

BRIAN A. PETERSON

Kansas State University
Research Assistant Professor
brianpeterson@ksu.edu

EDUCATION

- 2017-2020 PhD: Parks, Recreation, and Tourism Management
Clemson University
Dissertation: *Advancing spatiotemporal research of visitor travel patterns within parks and protected areas*
Emphasis: Human dimensions of natural resources GIS analyses
- 2016-2017 PhD: Parks, Recreation, and Tourism
University of Utah
Emphasis: Human dimensions of natural resources GIS analyses
*Transferred to Clemson University to follow advisor
- 2014-2016 MS: Parks, Recreation, and Tourism
University of Utah
Thesis: *Mapping the relationships between trail conditions and experiential elements of long-distance hiking*
Emphasis: GIS analyses of social-ecological relationships
- 2000-2004 BA: Biology
University of San Diego
Minor: Chemistry
Emphasis: Pre-Med

PROFESSIONAL EXPERIENCE

- 2021-present Research Assistant Professor
Park Management and Conservation
<https://hnr.k-state.edu/people/faculty/peterson-brian/>
Kansas State University
- 2020-2020 Postdoctoral scholar
Park Management and Conservation
Kansas State University
- 2017-2020 Graduate Research Assistant in Parks, Recreation, and Tourism Management
Clemson University
- 2015-2017 Graduate Research Assistant in Parks, Recreation, and Tourism
University of Utah

Salt Lake City, UT

2011-2014 Project Supervisor of Conservation Projects
California Conservation Corps
 San Diego, CA

2011-2012 Math and Science Tutor
Specialized Learning
 San Diego, CA

2011 Math and Science Tutor
Broomfield High School
 Broomfield, CO

2009-2010 High School Science and Math Teacher
Balboa City School
 San Diego, CA

2009-2010 Conductor of Science Enrichment Programs
Mad Science
 San Diego, CA

2006-2009 Head of Science Department
Fusion Academy
 Solana Beach, CA

2004-2009 High School Science and Math Teacher
Fusion Academy
 Solana Beach, CA

RESEARCH EXPERIENCE

19. *Understanding the drivers and effects of recreation displacement in Southern California national forests* (**Peterson, B.**, Perry, E., Thomas, A., Sanchez, J.). United States Forest Service. Research to identify areas with high potential for fire-related closures and high visitation, social and environmental attributes to maintain during displacement, and messaging that resonates with diverse populations about alternate recreation experiences. **Peterson:** Primary investigator, research design, analysis, and reporting.

18. *How perceptions of diversity in outdoor recreation vary by race and socioeconomic status.* (Meerts-Brandtsma, L.). Weber State University. Research to understand access to outdoor recreation careers. **Peterson:** geospatial analysis.

17. *Aircraft tracking over National Park Service units* (**Peterson, B.**, Hutchinson, S., Sharp, R.). National Park Service. Research to advance the National Park Service and

Federal Aviation Administration ability to effectively track commercial air tours over National Park Service units and to improve the data processing and reporting flow to park units. **Peterson:** Primary investigator, research design, analysis, and reporting.

16. *Research to inform visitor use management and planning at National Capital Region Park* (Fefer, J.) National Park Service. Social science research to understand visitor use management in an urban region. **Peterson:** research design, data collection, and analysis.

15. *Assessing trail and river use at Mammoth Cave National Park* (Brownlee, M., Sharp, R.). National Park Service. Social science research to understand visitor use management. **Peterson:** data collection.

14. *Examining the social carrying capacity for mariculture development on the South Carolina coast* (Norman, W., Duffy, L., Hallo, J., Jodice, L.). South Carolina Sea Grant Consortium, and Clemson University. Research to investigate social constraints, barriers, and hurdles to oyster mariculture in South Carolina. **Peterson:** GIS analyst, data collection.

13. *Examining commercially-guided, boat-based polar bear viewing* (Hallo, J., Dvorak, B.). Arctic National Wildlife Refuge. Social science research to support the implementation of a visitor use management strategy for commercially-guided, boat-based polar bear viewing in the Arctic National Wildlife Refuge. **Peterson:** Data analyst.

