

Michael D. Ferguson, Ph.D.

Curriculum Vitae

[The ARRC Lab: Applied Recreation Research Collaborative](#)

University of New Hampshire
193 Hewitt Hall, 4 Library Way
Durham, NH 03824

Phone: (603) 862-1644
Fax: (603) 862-2722
Email: Michael.Ferguson@unh.edu

EDUCATION

- Ph.D. 2016 The Pennsylvania State University, University Park, Pennsylvania
Recreation, Park, and Tourism Management
Human Dimensions of Natural Resources and the Environment (Dual-Degree)
- M.S. 2012 West Virginia University, Morgantown, West Virginia
Recreation, Parks, and Tourism Resources
- B.S. 2009 West Virginia University, Morgantown, West Virginia
Recreation, Parks, and Tourism Resources

PROFESSIONAL EXPERIENCE

- 2017-Present University of New Hampshire
Recreation Management and Policy
Assistant Professor
- 2016-2017 The Pennsylvania State University
Recreation, Park, and Tourism Management
Postdoctoral Researcher
- 2012-2016 The Pennsylvania State University
Recreation, Park, and Tourism Management
Graduate Research Assistant and Instructor
- 2010-2012 West Virginia University
Recreation, Parks, and Tourism Resources
Graduate Research Assistant and Instructor
- 2009-2012 Whitewater Adventurers
Youghiogheny River, Pennsylvania
Whitewater Rafting Guide
- 2008-2009 West Virginia University
Recreation, Parks, and Tourism Resources
Social Science Field Researcher

TEACHING

1. Instructor- History of Outdoor Pursuits in North America (RMP 515)
Spring 2022, Overall Instructor Rating- Q4: 94%, Q5: 89%, Q7: 88%
2. Instructor- Marketing the Recreation Experience (RMP 559)
Spring 2022, Overall Instructor Rating- Q4: 97%, Q5: 100%, Q7: 95%
3. Instructor- Recreation Resource Management (RMP 711)
Fall 2021, Overall Instructor *Interim* Agreement Rating- Q4: 90%, Q5: 98%, Q7: 90%
4. Instructor- Venue Management and Design and Operations (RMP 670)
Fall 2021, Overall Instructor *Interim* Agreement Rating- Q4: 100%, Q5: 100%, Q7: 90%
5. Instructor- History of Outdoor Pursuits in North America (RMP 515)
Spring 2021, Overall Instructor *Interim* Agreement Rating- Q4: 92%, Q5: 90%, Q7: 81%
6. Instructor- Recreation Administration and Organizational Behavior (RMP 806)
Spring 2021, Overall Instructor *Interim* Agreement Rating- Q4: 86%, Q5: 98%, Q7: 90%
7. Instructor- Program and Event Marketing (RMP 559)
Fall 2020, Overall Instructor Rating- 4.94/5.00
8. Instructor- Venue Management and Design and Operations (RMP 670)
Fall 2020, Overall Instructor Rating- 4.85/5.00
9. Instructor- History of Outdoor Pursuits in North America (RMP 515)
Spring 2020, Overall Instructor Rating- N/A (*COVID-19- no metric/data available)
10. Instructor- Program and Event Marketing (RMP 559)
Spring 2020, Overall Instructor Rating- N/A (*COVID-19- no metric/data available)
11. Instructor- Recreation Resource Management (RMP 711/811)
Fall 2019, Overall Instructor Rating- 4.88/5.00
12. Instructor- Venue Management and Design and Operations (RMP 670)
Fall 2019, Overall Instructor Rating- 5.00/5.00
13. Instructor- History of Outdoor Pursuits in North America (RMP 515)
Spring 2019, Overall Instructor Rating- 4.40/5.00
14. Instructor- Recreation Administration and Organizational Behavior (RMP 806)
Spring 2019, Overall Instructor Rating- 3.75/5.00
15. Instructor- Management and Design of Recreation and Park Facilities (RMP 770/870)
Fall 2018, Overall Instructor Rating- 5.00/5.00
16. Instructor- Program and Event Marketing (RMP 559)
Fall 2018, Overall Instructor Rating- 4.90/5.00

