPARTMENTAL AND COLLEGE COMMITTEE SERVICE

2017 Program Coordinator of RPTR Program (1/17-8/17)
Revised RPTR Undergrad Student Learning Outcomes. Developed RPTR Curriculum map (linking Student learning Outcomes to classes/assignments).

Chair, Student Retention Committee, Division of Forestry & Natural resources

Chair, WVU Adventure Recreation Course Committee

Faculty Advisor, Professional Parks & Recreation Society Club (PRPS)

Served on University Forest Planning Committee (DFNR)

Finalized and installed 2 interpretive signs for the Westvaco Center, University Forest, WVU. This was to highlight wildlife mounts donated by Dr. Dave Samuel. Worked with Dr. Samuel/Davis College to have more wildlife educational material available online.

Finalized and installed 5 interpretive signs for the “Environmental STEM Research Project”, related to forest ecosystem services at the Summit Bechtel Reserve Boy Scout facility, WV. Co-PI’s on that project are Dr. N. Zegre, Dr. J. Anderson, Dr. T. Petty, & Dr. R. Thomas.

Coordinated my graduate citizen science class as they developed a new CS project focused on Garlic Mustard monitoring & eradication, at the WVU Core Arboretum.

2016 Program Coordinator of RPTR Program (resumed 9/16)

Continued offering the WV Heritage Certified Interpretive Guide program, in partnership with WVU Extension. This is a 2 part program: 6 weeks online, self-paced learning modules, 2) half-day in person workshop.

Faculty Advisor, Professional Parks & Recreation Society Club (PRPS)

Served on University Forest Planning Committee

Westvaco Center, University Forest, WVU. Graduate interpretation class developed 2 interpretive signs for this site, in collaboration with Dr. Dave Samuel. Working with Dr. Samuel to have more wildlife educational material available online. To be installed early 2017.

Developed 4 draft interpretive signs for the “Environmental STEM Research Project”. PI’s on that project are Dr. N. Zegre, Dr. J. Anderson, Dr. T. Petty, & Dr. R. Thomas. Project location/partner: Summit Bechtel Reserve Boy Scout facility, WV.

Collaborated with WVU Core Arboretum Director, and supervised a grad student developing a citizen science project, a Phenology Trail, at the Arboretum.

2015 Program Coordinator of the RPTR Program (through 8/15); Academic Coordinator for RPTR starting 8/15

Continued offering the WV Heritage Certified Interpretive Guide program, in partnership with WVU Extension. This is a 2 part program: 6 weeks online, self-paced learning modules, 2) half-day in person workshop.

Faculty Advisor, Professional Parks & Recreation Society Club (PRPS)

Served on Division Seminar Committee

Served on Division Undergraduate Research Committee

Served on University Forest Planning Committee

Faculty Search Committee (1). Served as School of Natural Resources representative on School Director search committee to hire the new Director for the School of Design and Community Development, Davis College.

2014 Program Chair of the RPTR Program

Continued offering the WV Heritage Certified Interpretive Guide program, in partnership with WVU Extension. This is a 2 part program: 6 weeks online, self-paced learning modules, 2) half-day in person workshop.

Faculty Advisor, Professional Parks & Recreation Society Club (PRPS)

Served on Division Seminar Committee

Served on Division Undergraduate Research Committee

Served on University Forest Planning Committee

Faculty Search Committee (1). Joint position between Davis College and College of Physical Activity and Sport Sciences. Recreation, Parks, & Tourism Resources Program, West Virginia University.

2013 Program Chair of the RPTR Program

Developed new WV Heritage Certified Interpretive Guide program, in partnership with WVU Extension. This is a 2 part program: 6 weeks online, self-paced learning modules, 2) half-day in person workshop.

Faculty Advisor, Professional Parks & Recreation Society Club (PRPS)

Served on Davis College Student Aid & Grants Committee

Served on Division Seminar Committee

Served on University Forest Planning Committee

Wrote both the RPTR undergraduate and graduate WVU Board of Governor's report, a 5 year review of the RPTR programs:

Smaldone, D. (2013). Self-Study Report of the Recreation, Parks and Tourism Resources B.S.R. Degree. Submitted to the Board of Governors Archives, West Virginia University.