12. *Beyond the hospital: Outcomes of visiting a cancer survivors park for cancer and non-cancer related users.* (Hallo, J.). Cancer Survivors Park Greenville, South Carolina. Research to inform managers about users, user perceptions, benefits, personal expectations, and outcomes of visiting the park. **Peterson:** Data analyst.

11. *Adaptation, mitigation, and biophysical feedbacks in the changing Bonneville Salt Flats* (Bowen, B., Brownlee, M., Brazelton, B., & Harman, C.). The National Science Foundation, University of Utah, Clemson University, and the Bureau of Land Management. Research to evaluate the social and biophysical reciprocity in the changing Bonneville Salt Flats. **Peterson:** GIS analyst.

10. *Evaluation of the relationship between current conditions, travel patterns, visitor thresholds, and ferry services at Cumberland Island National Seashore* (Brownlee, M. & Sharp, R.). Clemson University, Kansas State University, and the U.S. National Park Service. Research to inform visitor use management and concessionaire planning at Cumberland Island National Seashore. **Peterson:** Data collection.

9. *Research to inform visitor use management at Theodore Roosevelt National Park* (Sharp, R., Brownlee, M., & Bricker, K.). Kansas State University, University of Utah, Clemson University, and the U.S. National Park Service. Research to inform visitor use management at Theodore Roosevelt National Park. **Peterson:** Data collection.

8. *Evaluation of human use and health outcomes on the Jordan River Trail before and after infrastructure improvement* (Brownlee, M.). University of Utah, Intermountain Healthcare, and the Jordan River Foundation. Research to evaluate frequency, duration, type, and distribution of use on key sections of the Jordan River Trail before and after infrastructure improvement. **Peterson:** Primary research assistant.

7. *Temporal and spatial distributions of visitor use and associated impacts on natural and social conditions at Buffalo National River* (Brownlee, M. & Sharp, R.). University of Utah, Kansas State, and the U.S. National Park Service. Research to gather baseline information to help support visitor use management planning at Buffalo National River. **Peterson:** Primary research assistant.

6. *Farmington City Trails* (Peterson, 2016). University of Utah. Research to determine official trails and map trails for the city of Farmington, UT, which culminated with 62 trail maps that included urban and wilderness trails to be included in a Farmington City trail guidebook. **Peterson:** Primary investigator.

5. *Understanding visitor use at Cumberland Island National Seashore* (Brownlee, M. & Sharp, R.). University of Utah, Kansas State, and the U.S. National Park Service. A specific understanding of visitor use patterns in the primary visitation areas (e.g. the south end of the island) was needed to inform future planning efforts. Research to conduct the tracking of visitor use (e.g. GPS) in areas of high visitation to determine visitor travel patterns. **Peterson:** Primary research assistant.

4. *Mapping the relationships between trail conditions and experiential elements of long-distance hiking* (Peterson, B., Brownlee, M., & Marion, J.). University of Utah and Virginia Tech University. Research to identify how trail conditions influence particular elements of the long-distance hiker's experience, and to index and spatially map these relationships. **Peterson:** Primary investigator.

3. *Research to Evaluate and Manage Visitor Impacts to the Appalachian Trail* (Marion, J.). Virginia Tech. This research provided measurements of the nature and severity of visitor impacts and the sustainability of the trail, overnight shelter and campsites, and day-use recreation sites at sampled segments of the A.T. Principal products include a quantitative characterization and documentation of baseline conditions, relational analyses and evaluations of attributes related to the sustainability of the trail's alignments and camping locations, and science-based guidance for improving the selection and professional management of the trail's alignments and campsites. **Peterson:** Data collection.