17. Instructor- Management and Design of Recreation and Park Facilities (RMP 770/870)
Spring 2018, Overall Instructor Rating- 4.91/5.00
18. Instructor- History of Outdoor Pursuits in North America (RMP 515)
Spring 2018, Overall Instructor Rating- 4.87/5.00
19. Instructor- Recreation Resource Management (RMP 711/811)
Fall 2017, Overall Instructor Rating- 4.88/5.00
20. Instructor- Program and Event Marketing (RMP 559)
Fall 2017, Overall Instructor Rating- 4.62/5.00

UNIVERSITY OF NEW HAMPSHIRE

THE PENNSYLVANIA STATE UNIVERSITY

21. Instructor- Recreation and Park Management (RPTM 470)
Spring 2015, Overall Instructor Rating- 6.8/7.0
22. Instructor- Recreation and Park Facility Planning and Management (RPTM 435)
Fall 2015, Overall Instructor Rating- 6.2/7.0
23. Instructor- Recreation and Park Facility Planning and Management (RPTM 435)
Fall 2014, Overall Instructor Rating- 6.5/7.0
24. Co-Instructor- Sustainable Tourism and the Environment (RPTM 297D) *Study Abroad
Spring 2014 and Summer 2014, Overall Instructor Rating- N/A
25. Teaching Assistant- Outdoor Recreation Consortium (RPTM 497C)
Spring 2014, Overall Instructor Rating- N/A
26. Teaching Assistant- Recreation and Park Facility Planning & Management (RPTM 435)
Fall 2013, Overall Instructor Rating- 6.3/7.0

THE PENNSYLVANIA STATE UNIVERSITY

WEST VIRGINIA UNIVERSITY

27. Instructor- Outside in Nature! (Draussen in der Natur!) (RPTR 293) *Study Abroad
Spring 2012 and Summer 2012, Overall Instructor Rating N/A
28. Teaching Assistant- Recreation Research Methods (RPTR 450)
Fall 2011, Overall Instructor Rating N/A

PEER REVIEWED ARTICLES (PUBLISHED OR IN-PRESS)

