

MEGHA BUDRUK, Ph.D.

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EDUCATION AND DEGREES

- Ph.D. 2005 **Natural Resources**, University of Vermont, Burlington, Vermont, USA.
M.S. 2000 **Recreation Management and Tourism**, Arizona State University, Tempe, USA.
M.S. 1992 **Environmental Sciences**, University of Poona, Pune, India.
B.S. 1990 **Zoology**, Fergusson College, University of Poona, Pune, India.

ACADEMIC APPOINTMENTS

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| Associate Professor | School of Community Resources & Development
Arizona State University
May 2010 – present. |
| Senior Sustainability Scientist | The Global Institute for Sustainability
Arizona State University
January 2012 – present. |
| Assistant Professor | School of Community Resources & Development
Arizona State University
August 2004 – May 2010. |
| Research and Teaching Assistant | Rubenstein School of Environment and Natural Resources
University of Vermont
August 2000 – August 2004. |
| Research and Teaching Assistant | Department of Recreation Management and Tourism
Arizona State University
August 1998 – May 2000. |

RESEARCH AND SCHOLARLY ACTIVITY

Book

Budruk, M. & Phillips, R. (Eds.) (2011). Quality of life and community indicators for parks, recreation and tourism management. The Netherlands, Springer.

Book Chapters

Phillips, R. & Budruk, M. Introduction to quality-of-life community indicators for parks, recreation and tourism management (2011). In (Eds.) Budruk, M. & Phillips, R. Quality of life and community indicators for parks, recreation and tourism management. The Netherlands, Springer.

Myers, D., Budruk, M., & Andereck, K. (2011). Stakeholder involvement in destination level sustainable tourism indicator development: The case of a Southwestern U.S. mining town. In (Eds.) Budruk, M. & Phillips, R. Quality of life and community indicators for parks, recreation and tourism management. The Netherlands, Springer.

Nyaupane, G. & Budruk, M. (2009). South Asian heritage tourism: conflict, colonialism, and cooperation in (Eds.) Timothy, D. J. & Nyaupane, G. Cultural heritage and tourism in the developing world: A regional perspective. London: Routledge.

Manning, R., W. Valliere, S. Lawson, P. Newman, M. Budruk, D. Laven, J. Bacon, and B. Wang. 2004. Development and Application of Carrying Capacity Frameworks for Parks and Protected Areas. Global Challenges of Parks and Protected Area Management. Sassari, Italy: Carlo Delfino, pp. 373-384.

Manning, R., S. Lawson, P. Newman, M. Budruk, W. Valliere, D. Laven, & J. Bacon (2004). Visitor perceptions of recreation-related resource impacts. *Environmental Impacts of Ecotourism*. London: CAB International.

Refereed Journal Articles (* Indicates graduate or undergraduate student co-author)

Budruk, M. & Lee, W. (2016). Managing for personal benefits, hedonic and utilitarian motivations and place attachment. *Environmental Management*, 58(3), 504-517.

Chhabra, D., *Steffey, E., *Zhao, S., Larsen, D. & Budruk, M. (2016). Sustained Economic Impact of Park Tourism. *Anatolia: International Journal of Hospitality and Tourism Research*, 27(4), 537-539.

Sun, Y. Y., & Budruk, M. (2015). The moderating effect of nationality on crowding perception, its antecedents, and coping behaviors: A study of an urban heritage site in Taiwan. *Current Issues in Tourism*, 1-19. DOI: 10.1080/13683500.2015.1089845.

Varma, V., et al. (2015). Perceptions of priority issues in the conservation of biodiversity and ecosystems in India. *Biological Conservation*, 187, 201-211.