2. *Evaluating and mapping student preferences for trail features and potential uses in the Red Butte Creek riparian corridor* (Brownlee, M.). University of Utah and Friends of Red Butte Creek. Research to identify, evaluate, and map University of Utah student preferences for a) general trail features, b) potential trail routes, c) indicators of quality, d) trail access, and e) potential uses of the Red Butte Creek riparian corridor located southwest of Bonneville Shoreline Trail and northeast of Foothill Drive. This purpose

aligns with the research objective to spatially map social preference data in order to outline, compare, and propose the three most socially desirable trail routes in the Red Butte Creek riparian corridor. **Peterson**: GIS analyst and data collection.

1. *A Comprehensive Survey of OHV Riders in Utah: Benefits Based Analysis and Economic Impact* (Brownlee, M.). 2014. University of Utah and the Utah Department of Natural Resources (Division of State Parks and Recreation; OHV Program). Research to evaluate riders' desired benefits, perceived availability of amenities, and monetary expenditures. **Peterson**: Data collection.

PEER-REVIEWED MANUSCRIPTS

Google Scholar profile:

https://scholar.google.com/citations?user=4s031_oAAAAJ&hl=en&oi=sra

Doebelin, D., Sharp, R. L., Brownlee, M. T., Fefer, J. P., **Peterson, B. A.** (2022). Do park experiences matter? The experienced condition and moderating variables as potential predictors of visitor thresholds for outdoor recreation settings. *Leisure Sciences*. (in review).

Jenkins, J. S., Abatzoglou, J. T., **Peterson, B. A.**, (2022). Spring snowpack levels in snow drought and high snowpack years show differences in the volume and timing of spring and peak season overnight visitation to Yosemite Wilderness. *Weather, Climate, and Society*. (in review).

Cochran, A., Sharp, R. L., **Peterson, B. A.**, Fefer, J., & Martin, C. (2022). Utilization of GPS Data Loggers and GIS Analysis for the Evaluation of Interpretive Signage to Influence Visitor Travel Patterns and Enhance Wayfinding in Parks and Protected Areas. *Journal of Interpretation Research*, 10925872221139778.

Peterson, B. A., Shively, R. D., Jackson, S. K., Rogowski, J., Beeco, J. A., & Joyce, D. (2022). Using ADS-B Data to Understand Overflight Altitude Characteristics at Hawai'i Volcanoes National Park. *The Professional Geographer*, 1-13.

Peterson, B. A., Brownlee, M.T., Beeco, J. A., Hallo, J. C., White, D. L., & Joyce, D. (2022). Spatiotemporal analysis to identify air tour travel patterns at Hawai'i Volcanoes National Park. *Journal of Outdoor Recreation and Tourism*, 37, 100476.

Peterson, B. A., Sharp, R. L., Fefer, J. P., & Brunson, M. A. (2021). The Utility of GIS for Identifying Areas of Recreation Conflict for Targeted Interpretive Messaging. *Journal of Interpretation Research*, 10925872211019731.

Peterson, B. A., Fefer, J. P., Sharp, R. L., Brunson, M. M., & Skibins, J. C. (2021). To connect or not to connect: Visitor preferences for Wi-Fi and cellular network service at a national park. *Social Sciences & Humanities Open*, 4(1), 100179.

Nettles, J. M., Brownlee, M. T., Sharp, R. L., Blacketer, M. P., & **Peterson, B. A.** (2021). Seasonal and Destination-Based Variation in Visitor Travel Routes in a Designated Wilderness. *International Journal of Wilderness*.

Peterson, B. A., Brownlee, M. T., Hallo, J. C., Beeco, J. A., White, D. L., Zajchowski, C. A., & Bowen, B. B. (2020). Grid Analysis of Visitor Travel Patterns in a Dispersed Outdoor Recreation Setting. *Journal of Park and Recreation Administration*.

Peterson, B. A., Brownlee, M. T., Hallo, J. C., Beeco, J. A., White, D. L., Sharp, R. L., & Cribbs, T. W. (2020). Spatiotemporal variables to understand visitor travel patterns: A management-centric approach. *Journal of Outdoor Recreation and Tourism*, 31, 100316.

Peterson, B. A., Perry, E. E., Brownlee, M. T., & Sharp, R. (2020). The transient nature of concentrated use at a national park: A spatiotemporal investigation into visitor behavior. *Journal of Outdoor Recreation and Tourism*, 31, 100310.