1. **Ferguson, M. D.**, Perry, E. E., Lynch, M. L.*, Ferguson, L. A., Kiewra, L. A., Leberman, M., Koopman, A., Barcelona, R., Reigner, N., & Manning, R. E. (2022a). Expanding the Viewshed: Insights and Implications for Examining Visitor Use Management across Scales and Modalities in an Iconic National Forest. *Journal of Outdoor Recreation and Tourism*. DOI: [10.1016/j.jort.2022.100570](https://doi.org/10.1016/j.jort.2022.100570)
2. **Ferguson, M. D.**, Caraynoff, A.*, Ferguson, L. A., Barcelona, R., Evensen, D., Knox, H., Pytlík, S., & Grosz, D. (2022b). Weather They Return: Modeling Outdoor Recreation Behaviors, Decision-Making, and Intention-To-Return in Federally Designated Wilderness. *Forests*. DOI: [10.3390/f13071018](https://doi.org/10.3390/f13071018)
3. **Ferguson, M. D.**, McIntosh, K.*, English, D. K., Ferguson, L. A., Barcelona, R., Giles, G.*, Fraser, O., & Leberman, M. (2022c). The Outdoor Renaissance: Assessing the Impact of the COVID-19 Pandemic upon Outdoor Recreation Visitation and Behaviors in New England's National Forests. *Society of Natural Resources*. DOI: [10.1080/08941920.2022.2055247](https://doi.org/10.1080/08941920.2022.2055247)
4. **Ferguson, M. D.**, Lynch, M. L.*, Evensen, D., Ferguson, L. A., Barcelona, R., and Giles, G* (2022d). The Nature of the Pandemic: Exploring the Negative Impacts of the COVID-19 Pandemic upon Recreation Visitor Behaviors and Experiences in Parks and Protected Areas. *Journal of Outdoor Recreation and Tourism*. DOI: [10.1016/j.jort.2022.100498](https://doi.org/10.1016/j.jort.2022.100498)
5. Bidwell, D., Firestone, J., & **Ferguson M. D.** (2022). Love Thy Neighbor (or not): Regionalism and Support for the use of Offshore Wind Energy in Other States. *Energy Research and Social Science*. DOI: [10.1016/j.erss.2022.102599](https://doi.org/10.1016/j.erss.2022.102599)
6. **Ferguson, M. D.**, Giles, G.*, Ferguson, L. A., Barcelona, R., Evensen, D., & Barrows, C. (2021a). Seeing the Forest for the Trees: A Social-Ecological Systems Approach to Managing Outdoor Recreation Visitation in Parks and Protected Areas. *Journal of Outdoor Recreation and Tourism*. DOI: [10.1016/j.jort.2021.100473](https://doi.org/10.1016/j.jort.2021.100473)
7. **Ferguson, M. D.**, Evensen, D., Ferguson L. A., Bidwell, D., Firestone, J., Dooley, T. L.*, & Mitchell, C. R. (2021b). Uncharted waters: Exploring coastal recreation impacts, coping behaviors, and attitudes towards offshore wind energy development in the United States. *Energy Research and Social Science*. DOI: [10.1016/j.erss.2021.102029](https://doi.org/10.1016/j.erss.2021.102029)
8. **Ferguson, M. D.**, Lynch, M. L.*, Miller, Z. D., Ferguson, L. A., & Newman, P. (2020a). What do outdoor recreationists think of fracking? Politics, ideology, and perceptions of shale gas energy development in Pennsylvania State Forests. *Energy Research and Social Science*. DOI: [10.1016/j.erss.2019.101384](https://doi.org/10.1016/j.erss.2019.101384)
9. Miller, Z. D., Ferguson, L. A., Newman, P., **Ferguson, M. D.**, Tipton, N., Taff, B. D., & Sparrow, V. (2020). Developing Visitor Thresholds of Sound from Natural Gas Compressors for Motorized and Non-Motorized Recreation Users in Pennsylvania State Forests. *Applied Acoustics*. DOI: [10.1016/j.apacoust.2019.107012](https://doi.org/10.1016/j.apacoust.2019.107012)
10. **Ferguson, M. D.**, Lynch, M. L.*, Powers, S. L.*, Barrett, A. B., Evensen, D., Graefe, A. R., & Mowen, A. J. (2019a). The Impacts of Shale Natural Gas Energy Development on Outdoor

Recreation: A Statewide Assessment of Pennsylvanians. *Journal of Outdoor Recreation and Tourism*. DOI: [10.1016/j.jort.2019.100230](https://doi.org/10.1016/j.jort.2019.100230)

11. Kim, J.*, **Ferguson, M. D.**, Hickerson, B. D., & Mowen, A. J. (2019). The Association of Constraints, Negotiations, and Social Influences with Recreation Specialization among Recreational Baseball Participants. *Journal of Park and Recreation Administration*. DOI: [10.18666/JPRA-2019-8794](https://doi.org/10.18666/JPRA-2019-8794)
12. **Ferguson, M. D.**, Powers, S. L.*, Trauntvein, N., Jacquet, J. B., Graefe, A. R., & Mowen, A. J. (2019b). Winds of Change: Predicting Water-Based Recreationists' Support and Opposition for Offshore Wind Energy Development in the Great Lakes. *Journal of Great Lakes Research*. DOI: [10.1016/j.jglr.2018.10.006](https://doi.org/10.1016/j.jglr.2018.10.006)
13. **Ferguson, M. D.**, Burns, R. C., & Smaldone, D. (2018a). Innovations in Outdoor Recreation Visitor Use Management: Applying Market Segmentation at the Timberline Lodge Recreation Complex. *International Leisure Review*. DOI: [10.6298/ILR.201806_7\(01\).0006](https://doi.org/10.6298/ILR.201806_7(01).0006)
14. **Ferguson, M. D.**, Mueller, J. T.*, Graefe, A. R., & Mowen, A. J. (2018b). Coping with Climate Change: A Study of Great Lakes Water-Based Outdoor Recreationists. *Journal of Park and Recreation Administration*. DOI: [10.18666/JPRA-2018-V36-I2-8296](https://doi.org/10.18666/JPRA-2018-V36-I2-8296)