- *Poudel, S., Nyaupane, G. & Budruk, M. (2014). Stakeholders' perspectives of sustainable tourism development: A new approach to measuring outcomes. *Journal of Travel Research* 0047287514563166.
- Budruk, M. & Wilhelm Stanis, S. A. (2013). Place attachment and recreation experience preferences. A further exploration of the relationship. *Journal of Outdoor Recreation and Tourism*, 1(2), 51-61.
- Virden, R. & Budruk, M. (2011). Sustainability: Special issue introduction - Reflections on the challenges of providing sustainable leisure opportunities in a world and era of scarce resources. *Journal of Park and Recreation Administration*, 29(3), 1-10.
- Manning, R. E., et al. (2011). Defining, measuring, monitoring and managing the sustainability of parks for outdoor recreation. *Journal of Park and Recreation Administration*, 29(3), 24-37.
- Budruk, M., Wilhelm Stanis, S. A., Schneider, I. E., & Anderson, D. H. (2011) Differentiating place attachment among proximate and distant visitors to two water-based recreation areas. *Society and Natural Resources*, 24(9), 1-16.
- White, D. D., *Aquino, J., Budruk, M., & Golub, A. (2011). Visitor Experience and Transportation Systems in Yosemite National Park. *Journal of Park and Recreation Administration*. *Journal of Park and Recreation Administration*, 29(1), 38-57.
- Budruk, M. (2010). Cross-cultural equivalency of the place attachment scale: A multigroup confirmatory factor analysis approach. *Journal of Leisure Research*, 42(1), 25-42.
- Budruk, M., *Cowen, L., Yoshioka, C., & Kulinna, P. (2009). Physical activity participation constraints among athletic trainers: A profession based assessment. *Loisir*, 33(2), 563-587.
- Budruk, M., *Thomas, H., & Tyrrell, T. (2009). Urban green spaces: Place attachment and environmental attitudes in India. *Society and Natural Resources*, 22, 824-839.
- Budruk, M., Virden, R., & *Waskey, M. (2009). Community conversations around public lands: Exploring benefit diversity in the Wood River Valley. *Journal of Park and Recreation Administration*, 27(1), 102-118.
- Budruk, M., Wilhelm Stanis, S. A., Schneider, I. E., & Heisey, J. (2008). Place attachment dimensions and crowding: An exploratory study among water based recreationists. *Environmental Management*, 41(4), 528-537.
- Budruk, M., White, D., *Wodrich, J., & *van Riper, C. (2008). Connecting visitors to people and place: Perceptions of cultural authenticity at Canyon de Chelly National Monument, Arizona. *Journal of Heritage Tourism*, 3, 1-17.

- Budruk, M., & Manning, R. E. (2006). Measuring indicators and standards of quality at an urban-proximate park: Litter and graffiti at Boston Harbor Islands National Recreation Area. *Journal of Park and Recreation Administration*, 24, (3), 1-23.
- Nyaupane, G. P., White, D. D., & Budruk, M (2006). Motive-based tourist market segmentation: An application to native american cultural heritage sites in Arizona, USA. *Journal of Heritage Tourism*, 1 (2), 81-99.
- Manning, R. E.; Leung, Y.-F., Budruk, M. (2005). Research to support management of visitor carrying capacity of Boston Harbor Islands. *Northeast Naturalist*, 12 (3), 201-220.
- Hendricks, W. W., Schneider, I. E., & Budruk, M. (2004). Extending importance-performance analysis with benefit-based segmentation. *Journal of Park and Recreation Administration*, 22 (1), 53-74.
- Manning, R., Lawson, S., Newman, P., Valliere, W., Budruk, M., & Laven, D. (2003). Basic and applied research: Application of disciplinary theory and methods in the field of leisure studies. *Society and Leisure*, 26 (1), 25-48.
- Budruk, M., Schneider, I. E., Andereck, K., & Virden, R. (2002). Crowding and satisfaction among visitors to a built desert attraction. *Journal of Park and Recreation Administration*, 20 (3), 1-17.
- Budruk, M., Valliere, W., Manning, R., Laven, D., & Hof, M. (2001). Crossing programmatic boundaries: Integrative approaches to managing the quality of the visitor experience. *The George Wright Forum*, 18 (3), 124-131.
- Schneider, I. E., & Budruk, M. (1999). Displacement as a response to the Federal, Recreation Fee Program. *Journal of Park and Recreation Administration*, 17 (3), 76-84.

Refereed Journal Articles under review (* Indicates student co-author)

Refereed Journal Articles in progress (* indicates graduate student co-author)

Budruk, M. & Feldhaus, A. Transdisciplinarity in natural resource management: Insights from a nature-based religious places study in western India. (*To be submitted to Society and Natural Resources*).

Budruk, M. Power, Legitimacy and Urgency: An Exploration of Nature-Based Tourism through Stakeholder Theory. (*To be submitted to Society and Natural Resources*).

Refereed Conference Presentations (*indicates presenter)

*Budruk, M. Power, Legitimacy and Urgency: An Exploration of Nature-Based Tourism through Stakeholder Theory. 45th Annual Conference on South Asia • Madison, WI, October 20-23, 2016.

