Pamela E. Foti

CONTACT INFORMATION

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EDUCATION

- Doctor of Philosophy — University of Wisconsin-Madison
  Land Resource Management — December, 1987
  Institute for Environmental Studies

- Master of Arts — University of Wisconsin-Madison
  Public Administration — December, 1985
  Natural Resources Administration

- Master of Science — University of Nevada, Reno
  Renewable Natural Resources — May, 1977
  Wildland Recreation Management

- Bachelor of Science — The Ohio State University
  Natural Resources — March, 1975
  Park and Recreation Administration

PROFESSIONAL CERTIFICATIONS

Wilderness Education Association
- Certified Outdoor Leader, August, 1990
- Certified Outdoor Instructor, January, 1996

Wilderness First Responder/CPR
- Certified: June, 1998, 2001, 2004

Peace Officers Standards Training
- Nevada Division of State Parks, Fall, 1978 - Summer, 1983

RESEARCH AND PROFESSIONAL INTERESTS

"Creating Sustainable Wildland Recreation Environments"

- ☞Wildland Backcountry & Dispersed Recreation Impact Monitoring/Inventorying
- ☞Leave No Trace Outdoor Ethics
- ☞Outdoor Education and Interpretation
- ☞Women and the Outdoors

"Providing a high quality undergraduate education with a focus on student interaction & success"

- ☞Experiential Teaching in the Outdoors
- ☞Creating Active Classroom Settings
- ☞Strong Focus on Student Advising and Achieving Student Graduation

CURRENT RESEARCH PROJECTS

- ☞Arizona Strip District, BLM, Recreation Impact Monitoring (On-going)
- ☞Aravaipa Wilderness, BLM, Recreation Impact Monitoring (On-going)
- ☞Red Cliffs Desert Preserve, Recreation Impact Monitoring (On-going)
- ☞Sonoran Desert National Monument, Recreation Impact Inventory/Monitoring (On-going)
- ☞Montrose Colorado BLM, Recreation Impact Assessment (On-going)
- ☞Petrified Forest National Park (On-going)

ACADEMIC TEACHING EXPERIENCE

NORTHERN ARIZONA UNIVERSITY

Professor	Fall, 2003 - **PRESENT**
Associate Professor	Fall, 1993 - Spring, 2003
Assistant Professor	Spring, 1987 - Spring, 1993

Parks and Recreation Management Program

Teaching 9-12 credit hours per semester in the Parks and Recreation Management professional program. **Dedicated to making connections with NAU's undergraduate students. Advising up to 45 undergraduate students and 6 graduate students each semester. A strong focus on student success and program completion to graduation.** Service to the department, university, and profession. Securing outside funding for research on Recreation Impact Monitoring Systems and other areas of research and professional interest.

Courses Taught: Leadership in Parks and Recreation
Supervision of Personnel in Recreation and Leisure Services
Leisure and Society (Introduction to Parks and Recreation)
Leadership of Outdoor Recreation Pursuits
Interpretation for Recreation (continued next page)
Management and Finance of Parks and Recreation
Senior Seminar for Parks and Recreation Majors (Capstone Course)
Trends and Issues in Outdoor Recreation
Women and the Outdoors
Outdoor Leadership Certification I & II
Environmental Leadership
Experiential Education (Outdoor Education)
Wilderness: Place, Process, and Protection
Wildland Recreation
Adventure and Wildlands
Recreation Ecology

NORTHERN ARIZONA UNIVERSITY

Professor and Chair (6 academic years) **Spring, 2006 through Fall, 2011**

Department of Geography, Planning, and Recreation

Responsible for the day-to-day administration of an academic unit with 14 faculty members, 2 staff members, and 5-6 student workers. Programs include: Geography, Public Planning, Parks and Recreation Management, and Master of Science in Geospatial Sciences. Responsible for class scheduling, budget administration, undergraduate and graduate student contacts, and all academic unit operations.

ACADEMIC TEACHING EXPERIENCE (cont.)

UNIVERSITY OF WISCONSIN-MADISON
Lecturer (Part Time) — Fall Semester, 1986
Department of Forestry

Forest Policy
This course provided students with a foundation for resource policy analysis and the policy making process. In addition, students were acquainted with the historical perspective of U.S. resource policy.

WESTERN NEVADA COMMUNITY COLLEGE
Lecturer (Part Time) — Spring Semester, 1983
Spring Semester, 1982

Wilderness Survival
This course introduced students to the concept of wilderness and taught basic wilderness survival skills.

Environmental Sciences
An introductory environmental sciences course that acquainted students with the basic components of the environment and the functioning ecosystems of the earth.

UNIVERSITY OF NEVADA, RENO
Lecturer (Part Time) — Spring Semester, 1981
Fall Semester, 1980

Resource Interpretation
This course introduced students to interpretive techniques for use in park and recreation administration. Class involved theoretical discussions of interpretation as well as "hands on" experience in interpretation techniques.

Park and Recreation Administration
An introductory course in management and administration of parks and recreation. Topics discussed included leisure theory, outdoor recreation agencies, organization concepts, recreation planning, maintenance and routine services, law enforcement, interpretation, and carrying capacity.