Smaldone, D. (2013). Self-Study Report of the Recreation, Parks and Tourism Resources M.S. Degree. Submitted to the Board of Governors Archives, West Virginia University.

2012 Served as Program Chair of the RPTR Program (started 8/2012)

Served on Division Promotion & Tenure Committee

Served on Davis College Student Aid & Grants Committee

Served on Division Seminar Committee

Faculty Advisor, Professional Parks & Recreation Society Club (PRPS)

Reviewed WVU grant for Public Service.

2011 Served on Library Committee for the Davis College

Served on Division Promotion & Tenure Committee

Served on Division Seminar Committee

Faculty Advisor, Professional Parks & Recreation Society Club (PRPS)

2010 Served on Library Committee for the Davis College

Faculty Advisor, Professional Parks & Recreation Society Club (PRPS)

2009 Worked with other RPTR faculty to write SAF accreditation report:

Burns, R. Deng, J., Pierskalla, C., Selin, S., and Smaldone, D. (2009). *Accreditation Self-Study Report of the Recreation, Parks and Tourism Resources Program*. Prepared for the Committee on Accreditation of the Society of American Foresters. Office of the Provost Archives, West Virginia University. 113 pp.

Worked with RPTR Program Chair to write the WVU Board of Governors Report for the Recreation, Parks & Tourism Resources Program:

Burns, R. Deng, J., Pierskalla, C., Selin, S., & Smaldone, D. (2009). Self-Study Report of the Recreation, Parks and Tourism Resources B.S.R. Degree. Submitted to the Board of Governors Archives, West Virginia University.

Smaldone, D., Burns, R. Deng, J., Pierskalla, C., & Selin, S. (2009). Self-Study Report of the Recreation, Parks and Tourism Resources M.S. Degree. Submitted to the Board of Governors Archives, West Virginia University. 82 pp. (*Lead writer*).

- 2006 **Member, Strategic Planning subcommittee** for Davis College of Agriculture, Forestry & Consumer Sciences (Goal 2: Recruit & retain High-quality faculty & staff).
- 2005 **Faculty Search Committee** (1). Recreation, Parks, & Tourism Resources Program, West Virginia University.
- Division Curriculum Committee.** Division of Forestry, West Virginia University.
- 2004 **Faculty Search Committee** (1). Recreation, Parks, & Tourism Resources Program, West Virginia University.

COMMUNITY SERVICE

Ongoing:

2006-present Helped develop, and currently serving as the **WVU Academic Coordinator** for the University Consortium Certificate in Sustainable Tourism (UCC). This is a collaboration between The International Ecotourism Society (TIES) and six member universities: 1) WVU, 2) University of Utah, 3) University of South Carolina-Beaufort, 4) University of Southern Maine, 5) California Polytechnic State University, and 6) University of Minnesota.

Part of a committee that worked to start the **West Virginia Environmental Education Association (WVEEA)**. It is a state-level non-profit organization, with the following vision: “connecting, training and supporting a community of stewards in order to grow environmentally

aware and responsible citizens/individuals.” It is an affiliate of the North American Association of Environmental Educators (NAAEE), the National EE organization. Partners include the Oglebay Institute’s Schrader Environmental Education Center, EPA, USFWS (based out of the NCTC), and others around the state. I’ve been acting as research advisor.