Jacobs, L. A., Blacketer, M. P., **Peterson, B. A.**, Levithan, E., Russell, Z. A., & Brunson, M. (2020). Responding to COVID-19 and future times of uncertainty: Challenges and opportunities associated with visitor use, management, and research in parks and protected areas. In *Parks Stewardship Forum* (Vol. 36, No. 3).

Zajchowski, C. A., Brownlee, M. T., Blacketer, M. P., **Peterson, B. A.**, Craft, K., & Bowen, B. B. (2020). Rapid Resource Change and Visitor-Use Management: Social–ecological Connections at the Bonneville Salt Flats. *Environmental Management*, 1-15.

Miller, L. B., Hallo, J. C., Dvorak, R. G., Fefer, J. P., **Peterson, B. A.**, & Brownlee, M. T. (2020). On the edge of the world: examining pro-environmental outcomes of last chance tourism in Kaktovik, Alaska. *Journal of Sustainable Tourism*, 1-20.

Riungu, G. K., **Peterson, B. A.**, Beeco, J. A., & Brown, G. (2018). Understanding visitors' spatial behavior: a review of spatial applications in parks. *Tourism Geographies*, 20(5), 833-857.

Peterson, B. A., Brownlee, M. T., & Marion, J. L. (2018). Mapping the relationships between trail conditions and experiential elements of long-distance hiking. *Landscape and Urban Planning*, 180, 60-75.

BOOKS AND CHAPTERS

D'Antonio, **Peterson**, etc. Levels and patterns of use. In Brownlee, M.T., Freimund, W., Hallo, J., Miller, Z.D., & Sharp, R. (editors). *Visitor Use Management in Parks*

and Protected Areas: Traditions, approaches, and possibilities. Urbana, IL: Sagamore-Venture Publishing (in review). **Peterson:** co-author of book section.

Mikulecky, P., Rose Gilman, M., & **Peterson, B.** (2008). *AP biology for dummies.* Hoboken, NJ: Wiley Publishing, Inc. **Peterson:** co-author of all book sections.

Mikulecky, P., Brutlag, K., Rose Gilman, M., & **Peterson, B.** (2008). *Chemistry workbook for dummies.* Hoboken, NJ: Wiley Publishing, Inc. **Peterson:** co-author of all book sections.

TECHNICAL REPORTS

Peterson, B. A., Hutchinson, J. M. S., Gurung, B., Beeco, J. A., Anderson, S. J., & Joyce, D. (2022). *Exploring spatial patterns of overflights at Great Smoky Mountains National Park.* Technical report submitted to the U.S. National Park Service. In fulfillment of Cooperative Agreement No. P21AC10586. (in review).

Gurung, B., **Peterson, B. A.,** Beeco, J. A., Anderson, S. J., & Joyce, D. (2022). *Exploring spatial patterns of overflights at Lake Mead National Recreation Area.* Technical report submitted to the U.S. National Park Service. In fulfillment of Cooperative Agreement No. P21AC10586.

Peterson, B. A., Beeco, J. A., Anderson, S. J., & Joyce, D. (2022). *Exploring spatial patterns of overflights at Mount Rushmore National Memorial.* Technical report submitted to the U.S. National Park Service. In fulfillment of Cooperative Agreement No. P21AC10586.

Peterson, B. A. (2021). *Understanding overflights at Haleakalā National Park National Park.* Technical report submitted to the U.S. National Park Service. In fulfillment of Cooperative Agreement No. P21AS00320.

Peterson, B. A. (2021). *Understanding overflights at Hawai'i Volcanoes National Park.* Technical report submitted to the U.S. National Park Service. In fulfillment of Cooperative Agreement No. P21AS00320.

Peterson, B. A., & Brownlee, M. T. (2018). *Evaluation of human use on the Jordan River Trail between Indiana and California Avenue.* Technical report submitted to the Jordan River Foundation and the National Park Service Rivers, Trails, and Conservation Assistance Program in fulfillment of Project No. 51005355.