PROFESSIONAL EXPERIENCE

Wisconsin Department of Natural Resources
Bureau of Management and Budget
Box 7921
Madison, Wisconsin 53707

October, 1983 - December, 1987
Program and Planning Analyst II
Responsible for all phases of Wisconsin's 1986-91 Statewide Comprehensive Outdoor Recreation Plan (SCORP). Duties included designing, implementing, and reporting on applied outdoor recreation research.

Nevada Division of State Parks
Carson City, Nevada 89701

September, 1977 - July, 1978
May, 1979 - August, 1983
Park Ranger
Responsible for administration, fees, law enforcement, resource management, seasonal staffing, routine services, new construction, and maintenance at Silver Springs Beach, Lahontan State Recreation Area.

PROFESSIONAL EXPERIENCE (cont.)

Nevada Division of State Parks (continued)
Carson City, Nevada 89701
July, 1978 - May, 1979
Park and Recreation Specialist
Responsible for research and writing of the Statewide Comprehensive Outdoor Recreation Plan. Also, designed, executed, analyzed, and reported on special studies in outdoor recreation.

University of Nevada, Reno
Renewable Natural Resources Department
Reno, Nevada 89507
July, 1975 - June, 1977
Graduate Research Fellow
Designed, executed, analyzed, and reported on an original research project in coordination with a 5-year research program on the Lake Tahoe Basin Recreation Problems. Research completed under the direction of Dr. Barnard D. Shanks.

PUBLICATIONS

Refereed Publications

White, D.D., Waskey, M.T., Brodehl, G.P., and Foti, P.E. (December, 2005). A comparative study of impacts to mountain bike trails in five common ecological regions of the southwestern U.S. Journal of Park and Recreation Administration.

Foti, Pamela E. and DeMillion, Marcy A. (2004) "Human Impact Inventories on the Grand Canyon-Parashant, Vermilion cliffs, and Grand Staircase-Escalante National Monuments" in Van Riper, D. and Cole, KL (editors), The colorado Plateau: Cultural, Biological, and Physical Research. Tucson: The University of Arizona Press.

Divine, Aaron K. and Foti, Pamela E. (2004) "Learning to Live with Off-Highway Vehicles: Lessons Learned from the Dixie National Forest" in Proceedings of the Fourth Social Aspects and Recreation Research Symposium. San Francisco: USFS & San Francisco State University.

Foti, Pamela E. and Sharrow, Barbara A. (2002) "Creating Sustainable Wildland Recreation Environments: Human Impact Inventories and Monitoring on the Grand Staircase-Escalante National Monument." *Submitted and Accepted:* Proceedings of the River Management Society National Meeting, May, 2002.

Foti, Pamela E. and DeMillion, Marcy A. (2002) "Human Impact Inventories on the Grand Canyon Parashant, Vermilion Cliffs, and Grand Staircase-Escalante National Monuments." *Submitted and Accepted:* Proceedings of the 6th Biennial Conference of Research on the Colorado Plateau.

Nodal, Kerry E. and Foti, Pamela E. (2002) "Values of Rock Climbers in Northern Arizona." *Submitted.*

Nodal, Kerry E. and Foti, Pamela E. (2002) "Management Preferences of Rock Climbers in Northern Arizona." *Submitted.*

Kimmel, Nadia and Foti, Pamela E. (2001) "Degradation of Human Waste and Survival of Fecal Bacteria in Southwestern Ecosystems." *Submitted.*

Kimmel, Nadia and Foti, Pamela E. (2001) "The Movement of Fecal Bacteria from Catholes to the Surrounding Soil in Southwest Environments." *Submitted.*

Parma, C. Michael and Foti, Pamela E. (2001) "Measuring Campsites: Laser Rangefinders vs. Transect Tapes. *Submitted.*

Parma, C. Michael and Foti, Pamela E. (2001) "Bipod Imaging Techniques for Documenting Campsite Configuration." *Submitted.*

PUBLICATIONS (cont.)

Foti, Pamela E. (1999) “Should wildlands be made available to more people, as opposed to more restrictions and limitations? No.” Chapter 13 in Wurdinger, Scott D. and Potter, Tom G. *Controversial Issues in Adventure Education,* Kendall/Hunt Publishing Company.

Foti, Pamela E. 1992. "Recreation Education and Risk Management in the University Setting." AZHPERD Journal, Spring.

Foti, Pamela E. and Harvey M. Jacobs. 1991. "Land Trusts: An Emerging Actor in Outdoor Recreation Provision." Journal of Park and Recreation Administration. 9(1):1-8.

Foti, Pamela E. and Lori S. Gelvin. 1990. "A Pilot Study of the Relationship Between Co-Dependency and Recreation Using Women with Histories of Domestic Violence." Annual in Therapeutic Recreation. 1(1):1-8.

Foti, Pamela E. and Harvey M. Jacobs. 1989. "Private 'Public-Interest' Land Use Planning: Land Trusts in the Upper Mid-West." Journal of Soil and Water Conservation. July-August: 317-319.