- 2007-present West Virginia Botanic Garden, Volunteer and member.
Friends of Deckers Creek, Volunteer and member.
- 2009-2013 Moderator/Facilitator, Coopers Rock State Forest Recreation Advisory Committee.
- 2010-Present WV Botanic Garden—on Interpretive Sign Design Committee;
Conducted workshops on Nature Photography. Newsletter editor.
Mon River Trails Conservancy: Interpretive sign reviewer.
- 2017 Conducted a half day training on interpretation for the Americorps & VISTA volunteers, in Elkins, WV. 10/23/17.
Pearl Buck Birthplace, Hillsboro, WV. Finalized installation 5 interpretive signs for this site (signs developed in 2016 by my graduate interpretation class).
- 2016 Conducted a half day training on interpretation for the Americorps & VISTA volunteers, in Elkins, WV. 11/11/16.
Pearl Buck Birthplace, Hillsboro, WV. Graduate interpretation class developed 5 interpretive signs for this site.
- 2015 Appalachian Forest Heritage Area, Conducted a half day training on interpretation for the Americorps & VISTA volunteers, in Weston, WV. 9/15.
Completed three interpretive signs in collaboration with WVDOF/WVDNR that were installed at Coopers Rock State Forest.
Completed two interpretive signs (and 2 more draft signs) focused on wetlands for the Summit Bechtel Reserve Boy Scout facility near the New River Gorge.

My undergrad interpretation class developed 11 draft interpretive signs for an Outdoor Natural Play space at Linwood Daycare (Snowshoe, WV), in conjunction with WVU Extension agent) from Randolph/Barbour Counties.

Helped implement and evaluate the DiscoverLife in WV citizen science project—a Bioblitz that occurred at Coopers Rock S.F. in the Spring and Fall.

2014 Appalachian Forest Heritage Area, Conducted a half day training on interpretation for the Americorps & VISTA volunteers, in Weston, WV. 9/14.

Continued working with WVDOF/WVDNR on interpretive signs that will be installed at Coopers Rock State Forest.

Helped edit an interpretive sign for BOPARC (Board of Park & Recreation Commissioners, Morgantown, WV).

President, Morgantown Photography Club

2013 National Association for Interpretation: member of Finance Committee; Treasurer, College & Academic Section.

Appalachian Forest Heritage Area, Conducted a half day training on interpretation for the Americorps & VISTA volunteers, in Beverly, WV. 11/6/13.

Continued working with WVDOF on interpretive signs that will be installed at Coopers Rock State Forest.

Helped edit an interpretive sign on deer exclosures for the WV Botanic Garden.

President, Morgantown Photography Club

2012 With help from an undergraduate student doing an Independent Study, finished development of a series of 16 interpretive trail signs for Stonewall Jackson Lake Dam, Army Corps of Engineers, Weston, WV.

Worked with RPTR 685 grad students to develop interpretive signs for Coopers Rock State Forest. Signs will be finalized & installed in 2013.

Worked with RPTR 685 grad students to develop interpretive materials for use by Adventure WV on the new University Forest Canopy tour/Zipline.

Appalachian Forest Heritage Area, Conducted a half day training on interpretation for the Americorps volunteers, in Beverly, WV. 12/6/12.

Helped edit series of interpretive signs (8 total) focused on History for the WV Botanic Garden.

National Association for Interpretation: member of Finance Committee; Treasurer, College & Academic Section.

President, Morgantown Photography Club

2011 Treasurer, College & University Academic Section, National Association for Interpretation

Pricketts Fort State Park: Invited presenter at their Seasonal & Volunteer Interpretive Training Workshop (3/12/11).

Army Corps of Engineers at Stonewall Jackson Lake: Worked with students in my undergraduate interpretive class to develop interpretive signs for a new self-guided trail.

President, Morgantown Photography Club

2010 Invited to present a session on interpretation for the 2010 Preservation Alliance of WV conference held at Fairmont University (9/10).

Helped WVDNR submit grant to obtain funds to develop new interpretive signs at Coopers Rock State Forest (grant was approved, work will begin in 2011 on signs).

Gave a presentation to the DFNR faculty, staff, and grad students on Digital Photography.

2009 Member, **Outdoor Recreation & Research and Education (ORRE)** Working Group. Part of a group of outdoor recreation professionals working on multi-state initiatives. Partners include the USDA Cooperative State Research, Education, & Extension Service.