- *Feldhaus, A. & Budruk, M. Mountains, Wilderness, Pilgrims, and Trekkers in the Sahyadris. 45th Annual Conference on South Asia • Madison, WI, October 20-23, 2016.
- Budruk, M., *Steffey, E., Andereck, K., & Plunkett, D. The social bonding dimension of place attachment: An alternative measurement. 21st International Symposium on Society and Resource Management • Charleston, SC, June 13-18, 2015.
- *Plunkett, D., Lee, W. & Budruk, M. Viewing a destinations Facebook page using a smartphone: The influence of posted media content. Annual Travel and Tourism Research Association (TTRA) Conference • Oregon, June, 2015.
- *Steffey, E., Budruk, M., & Plunkett, D. The role of motivations on park performance and visitors' intentions to revisit: A study of visitors to a southwestern regional park system. 27th Annual Northeastern Recreation Research Symposium • Maryland, April, 2015.
- *Neild, M., Steffey, E., & Budruk, M. Exploring the influence of place attachment on user fee acceptance at nature parks: A comparative study at two southwestern regional parks. 27th Annual Northeastern Recreation Research Symposium • Maryland, April, 2015.
- *Feldhaus, A. & Budruk, M. Mountain places in western Maharashtra, India. 23rd European Conference of South Asian Studies, Zurich, Switzerland, July 2014.
- *Budruk, M. Understanding Visitor Experiences in Nature – the Case of Kaas Plateau, Maharashtra, India. 15th International Conference on Maharashtra Culture and Society: Interactions between Humans and the Natural World • Tempe, AZ, April 23-26th, 2014.
- *Steffey, E., Budruk, M. and Plunkett, D. Role of social media in dissemination and consumption of information in a southwest regional park system. 26th Annual Northeastern Recreation Research Symposium • Cooperstown, New York. April 2014.
- *Budruk, M. & Feldhaus, A. Transdisciplinarity in natural resource management: Insights from a nature-based religious places study in western India. 19th International Symposium on Society and Resource Management • Estes Park, CO, June 4-8, 2013.
- *Plunkett, D., Budruk, M & Lee, W. Examining the impact of mental imagery visualization on place attachment: Destination marketing perspective. TTRA Graduate Colloquium • Virginia Beach, VA, June 17-19, 2012.
- *Budruk, M. & *Andereck, K. Environmental research, planning and management: A perspective from the parks, recreation and tourism field. International Congress of Environmental Research • Surat, India, December 15-17, 2011.
- *Budruk, M., Manning, R. E. Valliere, W., van Riper, C. J. & Goonan, K. Extending the three dimensional place attachment model: Spirituality and nature as new dimensions of place attachment. 17th International Symposium on Society and Resource Management • Sabah, Malaysia, June 13-17, 2011.

- *Holloway, A., Budruk, M., & Lee, W. Exploring the influence of personality traits on perceived-crowding and recreational-satisfaction in an urban park environment. 17th International Symposium on Society and Resource Management • Madison, WI, June 13-17, 2011.
- *van Riper, C. J., Kyle G. T., Manning R. E. , & Budruk, M. Understanding the role of place attachment in a stated choice analysis of recreationists' preferences for resource, social and managerial conditions. Northeastern Recreation Research Symposium, April 2011. Bolton Landing, NY.
- *Budruk, M., Wilhelm Stanis, S. A., Schneider, I. E., & Anderson, D. H. Differentiating place attachment among proximate and distant visitors to two water-based recreation areas. 16th International Symposium on Society and Resource Management • Corpus Christi June 6-10, 2010.
- Cole, Z., *White, D. D., & Budruk, M. Native American Environmental Values and Natural Resource Management Practices: Quileute Tribal Perspectives. 16th International Symposium on Society and Resource Management • Corpus Christi June 6-10, 2010.
- *Budruk, M. *Cross-language measurement equivalence of the place attachment scale*. National Recreation and Park Association, Leisure Research Symposium • Salt Lake City, UT, October 14 – 18, 2009.
- *Budruk, M. & Wilhelm Stanis, S. A. *Place attachment and recreation experience preferences. A further exploration of the relationship*. 15th International Symposium on Society and Resource Management • Vienna July 5-9, 2009.
- *Viriden, R. J., & *Budruk, M. *Exploring relationships between experience use history, motivation and recreation benefits for public land nature based tourists*. California Parks and Recreation Society Research Symposium • Santa Clara, CA, March 6, 2009.
- *Myers, D. & Budruk, M. (2008). *Stakeholder theory and indicator measuring systems in sustainable tourism development*. Sustainable Tourism Development • Huddinge, Sweden, November 26-28, 2008.
- *Budruk, M., & Thomas, H. *Urban green spaces: Place attachment and environmental attitudes in India*. 14th International Symposium on Society and Resource Management • Burlington, Vermont, June 10-14, 2008.
- *Viriden, R. J., Budruk, M., & Ackerman, S. *Exploring differences in recreation benefits on Colorado public lands*. 14th International Symposium on Society and Resource Management • Burlington, Vermont, June 10-14, 2008.
- *Budruk, M., Viriden, R., & Waskey, T. *Community conversations around public lands: Exploring benefit diversity in the Wood River Valley*. 13th International Symposium on Society and Resource Management • Park City, June 17-21, 2007.