Peterson, B. A., Brownlee, M. T., Sharp, R. L., & Cribbs, T. (2018). *Visitor Use and Associated Thresholds at Buffalo National River.* Technical report submitted to the U.S. National Park Service. In fulfillment of Cooperative Agreement No. P16AC00194.

Peterson, B. A., Brownlee, M. T., & Sharp, R. L. (2017). *Understanding Visitor Use at Cumberland Island National Seashore: GPS Visitor Tracking.* Technical report

submitted to the U.S. National Park Service. In fulfillment of Cooperative Agreement No. P16AC00449.

Gatti, E., Brownlee, M. T., & **Peterson, B. A.** (2016). *Evaluating and Mapping Student Preferences for Trail Features along Red Butte Creek*. Technical report submitted to the Friends of Red Butte Creek.

PRODUCTION OF CUSTOM SOFTWARE FOR RESEARCH PROJECTS

Hutchinson, J. M. S., **Peterson, B. A.**, & Gurung, B. (2022). *ADS-B Overflight Analysis Toolbox*. Custom software delivered to the National Park Service. In fulfillment of Cooperative Agreement No. P21AC10586. (in review).

AWARDED RESEARCH GRANTS

Peterson, B. A., Perry, E. E., Thomas, A., & Sanchez, J. (2022). *Understanding the drivers and effects of recreation displacement in Southern California national forests*. Research to provide United States Forest Service managers with knowledge about drivers of recreation displacement, how they can more sustainably manage recreation, and provide equitable access for recreation opportunities. \$345,967 awarded; 3-year contract.

Peterson, B. A., Hutchinson, J. M. S., & Sharp, R. L. (2021). *Aircraft tracking over National Park Service units*. Research to advance the National Park Service and Federal Aviation Administration ability to effectively track commercial air tours over National Park Service units and to improve the data processing and reporting flow to park units. \$149,381 awarded; 3-year contract.

Peterson, B. A., & Meerts-Brandsma, L. (2016). *Recycling audit of the Annex building: a proposed grant submitted by the parks, recreation, and tourism sustainability committee*. The purpose of the project was to conduct a recycling audit of Annex C at the University of Utah. \$1,000 awarded.

CONFERENCE PRESENTATIONS

22. Gurung, B., **Peterson, B. A.**, Beeco, J. A., Hutchinson, J. M. S., Anderson, S., Deeds, W., Joyce, D., & Betchkal, D. (2022). *Using ADS-B data to track low-level overflights at protected areas*. Presented at the National Outdoor Recreation Conference.

21. Henry, C., Fefer, J., **Peterson, B.**, Scrugss, C., Zajchowski, C., & Rogowski, J. (2022). *Using mobile device data to document use in two urban-proximate national parks*. Presented at The National Environment and Recreation Research Association annual conference.