- Invited participant for nationwide focus group dealing with Environmental Education Professional Development Priorities (4/09).
- Conducted full-day workshop on Thematic Interpretation for the Silos & Smokestacks National Heritage Area in Iowa (5/09).
- Presentation to Division of Forestry & Natural Resources on Digital Photography.
- 2008-09 Member (Interpretive advisor), Miners Memorial Park Committee, in cooperation with Everettville Historical Association, WV.
- 2005-2009 Trained WVU student activity leaders for Ridgedale Elementary School's after-school Nature Club.
- 2008 Worked with Coopers Rock Foundation to provide interpretive guidance and expertise to develop new interpretive signs for trail at Coopers Rock State Forest (in cooperation with the WV Division of Forestry).
- Conducted interpretive training sessions for West Virginia Master Naturalist organization.
- 2007 Conducted a half-day workshop for the Appalachian Forest Heritage Area, dealing with "Interpreting Controversial Issues", (10/07).
- 2005-07 Certifier, Interpretive Development Program, National Park Service.
- 2005 **Invited speaker** for three workshops held by the West Virginia Cultural Heritage Tourism Program—topic was "Authentic and Thematic Interpretation" (9/05).
- 2005 Interpretive Mini-grant Reviewer, West Virginia Cultural Heritage Tourism Program. Reviewed over 30 grants. Review panel selected 5 recipients, and allotted \$20,000 in funding. (11/05).
- 2000 Member of the Celebrating Natural Resources Committee, College of Natural Resources, University of Idaho—specifically in charge of organizing photo contest for the College.
- 1997 Volunteer for amphibian study, Jug Bay Wetlands Sanctuary, Lothian, MD.

HONORS/AWARDS

- 2017 As co-PI, received \$5,000 from WVU Community Engagement Grant program to finalize development and fabrication of 5 interpretive signs for the Pearl Buck Birthplace (Hillsboro, WV) (PI: Melissa Bingmann).
- Received \$10,050 from Davis College Incentive Grant program to develop and coordinate new Adventure Recreation classes.
- 2013 **Outstanding Faculty Award for Excellence in Service**, Division of Forestry & Natural Resources, WVU.
- 2008 Received grant (\$200) from the WVU Davis College Clyde W. Hibbs Environmental Education Fund grant to modify existing courses.
- Received grant (\$3,000) from the WVU Davis College Anderson Faculty Enrichment Fund to help develop a new course: Sustainable Tourism & Protected Area Management in Belize.
- 2007 **Outstanding Faculty Award for Excellence in Teaching**, Division of Forestry & Natural Resources, WVU.
- Received a grant (\$5,000) from the WVU Davis College Davis-Michael Faculty Development Fund to help develop a new summer course: Global Tourism & Sustainable Development in China (Summer 2007).
- 2006 Awarded a WVU Travel Grant from WVU (\$550, 9/06), to attend & present at the National Interpreters Workshop in Albuquerque, NM, 11/06.
- 2002 “On-the-Spot” award, Grand Teton National Park, 8/02
- 2001 Teaching Excellence Award, Graduate Student Association, University of Idaho, 5/01.

PROFESSIONAL ASSOCIATIONS

Associate Editor & reviewer: Journal of Interpretation Research.

Journal Reviewer: Leisure Science; Journal of Park & Recreation Administration, Journal of Forestry, Environmental Management, Applied Environmental Education and Communication, etc.

National Association for Interpretation (NAI), Professional member.

North American Association for Environmental Education (NAAEE), Professional member.

West Virginia Recreation & Parks Association (WVRPA), Professional Member.

West Virginia Environmental Education Association (WVEEA).

PROFESSIONAL DEVELOPMENT/CERTIFICATIONS

Attended the “NSF Day” seminar at WVU in December, 2007.

Certifier, National Park Service, Interpretive Development Program (term from 3/05-3/07).

Attended the “Write Winning Grants” seminar at WVU in July, 2006. Prepared a proposal outline for consultant.

Attended the Great Teachers Workshop: Cairo, WV; 5/26-29/06.

Project WET Workshop, Teton Science School, Kelly, WY. Certified June, 2003.

Certified in Non-Violent Crisis Intervention Techniques.

OTHER ACTIVITIES

Other interests include photography (I have been published in National Park Service publications, WVU publications, regional magazines, and online. I have also won various local and regional contests, as well as being selected to appear in juried photography exhibitions); martial arts; weightlifting; hiking; and scuba diving (PADI Advanced Open Water Certified).