UNIVERSITY OF NEW HAMPSHIRE

THE PENNSYLVANIA STATE UNIVERSITY

15. Haney, J. M., **Ferguson, M. D.**, Engle, E., Olcott, D. K., Wood, K., Luloff, A.E., & Finley, J. (2015). Defining the 'C' in Community Supported Agriculture. *Agriculture, Food Systems and Community Development*. DOI: [10.5304/jafscd.2015.053.009](https://doi.org/10.5304/jafscd.2015.053.009)

PEER REVIEWED ARTICLES (UNDER REVIEW)

Ferguson, M. D., Rodrigues, K.*, Ferguson, L. A., Caraynoff, A.*, Barcelona, R., & Evensen, D. (2022). A Walk in the Woods: Examining Outdoor Recreation Health Outcomes, Behaviors, and Visitor Use Management in Parks and Protected Areas. *Journal of Outdoor Recreation and Tourism*.

Ferguson, M. D., Ferguson, L. A., Mol, R., Caraynoff, A.*, & Barcelona, R. (2022). The Bio-Gap: A Social-Ecological Approach to Assessing Biodiversity in Parks and Protected Areas. *Conservation Letters*.

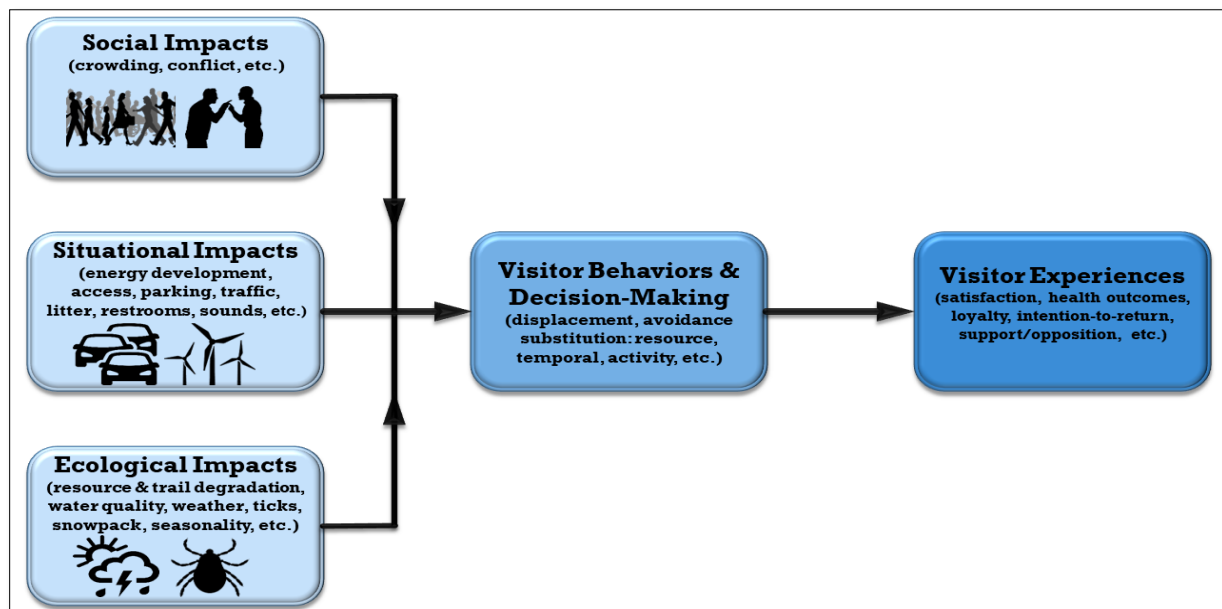
PEER REVIEWED ARTICLES (IN PREPERATION)

Ferguson, M. D., Robinson, T.*, Ferguson, L. A., Barcelona, R., & Evensen, D. (2023). Rising Tides: A Social-Ecological Approach to Evaluating Ecosystem Services and Visitor Use Management in the Great Bay Estuary and Reserve. *Journal of Ocean and Coastal Management*.