Technical Reports

Foti, Pamela E. (Fall, 2012). Grand Staircase Escalante National Monument: Backcountry and Dispersed Recreation Impacts. Prepared for the GSENM, BLM, UT.

Foti, Pamela E. (Fall, 2012). A Report of Backcountry and Dispersed Recreation Impacts. AZ Strip BLM, St. George, UT.

Foti, Pamela E. (June, 2012). A Report of the Recreational Impacts on Red Cliffs Desert Tortoise Reserve. Red Cliffs Desert Reserve, Governing Board. St. George, UT.

Foti, Pamela E. (June, 2011). A Report of the Recreational Impacts on Red Cliffs Desert Tortoise Reserve. Red Cliffs Desert Reserve, Governing Board. St. George, UT.

Foti, Pamela E. (June, 2011). A Report of the Recreational Impacts on Dry Creek Recreation Area and the San Miguel River (Montrose BLM).

Foti, Pamela E. (May, 2010). A Report of Backcountry and Dispersed Recreation Impacts. AZ Strip BLM, St. George, UT.

Foti, Pamela E. (March, 2010). Grand Staircase Escalante National Monument: Backcountry and Dispersed Recreation Impacts. Prepared for the GSENM, BLM, UT.

Foti, Pamela E. (November, 2008). Gunnison Gorge NCA: River Recreation Impact Assessment. Prepared for Gunnison Gorge, NCA, BLM.

Foti, Pamela E. (December, 2009). Recreation Impacts in Table Mesa and Agua Fria NM, BLM. Prepared for the Phoenix Field Office.

Foti, Pamela E. (July, 2007). A Report of the Dispersed Recreation Impacts for Sonoran Desert National Monument. Prepared for Sonoran Desert National Monument, BLM, Phoenix, AZ.

Foti, Pamela E. (June, 2007). A Report of the Recreational Impacts on Red Cliffs Desert Tortoise Reserve. Red Cliffs Desert Reserve, Governing Board. St. George, UT.

Foti, Pamela E. (May, 2007). A Report of Backcountry and Dispersed Recreation Impacts. AZ Strip BLM, St. George, UT.

Foti, Pamela E. (March, 2007). Grand Staircase Escalante National Monument: Backcountry and Dispersed Recreation Impacts. Prepared for the GSENM, BLM, UT.

Foti, Pamela E. (November, 2006). A Report of the Recreational Impacts on Red Cliffs Desert Tortoise Reserve. Prepared for the Red Cliffs Desert Tortoise Reserve Technical Committee, St. George, UT.

Foti, Pamela E. (January, 2006). A Report of the Physical Impacts of Mountain Biking in the Southwest. Prepared for the Phoenix BLM and Shimano International.

Foti, Pamela E. (May, 2006). A Report of the Dispersed Recreation Impacts for Sonoran Desert National Monument. Prepared for Sonoran Desert National Monument, BLM, Phoenix, AZ.

PUBLICATIONS (cont.)

Foti, Pamela E. (May, 2006). A Report of the Dispersed Recreation Impacts on Grand Staircase-Escalante National Monument. Prepared for the Arizona Strip BLM, St. George, UT.

Foti, Pamela E. (March, 2006). Grand Staircase/Escalante National Monument: Backcountry and Dispersed Recreation Impacts. Prepared for the Grand Staircase/Escalante National Monument, BLM, UT.

Foti, P.E. (May, 2006). A Report of the Wilderness and Backcountry Recreation Impacts for Petrified Forest National Park. Prepared for Petrified Forest National Park, NPS.

Foti, Pamela E. (August, 2006). A Monitoring Plan for Lox Ox OHV Trail. Prepared for Ely BLM Office, Ely, Nevada..

Loomis, J.; Cole, D.; Foti, P. Manning, R.; Moisey, R.N.; and Ratcliffe, R. (September, 2005). Report of the Protocol Evaluation (PEP) on the Recreation Monitoring Program of the Grand Canyon Monitoring and Research Center (GCMRC). Prepared for the GCMRC, USGS, Flagstaff, AZ.

Foti, Pamela E. (March, 2005). "Grand Staircase/Escalante National Monument: Backcountry and Dispersed Recreation Impacts." Prepared for the Grand Staircase/Escalante National Monument, BLM, UT.

Foti, Pamela E. (December, 2004). "Zion National Park: Pull-Outs and Impacts: Time #3." Prepared for Zion National Park, UT.

Foti, Pamela E. (September, 2004). "A Report of the Recreation Impacts of Paria Canyon, Coyote Buttes, and the Teepees." Prepared for the Arizona Strip BLM, St. George, UT.

Foti, Pamela E. (January, 2004). "Red Cliffs Desert Reserve: Recreational Trail Impacts." Prepared for Red Cliffs Desert Reserve, St. George, UT. Presentation: January 27, 2004.

Foti, Pamela E. (February, 2004). "GSENM Backcountry and Dispersed Recreational Impacts: Year #3." Prepared for Grand Staircase-Escalante National Monument, Kanab, UT. Presentation: February 26, 2004.