- Budruk, M., *Woodrich, J., & White, D. *Connecting visitors to land, people, and place: The relationship between place attachment and perceptions of cultural authenticity at Canyon de Chelly National Monument, Arizona.* The GWS Biennial Conference on Parks, Protected Areas, and Cultural Sites • Minnesota, April 16–20, 2007.
- *Budruk, M., Schneider, I., Wilhelm, S. & Heisey, J. *Place attachment dimensions and crowding. An exploratory study among water based recreationists.* 12th International Symposium on Society and Resource Management • Vancouver, June 4-8, 2006.
- *Budruk, M., Valliere, W., Laven, D., Manning, R. E., & Lawson, S. *Indicators and standards of quality for the built environment: Visitor centers, roads, walkways, and other built areas.* The GWS Biennial Conference on Parks, Protected Areas, and Cultural Sites • Philadelphia, March 14–18, 2005.
- *Manning, R. E., Budruk, M., Flyod, M. *Racial discrimination in National Parks.* The GWS Biennial Conference on Parks, Protected Areas, and Cultural Sites • Philadelphia, March 14–18, 2005.
- *Valliere, W., Laven, D., Park, L., Manning, R.E., Lawson, S., Newman, P., Budruk, M., Marion, J, Leung, Y., & Freimund, W. *Indicators and standards of quality for natural resources: Trail and campsite impacts.* The GWS Biennial Conference on Parks, Protected Areas, and Cultural Sites • Philadelphia, March 14–18, 2005.
- Lawson, S., Manning, R., Valliere, W., Laven, D., Hallo, J., Budruk, M., Newman, P., & Bacon, J. *Research on crowding-related indicators and standards of quality for the visitor experience.* The GWS Biennial Conference on Parks, Protected Areas, and Cultural Sites • Philadelphia, March 14–18, 2005.
- Valliere, W., Manning, R. E., Lawson, S., Newman, P., & Budruk, M. *Indicators and standards of quality for cultural resources: Archeological sites.* The GWS Biennial Conference on Parks, Protected Areas, and Cultural Sites • Philadelphia, March 14–18, 2005.
- Budruk, M., *Leung, Y., & Manning, R. E. *A multidisciplinary approach to developing indicators of sustainable visitor use for urban protected areas: U.S. examples and implications to East Asia.* The IUCN World Commission on Protected Areas 5th Conference on Protected Areas of East Asia (IUCN/WCPA EA 5). Hong Kong Special Administrative Region, China. June 21-25, 2005.
- *Budruk, M. & Manning, R. *Crowding norms on the Blue Ridge Parkway: A test of mediating variables.* Northeastern Recreation Research Symposium, March 2004. Bolton Landing, NY.
- *Budruk, M., Valliere, W., & Manning, R. *Hiking through cyberspace: A simulated field trip to Muir Woods National Monument.* Social Aspects and Recreation Research Symposium, February 2004, San Francisco, CA.

- *Manning, R., *Leung, Y., & *Budruk, M. *Visitor carrying capacity of Boston Harbor Islands National Park Area*. Boston Harbor Islands Science Symposium, October 2003, Boston, MA.
- *Budruk, M. & Manning, R. *Litter and graffiti at Georges Island, Boston Harbor Islands National Park Area*. George Wright Society Biennial Conference, April 2003. San Diego, CA.
- *Leung, Y., *Budruk, M. & Manning, R. *Assessing and monitoring physical and social impacts of vandalism: Results from the Boston Harbor Islands National Recreation Area*. George Wright Society Biennial Conference, April 2003. San Diego, CA.
- *Budruk, M. & Manning, R. *Visitor norms toward litter and graffiti at an urban-proximate park: The case of Georges Island, Boston Harbor Islands National Park Area*. Northeastern Recreation Research Symposium, April 2003. Bolton Landing, NY.
- Manning, R., Valliere, W., Lawson, S., *Budruk, M., Bacon, J., Laven, D. *Indicators and standards of quality for the resource component of carrying capacity: Trail conditions at Isle au Haut, Acadia National Park*. Northeastern Recreation Research Symposium, April 2003. Bolton Landing, NY.
- *Budruk, M. & Manning, R. *Carrying capacity at an urban-proximate national park: Boston Harbor Islands National Park Area*. 9th International Symposium on Society and Resource Management, June 2002, Bloomington, IN.
- *Leung, Y., Johnson, K., *Budruk, M., & Manning, R. *Carrying capacity at Boston Harbor Islands National Park Area*. 9th International Symposium on Society and Resource Management, June 2002, Bloomington, IN.
- *Lawson, S., Manning, R., Valliere, W., Wang, B., & Budruk, M. *Using simulation modeling to facilitate pro-active monitoring and adaptive management of social carrying capacity in Arches National Park, Utah, USA*. International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas, March, 2002. Vienna, Austria.
- *Budruk, M., & Manning, R. *Crowding related norms in outdoor recreation. U.S. versus international visitors*. Northeastern Recreation Research Symposium, April 2002. Bolton Landing, NY.
- *Budruk, M., Manning, R., Valliere, W., & Wang, B. *Perceived crowding at Boston Harbor Islands National Park Area*. Northeastern Recreation Research Symposium, April 2001. Bolton Landing, NY.

*Valliere, W., Manning, R., Budruk, M., Lawson, S., & Wang, B. *Transportation planning and social carrying capacity in the National Parks*. Northeastern Recreation Research Symposium, April 2001. Bolton Landing, NY.

*Budruk, M., Manning, R., & Hof, M. *Crossing programmatic boundaries: Integrative approaches to managing the quality of the visitor experience*: George Wright Society Biennial Conference, April 2001. Denver, CO.