Ferguson, M. D., Perry, E. E., Ferguson, L. A., & Barcelona, R. (2023). Pushed Away: An Examination of Displaced Outdoor Recreation Visitors on the White Mountain National Forest. *Journal of Outdoor Recreation and Tourism*.

PROGRAM OF RESEARCH

My research models outdoor recreation visitor behaviors, decision-making, and experiences in PPA settings. I employ a wide array of mixed methods approaches within my research including multi-modal sampling, multi-level modeling, and multivariate, bivariate, and qualitative data analyses procedures. A primary goal of my research is to investigate the complex human-nature relationship and produce empirical research to inform long-term public and organizational policies that sustainably manage increasing outdoor recreation visitation. A second aspect of my scholarship is to develop and inform social science methods and theories which advance understanding of the interactions between society and natural resources. **My primary area of research focuses on outdoor recreation visitor use management within PPAs.** My interlinked sub-areas of research focus on the extent to which three specific factors influence visitor behaviors, decision-making, and experiences within PPAs: 1) *social impacts*, 2) *situational impacts*, and 3) *ecological impacts*. Each of my research sub-lines are subsumed under the primary research line of *visitor use management*. They are not distinct research lines of their own, rather, my social, situational, and ecological research sub-lines influence and inform visitor use management.



My research lines integrate components of both the *social-ecological systems* and *stress-coping frameworks* to examine the influence of social, situational, and ecological impacts upon visitor behaviors, decision-making, and experiences in PPAs. PPAs have historically been researched and managed within a narrow scope, often focusing solely on oversimplified bivariate relationships, such as the influence of crowding upon visitor satisfaction. Human behaviors and decision-making in PPAs are complex and adaptive, however, as they take place within both natural and built environments requiring a broader approach to visitor use management. Limited research, however, has integrated social-ecological concepts within PPA settings, and even fewer studies have integrated this concept within the stress-coping framework. My research addresses this gap by empirically demonstrating that increases in not only *social* impacts, but also *situational* and *ecological* impacts often necessitate the employment of coping mechanisms, which in turn have significant downstream influences on visitor behaviors, decision-making, and experiences in PPA settings.

TECHNICAL MANAGEMENT REPORTS

1. **Ferguson, M. D.**, Rodrigues, K.*, Ferguson, L. A., & Barcelona, R. (2022). *Assessing Outdoor Recreation Visitor Behaviors, Decision-Making, and Health Outcomes in College Woods: Final Report*. Submitted to Department of Health Management and Policy, Durham, New Hampshire.
2. **Ferguson, M. D.**, Caraynoff, A.*, Ferguson, L. A., & Barcelona, R. (2022). *Informing Visitor Use Management and Outfitter Guide Permitting in the Lye Brook Wilderness of the Green Mountain & Finger Lakes National Forests: Final Report*. Submitted to USDA Forest Service Green Mountain National Forest, Manchester, Vermont.
3. **Ferguson, M. D.**, Giles, G.*, Ferguson, L. A., & Barcelona, R. (2021). *Assessing Outdoor Recreation Visitor Behaviors and Decision-Making in the White Mountain National Forest: Final Report*. Submitted to USDA Forest Service White Mountain National Forest, Campton, New Hampshire.
4. Graefe, A. R., & **Ferguson, M. D.** (2021). *A Carrying Capacity Analysis for Presque Isle State Park: Final Report*. Submitted to Pennsylvania Bureau of State Parks and Pennsylvania Sea Grant, Erie, Pennsylvania.
5. **Ferguson, M. D.**, Ferguson, L. A., Mitchell, C. R., & Dooley, T. L.* (2020). *Assessing Recreationists' Perceptions of Offshore Wind Energy Development in New Hampshire*. Submitted to New Hampshire Sea Grant, Durham, New Hampshire.
6. Miller, Z. D., Newman, P., **Ferguson, M. D.**, Taff, B. D., & Ferguson L. A. (2019). *Informing Marcellus Shale Natural Gas Energy Development Compressor Station Sound Thresholds Upon Recreationists in Pennsylvania State Forests*. Submitted to Pennsylvania Department of Conservation and Natural Resources, Harrisburg, Pennsylvania.
7. Graefe, A. R., **Ferguson, M. D.**, Mowen, A. J., & Dorata, E.* (2018). *Assessing the Economic Impact and Significance of Recreational Fishing on Lake Erie Waters*. Submitted to Pennsylvania Sea Grant, Erie, Pennsylvania.