Foti, Pamela E. (May, 2004). "Paria Canyon and Coyote Buttes: Backcountry Monitoring and Impact Standards." Prepared for Arizona Strip BLM, St. George, UT. Presentation: June 9, 2004.

Foti, Pamela E. (September, 2003). "Sonoran Desert National Monument: Rapid Site Inventory for Dispersed Recreation Impacts." Prepared for BLM, SDNM, Phoenix, AZ. Presentation: September 30, 2003.

Foti, Pamela E. (June, 2003). Zion National Park: Rapid Site Inventory for Pull-Outs: Time #2.. Prepared for National Park Service, Zion National Park, Springdale, UT.

Foti, Pamela E. (November, 2002). GSENM: Backcountry Monitoring (Year #3) and Dispersed Campsite Monitoring (1st Half; Time #1). Prepared for Grand Staircase-Escalante National Monument, Kanab, UT.

Foti, Pamela E. and Nodal, Kerry E. (May, 2003). "Grand Canyon-Parashant National Monument: Social Indicator Survey." Prepared for Grand Canyon-Parashant National Monument, St. George, UT.

Foti, Pamela E. (February, 2003). "Impact Trends in Paria Canyon and Coyote Buttes: 1995-2003." Prepared for Arizona Strip BLM, St. George, UT.

Foti, Pamela E. (October, 2000). Rapid Site Inventory - Roads. Prepared for Bureau of Land Management, Grand Staircase/Escalante National Monument, Kanab, UT.

Foti, Pamela E. (May, 2000). Zion National Park: Rapid Site Inventory for Pullouts: Time #1. Prepared for National Park Service, Zion National Park, Springdale, UT.

Foti, Pamela E. (July, 1999). Rapid Campsite Inventory. Prepared for Bureau of Land Management, Grand Staircase/Escalante National Monument, Kanab, UT.

Foti, Pamela E. (1997) . Paria Canyon User Study: Final Report.

Foti, Pamela E. (1994). Social and Physical Indicators For Limits of Acceptable Change: Coyote Buttes. Prepared for Bureau of Land Management, Arizona Strip District, Vermilion Resource Area, St. George, UT.

Foti, Pamela E. and Harriet Moyer. (April, 1987). Wisconsin Snowmobile Study. Wisconsin Department of Natural Resources, Statewide Comprehensive Outdoor Recreation Plan.

PUBLICATIONS (cont.)

Foti, Pamela E. (November, 1986). Motorboat User Study. Wisconsin Department of Natural Resources, Statewide Comprehensive Outdoor Recreation Plan.

Foti, Pamela E. (September, 1986). Recreational Water Access. Wisconsin Department of Natural Resources, Statewide Comprehensive Outdoor Recreation Plan.

Foti, Pamela E. (September, 1986). 1986-91 Issues and Actions in Outdoor Recreation. Wisconsin Department of Natural Resources, Statewide Comprehensive Outdoor Recreation Plan.

Foti, Pamela E. and Mark D. O'Connell. (May 1986). Wisconsin's Recreational Needs Assessment. Wisconsin Department of Natural Resources, Statewide Comprehensive Outdoor Recreation Plan.

Henderson, Karla A. and Pamela E. Foti. (April, 1986). Recreational Trails Study. Wisconsin Department of Natural Resources, Statewide Comprehensive Outdoor Recreation Plan.

Foti, Pamela E. and Gregory J. Wise. (December, 1985). Potential Outdoor Recreation Population: By Area. Wisconsin Department of Natural Resources, Statewide Comprehensive Outdoor Recreation Plan.

Foti, Pamela E. (September, 1985). The Importance of Outdoor Recreation to Wisconsin Residents. Wisconsin Department of Natural Resources, Statewide Comprehensive Outdoor Recreation Plan.

Theses and Dissertations

Foti, Pamela E. (December, 1987). Outdoor Recreation Provision by the Non-Profit Private Sector: The Current and Future Role of Local and Regional Land Conservation Organizations in the Great Lakes Region. Unpublished Doctoral Dissertation. University of Wisconsin-Madison.

Foti, Pamela E. (May, 1977). Wildland Recreation: User Perceptions and Attitudes and Their Planning Implications. Unpublished Master's Thesis. University of Nevada, Reno.

SELECTED CONFERENCE AND PUBLIC PRESENTATIONS

"Technical Report Presentation of the Dispersed Recreation Impacts for Sonoran Desert National Monument." Presented at Sonoran Desert National Monument, BLM Field Office, Phoenix, AZ. June 8, 2007

"Technical Report Presentation of the Grand Staircase/Escalante National Monument: Backcountry and Dispersed Recreation Impacts." Prepared for the Grand Staircase/Escalante National Monument, BLM, Kanab, UT. March 9 and August 8, 2007

"From Inventory to Monitoring in the Sonoran Desert National Monument." Presented at the Sonoran Institute meeting September 7, 2005), Tucson, AZ.

"Recreation Impacts following Implementation of a Shuttle System: A Case Study of Zion National Park." Presented at the Colorado Plateau Conference, November 8, 2005, Flagstaff, AZ.