Budruk, M., Schneider, I. E., *Andereck, K., & Virden, R. *Perceived Visitor Crowding and Satisfaction at a Zoo setting*. 8th International Symposium on Society and Resource Management, June 2000, Bellingham, WA.

*Hendricks, W., Schneider, I. E., Budruk, M., & Hendrick, F. T. *Segmenting Importance/Performance by Visitor Benefits*. 8th International Symposium on Society and Resource Management, June 2000, Bellingham, WA.

*Budruk, M., & Schneider, I. E. *Displacement as a Response to the Federal Recreation Fee Program*. Arizona Parks and Recreation Association, September 1999, Phoenix, AZ.

Invited Presentations

From environmentalism to sustainability: Celebrating Earth Day 2015. Mesa Community College, Mesa, AZ, April 2015.

Understanding Visitors at a World Heritage Site: The Kaas Plateau in India. A. T. Steele Lecture Series, Arizona State University, November, 2014, USA.

“Place” and it’s Role of in Land Use Management. Conservation Alliance Speaker Series. Phoenix, AZ, May, 2014.

Tourism in India; Department of Transportation and Communication Management Science, National Cheng Kung University, November, 2013, Taiwan.

Natural Resource Management: A social and ecological perspective. Indian Institute of Science Education and Research, January 2009, Pune, India.

User Satisfaction. Parks and Recreation Department, City of Phoenix, August 2008, Phoenix, USA.

Limits of Acceptable Change: Carrying capacity of city parks. Parks and Recreation Department, City of Phoenix, January, 2007. Phoenix, USA.

Rio Salado Habitat Restoration. Parks and Recreation Department, City of Phoenix, November 2006, Phoenix, USA.

Technical Reports

- Budruk, M., Andereck, K., Steffey, E., Plunkett, D., Prateek, G. (2014). Needles Visitation Inventory Report. Phoenix: Arizona State University, School of community Resources and Development and the Bureau of Land Management.
- Budruk, M., Andereck, K., Prateek, G., Steffey, E. (2014). Arizona State Park Trails Study: Final Technical Report. Phoenix: Arizona State University, School of Community Resources and Development and Arizona State Parks.
- Budruk, M. & Andereck, K., Prateek, G. (2014). 2013-2014 Arizona State Historic Preservation Study: Final Technical Report. Phoenix: Arizona State University, School of Community Resources and Development and Arizona State Parks.
- Budruk, M., Plunkett, D., Steffey, E. (2013). 2012-2013 Maricopa County Park Visitor Study Final Report. Phoenix: Arizona State University, School of Community Resources and Development and Maricopa County Parks and Recreation Department.
- Budruk, M. & Virden, R.J. (2008). Maricopa County Parks Visitor Study, Arizona State University.
- Virden, R. J. & Budruk, M. (2008). Glenwood Springs Field Office Planning Area Visitor Study, Arizona State University.
- Virden, R. J. & Budruk, M. (2008). Grand Junction Field Office Planning Area Visitor Study, Arizona State University.
- Virden, R. J. & Budruk, M. (2008). Kremmling Field Office Planning Area Visitor Study, Arizona State University.
- White, Dave, D., Budruk, M. and Virden, R. (2007). BLM Wyoming National Historic Trails Visitor Survey, Arizona State University.
- Budruk, M. & Waskey, M. (2006). BLM Idaho: Wood River Valley Lands benefits study, Arizona State University.
- Manning, R., & Budruk, M., (2004). Research to support carrying capacity analysis at Boston Harbor Islands National Park Area, Park Studies Laboratory, University of Vermont
- Manning, R., Laven, D., & Budruk, M. (2002). Saratoga National Historical Park visitor survey, Park Studies Laboratory, University of Vermont
- Schneider I., & Budruk, M. (2000). Arizona State University Clean and Beautiful Litter survey. Arizona State University (unpublished report).

Popular Articles

Budruk, M. (1998). People and the parks: The case of Sanjay Gandhi National Park, Mumbai, India. *Anubhav*, 20-22.

Budruk, M. (1996). Chakrashila, Golden Langur haven, *Sanctuary Asia*, 15 (2) 28-31.

Budruk, M. (1996). Palm trees and drain pipes. *Environmental Education News*, Center for Environmental Education, Pune, India.

Posters

Newman, P., Budruk, M., Manning, R. Social carrying capacity in our National Parks. *Earthwatch Principal Investigators Conference*. October 2001, Boston, MA.

Newman, P., Budruk, M., Manning, R., & Leung, Y. Volunteerism: A tale of two studies: Yosemite National Park and Boston Harbor Islands National Park. *9th International Symposium on Society and Resource Management*, June 2002, Bloomington, IN.

Funded Grants/ Contracts and Fellowships

External Grants/ Contracts

Visitor Use Study, Flagstaff Monuments, DOI, US National Park Service with Dr. Dave White. August 2016 – December 2017. **\$98,000**. P.I. (90% recognition).