UNIVERSITY OF NEW HAMPSHIRE

THE PENNSYLVANIA STATE UNIVERSITY

8. Mowen, A. J., Graefe, A. R., & **Ferguson, M. D.** (2017). *Pennsylvania State Parks Visitor Use Monitoring (VUM) Study – Year 5 Survey Results*. Submitted to Pennsylvania Department of Conservation and Natural Resources, Harrisburg, Pennsylvania.
9. Mowen, A. J., Graefe, A. R., & **Ferguson, M. D.** (2017). *Pennsylvania State Parks Visitor Use Monitoring (VUM) Study – Year 4 Survey Results*. Submitted to Pennsylvania Department of Conservation and Natural Resources, Harrisburg, Pennsylvania.
10. Mowen, A. J., Graefe, A. R., & **Ferguson, M. D.** (2016). *Assessing the Effects of Water Levels and Water Quality on Water-Based Outdoor Recreationists in Pennsylvania*. Submitted to Pennsylvania Sea Grant, Erie, Pennsylvania.

11. Mowen, A. J., Graefe, A. R., & **Ferguson, M. D.** (2016). *Pennsylvania State Parks Visitor Use Monitoring (VUM) Study – Year 3 Survey Results*. Submitted to Pennsylvania Department of Conservation and Natural Resources, Harrisburg, Pennsylvania.
12. Graefe, A. R., Mowen, A. J., **Ferguson, M. D.**, & Blair, J. (2015). *Appalachian National Scenic Trail Hiker Perspectives of Power Lines and Energy Development Study*. Submitted to Pennsylvania Department of Conservation and Natural Resources, Harrisburg, Pennsylvania.
13. Mowen, A. J., Graefe, A. R., & **Ferguson, M. D.** (2015). *Ohiopyle State Park Boating Capacity Study*. Submitted to Pennsylvania Department of Conservation and Natural Resources, Harrisburg, Pennsylvania.
14. Mowen, A. J., Graefe, A. R., **Ferguson, M. D.**, Barrett, A. G. (2014). *Pennsylvania State Parks Visitor Use Monitoring (VUM) Study – Year 2 Survey Results*. Submitted to Pennsylvania Department of Conservation and Natural Resources, Harrisburg, Pennsylvania.
15. Mowen, A. J., Graefe, A. R., Kerstetter, D. L., & **Ferguson, M. D.** (2013). *2012-2013 Presque Isle State Park Visitor Survey: Final Report*. Submitted to Pennsylvania Department of Conservation and Natural Resources, Harrisburg, Pennsylvania.
16. Mowen, A. J., Graefe, A. R., & **Ferguson, M. D.** (2013). *Pennsylvania State Parks Visitor Use Monitoring (VUM) Study – Year 1 Survey Results*. Submitted to Pennsylvania Department of Conservation and Natural Resources, Harrisburg, Pennsylvania.