"Dispersed Recreation Impacts for Sonoran Desert National Monument." Presented at Sonoran Desert National Monument January 20, 2006, BLM Field Office, Phoenix, AZ.

"Recreation Impact Inventory in Grand Canyon National Park Backcountry." Presented at the Backcountry Workshop Planning Conference January 31, 2006, Grand Canyon, AZ.

"Grand Staircase/Escalante National Monument: Backcountry and Dispersed Recreation Impacts." Presented at the Grand Staircase/Escalante National Monument March 31, 2006, BLM, Kanab, UT.

"Dispersed Recreation Impacts on Grand Canyon-Parashant National Monument." Presented to Arizona Strip BLM July 6, 2006, St. George, UT.

"Wilderness and Backcountry Recreation Impacts for Petrified Forest National Park". Presented to Petrified Forest National Park June 29, 2006, Petrified Forest National Park, AZ.

SELECTED CONFERENCE AND PUBLIC PRESENTATIONS (cont.)

"A Monitoring Plan for Lox Ox OHV Trail." Presented to Ely BLM Office August 16, 2006, Ely, Nevada.

"The Status of Recreation Impacts on the Arizona Strip, BLM: Paria Canyon, Coyote Buttes, and the TeePees." September 17, 2004. St. George, UT.

"Grand Canyon National Park: Backcountry Sites and Impacts." September 23, 2004. Grand Canyon National Park, AZ.

"Indicators, Standards, and Monitoring...Oh My." Aldo Leopold Training Institute, Invited Speaker. December 1, 2004. Scottsdale, AZ.

"Zion National Park: Pull-Outs and Impacts: Time 3." December 3, 2004. Zion National Park, UT.

"How to Know Your Limits." February 7, 2005. Petrified Forest National Park, AZ.

"The Status of Recreation Impacts for the Grand Staircase/Escalante National Monument: Backcountry." March 18, 2005. Escalante, UT.

"From Recreation Impact Inventory to monitoring: What has Changed in the Backcountry and Dispersed Areas?"June 9, 2005. Esclante, UT.

"Sonoran Desert National Monument: Rapid Site Inventory for Dispersed Recreation Impacts." Presentation: September 30, 2003; Phoenix, AZ.

"Red Cliffs Desert Reserve: Recreational Trail Impacts." Presentation: January 27, 2004; St. George, UT.

"GSENM Backcountry and Dispersed Recreational Impacts: Year #3." Presentation: February 26, 2004; Kanab, UT.

"Paria Canyon and Coyote Buttes: Backcountry Monitoring and Impact Standards." Presentation: June 9, 2004; St. George, UT.

"Grand Canyon National Park: River Management Plan - Expert Panel." Grand Canyon National Park Planning Process, Phoenix, AZ. January 29, 2003.

"Paria Canyon and Coyote Buttes: Impact Trends after 8 Years of Monitoring." Arizona BLM, St. George, UT. February 11, 2003.

"How to Know Your Limits." Sonoran Desert National Monument, Workshop, Phoenix, AZ. May 1, 2003.

"Physical Impact Analysis Following Implementation of a Transportation System in Zion National Park: Time #2." Zion National Park, UT. June 11, 2003.

"The Importance of Leave No Trace." Big Water Visitor Center, Interpretive Presentation. July 23, 2003.

"Physical Research Directions on Grand Canyon-Parashant and Vermilion Cliffs National Monument." Arizona National Landscape Conservation System Workshop on Interdisciplinary Planning and Management, Phoenix, AZ. August 29, 2002.

"Creating Sustainable Wildland Recreation Environments: Human Impact Inventories and Monitoring on the Grand Staircase-Escalante National Monument." National River Management Society, Boise, ID. May 2, 2002.

"Dixie National Forest ATV/OHV Physical Impacts." Utah Natural Resources Coordinating Council, St. George, UT. April 28, 2002.

"Saguaro National Park: Wilderness Campsite Monitoring Results." Saguaro National Park, Tucson, AZ. November 13, 2001.

"Human Impact Inventories on the Grand Canyon-Parashant, Vermilion Cliffs, and Grand Staircase-Escalante National Monuments." 6th Biennial Conference of Research on the Colorado Plateau, Flagstaff, AZ. November 7, 2001.

"Planning Wilderness Restoration" May 4, 2001, Arthur Carhart National Wilderness Training Center, Arid Wilderness Site Restoration Conference. St. George, UT. Invited presentation.

"How to Know Your Limits: Techniques for Monitoring the Limits of Acceptable Change on Wildland Resource Sites" May 21, 2001, National Park Service, Flagstaff Monuments, Flagstaff, AZ. Invited presentation.

SELECTED CONFERENCE AND PUBLIC PRESENTATIONS (cont.)

"Managing Resources and Recreationists: Issues Facing the Grand Canyon", August 11, 2000. Invited presentation: Association for Education in Journalism and Mass Communication, National Conference, Phoenix, AZ.

"Paria Canyon/Coyote Buttes Recreation Fee Demonstration Project: A Partnership Between BLM, NAU, and ASIA", November 18, 1999. Invited presentation: Wilderness Conference, Salt Lake City, Utah.