Young African Leadership Initiative (YALI) East Africa Regional Leadership Initiative with William Valencia. July 1st, 2016 – June 30th, 2019. **\$424,341**. P.I.

Young African Leadership Initiative (YALI) East Africa Regional Leadership Initiative with William Valencia and Dr. Cynthia Lietz. January 1st 2016 – June 30th, 2016. **\$145,075**. P.I.

Arizona Bureau of Land Management Futuring, USDI Bureau of Land Management, with Drs. Nyaupane, G. P., White, D., Buzinde, C., Vogt, C., D'Souza, K. June 1st 2015 – June 30th 2016. **\$49,996**. Co-P.I. (10% recognition).

Arizona State Parks Trails and Historic Preservation study, Arizona State Parks, with Dr. Kathleen Andereck. June 30th, 2013 – May 31st, 2014. **\$118,661**. P.I. (70% recognition).

Needles Visitor Use Study – Phase II - Extension, USDI, Bureau of Land Management, with Dr. Kathleen Andereck. June, 30th, 2013 – June 30th, 2014, **\$130,000**. P.I. (80% recognition).

Maricopa County Parks Visitor Study, Maricopa County Parks and Recreation, December, 1st 2011 – February 28th 2013, **\$62,605**. P.I. (100% recognition).

Religion and Ecology in Western India, National Endowment for the Humanities, Collaborative Research Grant, with Dr. Anne Feldhaus. October 1st 2011 – September 30th, 2014. **\$190,000**. Co P.I. (50% recognition).

Needles Visitor Use Study – Phase II, USDI, Bureau of Land Management, with Dr. Kathleen Andereck. October 1st 2011 - September, 30th, 2013, **\$70,000**. P.I. (80% recognition).

Trail Cooperative Planning and Assessment, Bureau of Land Management, with Drs. White, D., Dallet, N., Andereck, K.L., Warren-Findley, J., Wang, L., Hirt, P., Nyaupane, G.P. and Shockley, G. October 1st 2010 – September 30th, 2014, **\$63,000**. Co P.I. (10% recognition).

Needles Visitor Use Study – Phase I, USDI, Bureau of Land Management, with Dr. Kathleen Andereck. August 31st 2010 - August, 31st, 2011, **\$30,000**. P.I. (80% recognition)

National Visitor Use Monitoring, USDA, United States Forest Service, Kaibab National Forest, October, 1st 2009 – December 31st, 2010, **\$55,495**, P.I. (100% recognition)

Maricopa County Parks Visitor Study, Maricopa County Parks and Recreation, October, 1st 2007 – December 31st 2008, **\$48,523**, P.I. (100% recognition)

Managing and Marketing Public Lands for Explicitly Stated Benefits: Gateway Management Area Benefit Study. USDI, Bureau of Land Management, with Dr. Randy Virden. June 1st, 2007 to December, 31, 2007, **\$18,295**, P.I. (50% recognition)

Managing and Marketing Public Lands for Explicitly Stated Benefits: Gateway Management Area Benefit Study. USDI, Bureau of Land Management, with Dr. Randy Virden. March 31st, 2007 to December, 31, 2007, **\$59,433**, P.I. (50% recognition)

BLM Colorado Benefits Study, USDI, Bureau of Land Management, with Dr. Randy Virden. August 1, 2006 to December 31, 2007, **\$85,406**, P.I. (50% recognition)

BLM Idaho Visitor Study, USDI, Bureau of Land Management, November 1, 2005 to August 31, 2006, **\$25,036**, P.I. (100% recognition)

City Life: Experiencing the World of Teotihuacan. NEH Planning Grant - National Endowment for the Humanities. May 1, 2006 to April 30, 2007, **\$40,000**, Co-P.I. (10% recognition)

BLM Visitor Study, USDI, Bureau of Land Management with Dr. Dave White and Dr. Randy Virden. September 23, 2005 to December, 31, 2005, **\$98,006**, Co-P.I. (25% recognition)

Internal Grants/ Awards

McDowell Mountain Park, Phoenix: Optimizing Individual and Organizational Decision Making Processes. Institute for Social Science Research. **\$6,900**, Co-PI (33% contribution).

A. T. Steele Faculty Travel Grant, Center for Asian Research, ASU, May 2013 to May 2014, **\$1,800**

Strategic Research Investment Fund, College of Public Funds, ASU, June 2013 to May 1st 2014, **\$7,500**

Research Activities Seed Grant, College of Public Programs, ASU, January 2009 to November 2010, **\$13,022**

Summer Research Incentive Award, College of Public Programs, ASU, summer 2008, approximately **\$13,000**

Summer Research Incentive Award, College of Public Programs, ASU, summer 2007, approximately **\$6,400**

Summer Research Incentive Award, College of Public Programs, ASU, summer 2006, approximately **\$3,000**

“City Life: Experiencing the World of Teotihuacan.” Institute for Humanities Research, Competitive Seed Grant, ASU. May 15, 2005 to May 15, 2006, **\$ 9,000**, Co-P.I. (14% contribution).