20. Perry, E. & **Peterson, B.** (2021). *Identifying opportunities for small cultural parks to build regional relevance: A social and spatial network analysis approach to measures of leverage*. Presented at the American Association of Geographers annual meeting.
19. **Peterson, B.** & Brownlee, M., (2019). *Understanding visitors' spatial behavior: a review of spatial applications in parks and protected areas*. Presented at the American Association of Geographers annual meeting.
18. King, R., Leroux, E., Matthew, B., **Peterson, B.**, & Hallo, J., (2019). *Beyond the hospital: outcomes of visiting a cancer survivors park for cancer and non-cancer related users*. Presented at the Southeastern Recreation Research Conference.
17. Perry, E., **Peterson, B.**, Cribbs, T., Sharp, R., & Brownlee, M., (2019). *Visitors' preferences for crowding conditions in wilderness and non-wilderness stretches of the Buffalo National River*. Presented at the Southeastern Recreation Research Conference.
16. Wilson, T., Hallo, J., Dvorak, R., Fefer, J., **Peterson, B.**, & Miller, L., (2019). *Occurrences and experiential outcomes of last chance tourism in arctic Alaska*. Presented at the Southeastern Recreation Research Conference.
15. Miller, L., Hallo, J., Dvorak, R., Fefer, J., Wilson, T., & **Peterson, B.**, (2019). *On the edge of the world: Examining pro-environmental outcomes of a last chance tourism experience in Kaktovik, Alaska*. Presented at the Southeastern Recreation Research Conference.
14. **Peterson, B.**, & Brownlee, M., (2019). *Tools for determining Outdoor Recreationists' spatial behavior in a variety of settings*. Presented at The Academy of Leisure Sciences' Annual Conference on Research and Teaching.
13. Blacketer, M., Zajchowski, C., **Peterson, B.**, & Brownlee, M., (2018). *Recreation solubility: The dynamic relationship between salt crust moisture, spatial travel patterns, and visitor experience indicators at the Bonneville Salt Flats*. Presented at the International Symposium for Society & Resource Management, Snowbird, UT.
12. **Peterson, B.**, Brownlee, M., & Sharp, R. L. (2017). *Using GPS Visitor Tracking to evaluate visitor travel patterns at Cumberland Island National Seashore*. Presented at National Outdoor Recreation Conference.
11. Neild, M., **Peterson, B.**, & Brownlee, M. (2017). *Using motion-activated photography to evaluate physical activity in parks*. Presented at National Outdoor Recreation Conference.

10. **Peterson, B.**, Brownlee, M., & Sharp, R.L. (2017). *The application of GPS visitor tracking to determine seasonal ranger presence at Cumberland Island National Seashore*. Presented at George Wright Society Conference.
9. **Peterson, B.**, Brownlee, M., & Marion, J. (2017). *Mapping the relationships between trail conditions and experiential elements of long-distance hiking*. Presented at George Wright Society Conference.
8. Neild, M., **Peterson, B.**, & Brownlee, M. (2017). *Using motion-activated photography to evaluate physical activity in parks*. Presented at George Wright Society Conference.
7. Cribbs, T., Sharp, R.L., Brownlee, M., & **Peterson, B.** (2017). *Temporal and spatial distribution of visitor use and associated impacts at Buffalo National River*. Presented at George Wright Society Conference.
6. Jones, C., & **Peterson, B.** (2017). *University of Utah George Wright Society student chapter poster presentation*. Presented at University of Utah's Global Change and Sustainability Center Research Symposium.
5. **Peterson, B.**, Brownlee, M., & Sharp, R. (2017). *Using GPS Visitor Tracking to evaluate visitor travel patterns at Cumberland Island National Seashore*. Presented at University of Utah's Global Change and Sustainability Center research symposium.
4. **Peterson, B.** (2016) *Farmington City Trails*. Presented at University of Utah's GIS Day Poster Competition.
3. **Peterson, B.**, Brownlee, M., & Marion, J. (2016). *Spatially mapping the relationship between trail conditions and the long-distance hiking experience on the northern section of the Appalachian Trail*. Presented at the River Management Symposium and National Outdoor Recreation Conference. Boise, Idaho.
2. Gatti, E., **Peterson, B.**, & Brownlee, M. (2016). *Evaluating and mapping student preferences for trail features and potential uses in the Red Butte Creek riparian corridor*. Presented at University of Utah's Global Change and Sustainability Center Research Symposium.
1. **Peterson, B.**, & Brownlee, M., (2015). *The relationships between trail conditions and experiential elements of the long-distance hiking experience on the northern section of the Appalachian Trail*. Presented to scientific community evaluating and managing the sustainability of the Appalachian Trail. Virginia Tech University.

**PROFESSIONAL PRESENTATIONS OF RESEARCH FINDINGS TO
MANAGERS OF PARKS AND PROTECTED AREAS**

Understanding overflights at Mount Rushmore National Memorial (2021). Presented to the U.S. National Park Service.

Spatiotemporal analysis to identify air tour travel patterns at Hawai'i Volcanoes National Park (2020). Presented to the U.S. National Park Service.