"How to Know Your Limits: Techniques for Monitoring the Limits of Acceptable Change", September 21, 1999. Invited presentation: The 9th World Congress on Adventure Travel and Ecotourism, Tucson, AZ.

"Paria Canyon/Coyote Buttes Recreation Fee Demonstration Project: A Partnership Between BLM, NAU, and ASIA", February 24, 1999. Invited presentation: BLM National Fee Demonstration Meeting, Las Vegas, Nevada.

"Visitor Response to a Fee Demonstration Project in the Paria Canyon-Vermilion Cliffs Wilderness Area", February 24, 1999. Invited presentation: BLM National Fee Demonstration Meeting, Las Vegas, Nevada.

"Development of GPS for Wildland Human Impact Monitoring." *Accepted for* National Recreation and Park Association, Research Symposium, September 25, 1998, Miami Beach, FL.

"Outdoor Cuisine the NAU Way." Arizona Parks and Recreation Association, Annual Conference and Trade Show, September 8, 1998. Tucson, AZ.

"Paria Canyon/Coyote Buttes Recreation Fee Demonstration Project: A Partnership Between BLM, NAU, and ASIA." Arizona Parks and Recreation Association, Annual Conference and Trade Show, September 8, 1998. Tucson, AZ.

"Outdoor Leadership at Northern Arizona University: A Two Semester Academic Approach." Wilderness Education Association, National Outdoor Leadership Conference, March 7, 1997. Gunnison, CO.

"Building Partnerships: Cooperative Wilderness Monitoring Project Example," Wilderness Education Association National Conference, February 23-25, 1996. Fall Creek Falls State Park, TN.

"Integrating Outdoor Leadership Education into the Academic Setting," Coalition for Education in the Outdoors, Third Research Symposium, January 12-14, 1996. Bradford Woods, IN.

"The PBS System of Minimum Impact Usage," The Wilderness Education Association National Conference for Outdoor Leadership, April 1, 1995, Fort Collins, CO.

"A Cooperative Wilderness Monitoring Project," The Sixth National Wilderness Conference, November 14-15, 1994, Santa Fe, NM.

"Moods of 3-Week and 5-Week Outdoor Expedition Participants." National Coalition for Education in the Outdoors Recreation Symposium, January 15, 1994. Bradford Woods, IN.

"Personality Aspects of Outdoor Leadership Students." National Recreation and Park Association Conference, October 21, 1993, San Jose, CA.

"Ways of Coping on Outdoor Expeditions." Wilderness Education Association National Conference, February, 1993. Fall Creek Falls, State Park, TN.

"Mood Cycles in Outdoor Expeditions." National Recreation and Park Association Congress, Research Symposium, October 18, 1992. Cincinnati, OH.

"Mood Cycles in Longterm Outdoor Expedition Participants." Wilderness Education Association National Conference, February 22, 1992. Pueblo, CO.

"Land Trusts and Private Outdoor Recreation Provision: Case Studies in Their Current Role." National Outdoor Recreation Trends Conference, March 31, 1990. Indianapolis, Indiana.

"Silveridge RV Resort Study Results." Arizona Park and Recreation Association State Conference, August 28, 1989. Tucson, Arizona.

"Local and Regional Land Conservation Provision of Outdoor Recreation." National Recreation and Park Association, October 8, 1989. Indianapolis, Indiana.

"Conflicts Between Motorized Outdoor Recreation Users." Rural Sociological Society, Annual Conference, August 13, 1987. Madison, Wisconsin.

SELECTED CONFERENCE AND PUBLIC PRESENTATIONS (cont.)

"Making SCORP Relevant to the Decision Making Process." National Association of State Recreation Planners, May 29, 1987, Phoenix, Arizona.

GRANT HISTORY

"BLM National Training Center" Phoenix, AZ Fall, 2011-Spring, 2012 Professional Training Course Development & Delivery; Outdoor Recreation Planner Curriculum. $20,000.

"Grand Staircase/Escalante National Monument: Recreation Impact Assessment 2012."

"Grand Staircase/Escalante National Monument: Recreation Impact Assessment 2011." (Backcountry and Dipsersed). BLM $13,000. **[Funded].**

"A Comprehensive Impact Assessment Program: Dispersed and Backcountry Monitoring AY 2011-12", AZ Strip BLM $24,569. **[Funded]**

"NLCS/RS National Historic Trails Recreation Assessment Process" (2011) AZ Strip BLM $10,000. **[Funded].**

"Sonoran Desert National Monument: Recreation Impact Monitoring for 2011" BLM, $11,593. **[Funded].**

\ "Recreation Impact Assessment: Canyonlands National Park." (2010) NPS $24,118. **[Funded].**

"Indian Creek Special Recreation Management Area: Dispersed Camping and Climbing Impact Assessment." (2010) BLM, $9,999 **[Funded].**

"Comprehensive Recreation Impact Monitoring System for Arizona Strip 2007, 2008, 2009, 2010", BLM. $23,000/Year Backcountry and Dispersed Components. **[Funded]**.