“Racial Discrimination in Parks and Forest Preserves: An Empirical Study.” Dean’s Incentive Grant, ASU, June 1, 2005 to August 30, 2005, **\$6,007**, P.I.

“Perceived Crowding and Satisfaction at a Zoo.” Office of the Graduate Student Affairs Vice President (GSAVP), Graduate Travel Grant, ASU, July 1999 to April 2000. **\$420**, P.I.

Internal Fellowships

“Mountains, Wilderness, and Transformation” with Dr. Anne Feldhaus. August 2009-May 2010 Institute of Humanities Research Fellowship, Arizona State University. **\$45,000**

TEACHING AND INSTRUCTIONAL ACTIVITIES

Courses Taught at Arizona State University

PRM/REC 120: Leisure and Quality of Life

PRM/REC 160: Leisure and Society

PRM/REC 210: Community Resources and Services

PRM/REC 380: Wilderness and Parks in America (Lecture, Hybrid, Online)

CRD/PRM/NLM/TDM 301: Sustainable Communities

PRM/REC 470: Environmental Interpretation and Education

CRD/REC 555: Theoretical Perspectives in Community Development

PRM 494/REC 598/REL 494/REL 598: Place and Meanings

Courses Taught at the University of Vermont

NR 105: Environmental Problem Analysis Co-Instructor
NR 002: Nature and Culture Teaching Assistant
RM 001: Recreation Management Teaching Assistant

Graduate/Undergraduate Student Advising

Ph.D. Dissertation Committee Chair

Steffey, E. School of Community Resources and Development: Predicting Homeowner Wildfire Mitigation Behaviors in the Wildland-Urban Interface (December 2016)

Plunkett, D. School of Community Resources and Development, Examining the impact of media content, emotions, and mental imagery visualization on pre-trip place attachment (December 2013)

Ph.D. Dissertation Committee Member

Facemire, Challie. School of Life Sciences. Fractured wilderness: The potential for coordinated management and policy in the National Wilderness Preservation System (anticipated May 2019)

Sullivan, Michelle. School of Life Sciences. Preserving parks in a changing world: Management challenges, public choice, and preservation policy at Joshua Tree National Park and beyond (anticipated May 2018)

Shrestha, S. School of Life Sciences. The role of environmental education in biodiversity conservation: A comparative study in the protected areas of Nepal (May 2015)

Poudel, S. School of Community Resources & Development. Measuring sustainability of protected area-based tourism systems. A multimethod approach (December 2014)

Wong, T. Hugh Downs School of Human Communication. Pilgrimage, culture, spirituality and visual ethnography (December 2013)

Stone, M. School of Community Resources and Development. Protected areas, tourism and the cultural capital framework (July 2013)

Biaett, V. School of Community Resources & Development. Exploring the on-site behavior of attendees at community festivals: A social constructivist grounded theory approach (May 2013)

M.S. Recreation and Tourism Studies Thesis Committee Chair

Riske, Taylor. Nature and wellness (Dec 2018)

Sampson, Marena. Connections to nature (May 2017)

Humberger, Olivia. Place meaning and attachment in revitalizing neighborhoods in Denver (May 2017)

Holloway, A. Exploring the influence of survey item order and personality traits on perceived crowding and recreational satisfaction in an urban park environment (May 2011)

McKinney, C. Place attachment: Residents connection to community and natural resources (June 2009)

Myers, D. Stakeholder perceptions of sustainable tourism's social and cultural dimensions in Mammoth, Arizona (May 2009)

Cowen, L. Leisure constraints and physical activity participation among athletic trainers: A profession based assessment (May 2008)

Pershall, H. Valuing green space: Place attachment and environmental attitudes in an urban forest setting (May 2007)

Master's Thesis Committee Member

Hobbins, R. M.S. Recreation and Tourism Studies. Scenario planning for sustainable dark skies: Altering mental models and environmental attitudes through scenario planning (July 2016)

Wei-Hsia Hung., M.S. Recreation and Tourism Studies. The relationship of stress, resources and distress among Taiwanese professional tennis players (August, 2011)

Casson, M., M.S. Recreation and Tourism Studies. Understanding housekeeper's perceived labor mobility and job satisfaction within the hospitality industry in metropolitan Phoenix, Arizona, USA (July 2011)

Cole, Z., M.S. Recreation and Tourism Studies. Quileute environmental values: Effect on attitudes toward natural resource management (May 2009)

Aquino, J., M.S. Recreation and Tourism Studies. Transportation related carrying capacity at Yosemite National park (June 2008)

Wodrich, J., M.S. Recreation and Tourism Studies. Determinants of visitor attitudes toward conservation principles in Yosemite National Park (May 2007)

Masterson, C. A., M.S. Recreation and Tourism Studies. Qualitative case study of water conservation knowledge, attitudes, and intentions (May 2007)

Langello, L., M.S. Recreation and Tourism Studies. Place attachment and perceptions of ecological and social impacts on the Mormon Pioneer Historic Trail (December 2006)

Undergraduate Honors Thesis Committee Chair/ Co-chair

Kallman, Nicole. Public attitudes and value toward non-charismatic species. (Expected Spring 2017 – Co-chair).