Examining the social carrying capacity for mariculture development on the South Carolina coast (2019). Presented to South Carolina coastal stakeholders.

Temporal and spatial distributions of visitor use and associated impacts on natural and social conditions at Buffalo National River (2018). Presented to the U.S. National Park Service.

Understanding visitor use at Cumberland Island National Seashore (2016). Presented to the U.S. National Park Service.

COURSES TAUGHT

PMC 580 - Park Operations and Maintenance Management. Kansas State University. Fall, 2021.

FOR 741A - Visitor Use Management GIS. Kansas State University. Spring, 2021.

PMC 810 - Quantitative research methods in park management and conservation. Kansas State University. Fall, 2020. (co-taught with Dr. Jessica Fefer)

Recreation Resource Planning in Forest Management. Clemson University. Fall, 2019.

Data Analysis in Parks, Recreation, and Tourism Management. Clemson University, Spring, 2019.

Parks, Recreation, and Tourism Management Recreation Research II (Honors). Clemson University, Spring, 2019.

INVITED LECTURES

Introduction to Outdoor Recreation. Kansas State University. Fall, 2022. Lead instructor: Dr. Jessica Fefer.

Management of Complex Systems Seminar. University of California at Merced. Spring, 2022. Lead Instructor: Dr. Jeff Jenkins.

Social Science Methods in Natural Resources. University of Georgia. Fall, 2021. Lead instructor: Dr. Ryan Sharp.

Introduction to Outdoor Recreation. Kansas State University. Fall, 2020. Lead instructor: Dr. Jessica Fefer.

Recreation Policymaking. Clemson University. Fall, 2019. Lead instructor: Dr. Elizabeth Perry.

Leisure Skills – Backpacking and Camping. Clemson University. Fall, 2019. Lead instructor: Caitlin Henry.

Leisure and Society. University of North Carolina Wilmington. Fall, 2019. Lead instructor: Dr. Hunter Holland.

Visitor Behavior Analysis. University of Minnesota. Fall, 2019. Lead instructor: Dr. Ingrid Schneider.

Research Methods in Parks, Recreation, and Tourism Management. Clemson University. Spring, 2019. Lead instructor: Dr. Matthew Brownlee.

Advanced Recreation Resource Management. Clemson University. Fall, 2018. Lead instructor: Dr. Matthew Brownlee.

Ecology and Management of Wildland Recreation. University of Utah. Spring, 2016. Lead instructor: Dr. Matthew Brownlee.

Parks, Recreation, and Tourism Integrated Core: Natural Resource Recreation Planning and Management & Adventure Outdoor Program Discussion Group. University of Utah. Fall, 2015. Lead instructor: Dr. Chris Zajchowski.

GRADUATE STUDENT COMMITTEE CHAIR

Gurung, Bijan (2021-). Dissertation topic under development. *Doctor of Philosophy: Park Management and Conservation*. Kansas State University.

MASTER'S ADVISORY COMMITTEES SERVED ON

Ward, Joseph, M.S. Kansas State University. *Investigating visitor behavior in relation to Leave No Trace practices*. 2022.

Cochran, Amy, M.S. Kansas State University. *Evaluation of visitor travel patterns after signage manipulation at the Tallgrass Prairie Preserve*. 2021

Wilson, Tana, M.S. Clemson University. *Occurrences and experiential outcomes of last chance tourism in Arctic Alaska*. 2019

Miller, Lauren, M.S. Clemson University. *On the edge of the world: examining pro-environmental outcomes of last chance tourism in Kaktovik, Alaska*. 2019

BOARD POSITIONS

Board Member, *Mount Mitchell Heritage Prairie Park*. 2021-present.

Mount Mitchell is a National Park Service Network to Freedom Site, a Native American sacred site, and a Star Attraction of the Freedom's Frontier National Heritage Area.

Board Member, *George Wright Society Board*. 2020-2022.

The George Wright Society promotes protected area stewardship by bringing practitioners together to share their expertise.

Graduate Student Representative to the Board of Directors, *George Wright Society Board*. 2017-2020.