"Grand Staircase/Escalante National Monument: Backcountry and Dispersed Impacts 2006-2007, 2008, 2009, 2010". $18,000/Year. **[Funded]**

"Sonoran Desert National Monument: Priority 2&3 Recreation Impact Monitoring 2006-07." $5,200. **[Funded]**

"Indian Creek Climbing Area, San Juan Resource Area (BLM): Sanitary Waste Impacts and Campsite Proliferation". 2006-07. $10,000. **[Funded]**

"Comprehensive Recreation Impact Monitoring System." Arizona Strip, BLM. $23,056. 2006. **[Funded]**.

"Grand Staircase/Escalante National Monument: Backcountry and Dispersed Impacts 2006-2007." GSENM, BLM. $33,002. **[Funded]**

"Sonoran Desert National Monument: Priority 2&3 Recreation Impact Monitoring." Sonoran Desert National Monumnet, BLM. $7,995. **[Funded]**

"An Application of the Land Health Assessment Process on OHV Impacts." Denver Science Center, BLM. $52,960. **[Funded]**.

"Zion National Park: Recreational Impact Inventory Time #4 and Pre-Post Season Test." Zion National Park. $5,876. **[Funded]**.

"Grand Canyon National Park: RSI Backcountry Part II." Grand Canyon National Park, AZ. $10,284. **[Funded]**

"Petrified Forest National Park: RSI Wilderness and Backcountry Impacts." Petrified Forest, AZ. $13,995. **[Funded]**

"Grand Staircase/Escalante National Monument: Backcountry and Dispersed Impacts." Grand Staircase/Escalante National Monument, BLM, Kanab, UT. $14,919. **[Funded]**

"Arizona Strip BLM: Comprehensive Recreation Impact Monitoring Program." Arizona Strip District BLM, St. George, UT. $6,108. **[Funded]**

"Sonoran Desert National Monument: Priority 1 Recreation Impact Monitoring" Sonoran Desert NM, Phoenix, AZ. $3,225. **[Funded]**

"Tonto National Forest: Superstition Wilderness Rapid Site Inventory for Recreation Impacts." Phoenix, AZ. $10,000. **[Funded]**

"Evaluating the Physical Impacts of Mountain Biking to Determine Best Management Practices." BLM, Phoenix Field Office, and Shimano Corporation. $$36,500 **(Funded)**.

"GCPNM Visitor Use and Resource Monitoring Program." Grand Canyon Parashant National Monument (BLM & NPS). $5,980. **(Funded).**

GRANT HISTORY (cont.)

"GCNP Rapid Site Inventory: Backcountry." Grand Canyon National Park, NPS. $26, 862. **(Funded).**

"Zion National Park Pull-Out Study: Time #3." NPS. $3,233. **(Funded).**

"A Monitoring Program for Dispersed Roadside Impacts," Grand Staircase- Esclanate National Monument (BLM), $7,847. **(Funded)**

"Backcountry Monitoring: Year 4," Grand Staircase-Escalante National Monument (BLM), $7,847. **(Funded)**

"Sonoran Desert National Monument, Human Impact Inventory," (2002-03) Sonoran Institute, (Non-Profit Organization & BLM), $17,913. **(Funded)**

"A Monitoring Program for Dispersed Roadside Impacts," (2003) Grand Staircase- Esclanate National Monument (BLM), $7,847. **(Funded)**

"Backcountry Monitoring: Year 3," (2003) Grand Staircase-Escalante National Monument (BLM), $10,043. **(Funded)**

"Kanab Creek Wilderness: Wilderness Monitoring Program Priority 1," (2003) USDA Forest Service, Kaibab National Forest, $996.50. **(Funded)**

"Saddle Mountain Wilderness Human Impact Inventory", (2003) USDA Forest Service, Kaibab National Forest, $1,561. **(Funded)**

"Dixie National Forest OHV Human Impact Inventory: Phase 2," (2003) USDA Forest Service, Dixie National Forest, $27, 596. **(Funded)**

"Physical Impact Variability Between Day Users and Overnight Users," (2002-04) NAU School of Forestry Mission Research Program, $39,134. **(Funded for 2002-2004)**

"Creating a Sustainable Desert Tortoise and Recreation Environment, Recreation Inventory and Monitoring Proposal." (2002-2003) Red Cliffs Desert Reserve. $10,602. **Funded.**

"A Monitoring Program for Dispersed Raodside Impacts." (2002) Grand Staircase-Escalante National Monument, BLM, $7,700. **Funded.**

"Backcountry Monitoring Proposal: Year #2." (2002) Grand Staircase-Escalante National Monument, BLM, $11,262. **Funded.**

"Protecting Site Values in Motorized Dominant Recreation Areas." (2002-2003) Vermilion Cliffs National Monument, BLM, $10,563. **Funded.**

"Determining Social Indicators for Management Planning." (2002-2003) Grand Canyon-Parashant National Monument, BLM, $21,581. **Funded.**

"Human Impact Inventorying, Time #2 - Pull-Outs." (2002) Zion National Park, $2,806. **Funded.**

"Wilderness Human Impact Inventory." (2002) Kanab Creek Wilderness, Kaibab National Foresty, $1,939. **Funded.**

"Dixie National Forest OHV Human Impact Monitoring" (2001) USDA Forest Service, Dixie National Forest, $27, 596. **Funded.**

"Grand Staircase/Escalante National Monument Backcountry Human Impact Monitoring." (2001) BLM, Grand Staircase/Escalante National Monument, $8,412. **Funded.**

"Grand Staircase/Escalante National Monument Frontcountry/Passage Campground Designation." (2001) BLM, Grand Staircase/Escalante National Monument, $8, 912. Not Funded.