Norwil, Evan. Perceptions of safety among trail runners at the City of Phoenix Parks and Preserves (May 2014 - Chair).

Sporka, K., B.S. Tourism Development and Management. Exploring green events through the Theory of Planned Behavior (December 2009 - Chair).

Undergraduate Research Advisor

Delaney, Erin. Selfie taking as a visitor experience in parks.

Sanders, Renee Ashley. Understanding wilderness attitudes among college students.

Neild, Milo. Place attachment among visitors to an Indian World Heritage Site

Williams, Amy. Spirituality and nature

Vizcaino, Victor. Spirituality and nature

Other Student Mentoring

Served as faculty advisor and mentor to Milo Neild and Eric Steffey on a Central AZ Conservation Alliance funded grant to explore user fees at select Maricopa County Regional Parks (2014 – 2015)

Serve as faculty mentor for Alexa Haro (2015)

SERVICE

Professional Service

Associate Editor: Journal of Park and Recreation Administration (Fall 2004 – Present).

Editorial Board Member: Environmental Management (January 2014 – present).

Editorial Board Member: Journal of Outdoor Recreation and Tourism (January 2014 – present).

Co-Guest Editor: Journal of Park and Recreation Administration special issue on Sustainability (Fall 2011).

Reviewer: Environment and Behavior, Environmental Management, Journal of Leisure Research, Leisure Sciences, Loisir, Society and Natural Resources, Tourism in Marine Environments, Tourism Management, Journal of Heritage Tourism.

Maricopa County Parks and Recreation Commission. Vice-Chair January 1st 2017 – December 31st, 2017. Member-at-large: January 13th 2016 – December 31st 2016.

Co – Organizer: 15th International Conference on Maharashtra: Culture and Society with the theme “Interactions between Humans and the Natural World in Maharashtra,” Tempe, USA. April 23- 26, 2014.

University Service

ASU Planning and Advisory Committee, International Academic Partnership Program with India Work with the Vice-Provost for International Strategic Initiatives, ASU, several other ASU colleagues, and the Institute of International Education, to help forge a targeted India strategy for ASU (Fall 2012 – Spring 2013)

ASU University-Community Partnerships for Social Action Research Network (UCP- SARnet)
Board of Directors member (Spring 2013 - present)

Council for South Asia Studies

Co-Chair: August 2014 – August 2016

Member: August 2010 – August 2014

College service

YALI East Africa Regional Leadership Training – Project Lead (January 2016 – present)

Lead a team of six faculty members on the YALI RLC –ASU initiative. Responsible for coordinating between YALI RLC and ASU on curriculum related matters

YALI East Africa Regional Leadership Training - Facilitator and online instructor (A/Y 2015 to present)

Facilitator for six cohorts and online instructor for four cohorts of the YALI East Africa Regional Leadership training program, Nairobi, Kenya

Academic and Student Affairs Committee - Member (A/Y 2005 – 2006)

Make recommendations to the Dean of the College of Public Programs hearings regarding a grade dispute, or other academic issue.

Reader at the graduation ceremony for the School of Community Resources and Development, College of Public Programs (Spring 2008 and Fall 2008)

School service

Academic Program Review (A/Y 2016)

Chair, lead the school's academic program review process.

Personnel Committee

Member (Fall 2014 – present)

Graduate Student Club

Advisor (Spring 2014 - present)

Undergraduate Standards and Appeals Committee (Member A/Y 2014)

Evaluate undergraduate petitions regarding course work

Undergraduate Curriculum Committee

Contribute toward the undergraduate curriculum (Member A/Y 2013)

Scholarship and Awards Committee

Review student applications for the Rombach, Phoenician, Cheatham, Virden, Gephardt, Tempe CVB and Valley Hotel and Resort Association scholarships. Chair (A/Y 2004 to A/Y 2010)

Graduate Curriculum, Research, and Awards Committee

Contribute toward graduate curriculum (Member A/Y 2004 to 2010)

Search Committees

Member on three committees (Director and two Faculty positions) 2005-2007

Awards

Faculty Achievement Award for Research, School of Community Resources & Development, Arizona State University. 2008-2009

Faculty Achievement Award for Teaching, School of Community Resources & Development, Arizona State University. 2007-2008

Outstanding Graduate Student Award, Department of Recreation Management and Tourism,
Arizona State University. 2000

Professional Memberships

National Recreation and Park Association. Member

International Association for Society and Natural Resources, Member