"Grand Staircase/Escalante National Monument Environmental Education Curriculum. (2001) BLM, Grand Staircase/Escalante National Monument, $30,000. Not Funded.

"Grand Canyon-Parashant and Vermilion National Monuments' Human Impact Inventories (Rapid Site Inventories) - Roads" (2001) BLM, Arizona Strip Field Office, $19,412. **Funded.**

"Saguaro National Park, Human Impact Monitoring - Wilderness Campsites." (2001) NPS, Saguaro National Park, $1,155. **Funded.**

"Red Rock Canyon National Conservation Area Internet Site Development." Submitted to Red Rock Canyon National Conservation Area, BLM. $66,328. **Funded.** Co-Investigator: Charles H. Hammersley, Ph.D.

GRANT HISTORY (cont.)

"Grand Staircase-Escalante National Monument: Rapid Site Inventory for Human Impacts." Submitted to Grand Staircase-Escalante National Monument, BLM. $27,781. **Funded.**

"A Comparison of GPS Techniques with Low Altitude Aerial Photography for Human Impact Monitoring in Wildland Areas in the Southwest." Submitted to School of Forestry Mission Research. $29,260. **Funded.**

"A Bid Proposal for Concessionaire Operation and Maintenance of Selected Recreation Facilities on the Mormon Lake and Peaks Ranger Districts." Submitted to U.S. Forest Service. $163,000. Not Funded.

"Mount Trumbull Interpretive Project." Submitted to Bureau of Land Management. $10,982. **Funded.**

"Paria Canyon/Coyote Buttes Fee Demonstration Project." Submitted to Bureau of Land Management. $30,000. **Funded.**

"Rapid Site Inventory for Human Impacts - Roads." BLM Grand Staircase-Escalante National Monument. $21,196. **Funded.**

"The Impact of a Transportation System on Non-Controlled Roads: Rapid Site Inventory for Human Impacts (Roads)." NPS Zion National Park. $2,474. **Funded.**

"Rapid Site Inventory for Human Impacts - Backcountry." BLM Grand Staircase-Escalante National Monument. $34,265. **Funded.**

"Development and Operation of the Paria Canyon/Coyote Buttes Fee Demonstration Project." BLM, Arizona Strip District. $101,000. **Funded.**

"A Comparison of GPS Techniques with Balloon Photography Techniques in Human Impact Monitoring Systems for Wildland Areas in the Southwest". Submitted to Mission Research. $29,060. **Funded.**

"The Management and Administration of Environmental Education Centers." Submitted to NAU Applied Research. $3500. Not Funded.

"Paria User Study." Submitted to Arizona Strip District BLM. $5300. **Funded.**

"The Development of a Global Positioning System (GPS) Wildland Human Impact Monitoring Technique" Submitted to NAU Applied Research. $3650. **Funded.**

"Cooperative Wilderness Monitoring Project", Submitted to BLM, Vermilion Resource Area, St. George, Utah, $2670. **Funded.**

"Mood Cycles on Outdoor Expeditions", Submitted to NAU Organized Research, Fall, 1994. Not Funded.

"Cooperative Wilderness Monitoring Project, Submitted to BLM, Vermilion Resource Area, St. George, Utah, Fall, 1994. $1590. **Funded.**

"Social and Physical Indicators for the Limits of Acceptable Change Plan for Coyote Buttes." NAU Applied Research, Spring, 1993. $2600. **Funded.**

"Woodswomen Leadership Course." NAU Office for Professional Development, Spring, 1992. $500. **Funded.**

"Moods an Coping in Outdoor Expedition Participants," submitted to NAU Organized Research, Fall, 1991. $2500. **Funded.**

"Compulsive Behavior as a Predictor of Exercise Adherence," submitted to NAU Organized Research, Fall, 1989. Not Funded.

"A Comparison of Post-Retirement Leisure/Recreation Patterns in Three Retirement Communities," submitted to The Retirement Research Foundation, July 18, 1989. Not Funded.

"Leisure Behavior Patterns of Women with Histories of Domestic Violence Relationships," submitted to NAU Organized Research, September 20, 1989. $5000. **Funded.**

"Leisure Behavior Patterns in a Transient Retired Population: A Pilot Study," submitted to NAU, December 12, 1988. $250. **Funded.**

"Outdoor Recreation Provision by the Non-Profit Private Sector: The Current and Future Role of Local and Regional Land Conservation Organizations in the Great Lakes Region." Funded by Eva Gebhard-Gourgand Foundation. $8000. **Funded.**