THE PENNSYLVANIA STATE UNIVERSITY

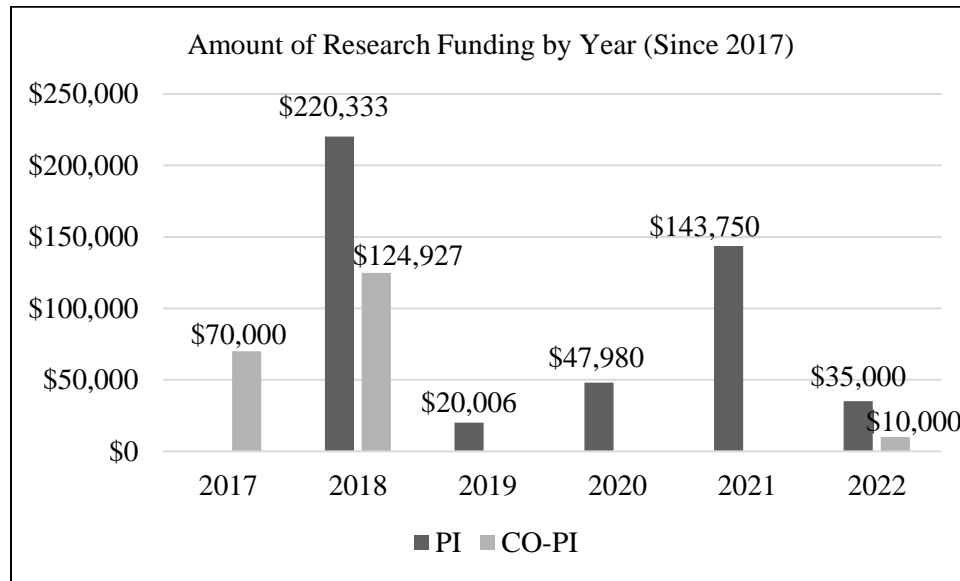
WEST VIRGINIA UNIVERSITY

17. Burns, R. C., Absher, J., & **Ferguson, M. D.** (2012). *Recreation at the Timberline Lodge Recreation Complex: An Examination of User Characteristics, Behaviors, and Attitudes*. Submitted to USDA Forest Service, Region 6, Portland, Oregon.
18. Burns, R. C., Smaldone, D. S., Absher, J., & **Ferguson, M. D.** (2011). *An Evaluation of Wilderness Use for the Stanislaus National Forest*. Submitted to USDA Forest Service, Region 5, Vallejo, California.
19. Burns, R. C., Smaldone, D. S., Absher, J., & **Ferguson, M. D.** (2010). *An Evaluation of Wilderness Use for the Klamath National Forest*. Submitted to USDA Forest Service, Region 5, Vallejo, California.
20. Burns, R. C., Smaldone, D. S., Absher, J., & **Ferguson, M. D.** (2010). *An Evaluation of River Use Patterns for the Klamath Wild and Scenic River*. Submitted to USDA Forest Service, Region 5, Vallejo, California.

RESEARCH FUNDING (OVERVIEW)

Amount of Research Funding by Year (Since 2017)

TOTAL AS PI:	\$467,069
TOTAL AS CO-PI	\$204,927
GRAND TOTAL	\$671,996



RESEARCH FUNDING (PRINCIPAL OR CO-PRINCIPAL INVESTGATOR)

1. **Ferguson, M. D.,** Ferguson, L. A., & Barcelona, R. (2022-2024). *Proactively Assessing Green Mountain National Forest Visitors’ Attitudes, Perceptions, Behaviors, Decision-Making, and Management Preferences*. Role: PI. Amount: \$35,000. USDA Forest Service- Green Mountain National Forest.
2. Mancus, G., Ferguson, L. A., **Ferguson, M. D.** (2022-2023). *A View of the Woods: A Cross-over Study Examining the Influence of Simulated versus Actual Immersion in Parks and Protected Areas on Mental and Physical Measures of Wellbeing*. Role: Co-PI. Amount: \$10,000. CHHS Research Support Initiative.
3. **Ferguson, M. D.,** Frye, M., Barcelona, R., & Ferguson, L. A. (2021-2023). *New Hampshire Statewide Comprehensive Outdoor Recreation Plan*. Role: PI. Amount: \$123,750. New Hampshire DNCR - Division of Parks and Recreation.
4. **Ferguson, M. D.,** Ferguson, L. A., & Barcelona, R. (2021-2023). *Informing Outdoor Recreation and Tourism Visitors’ Perceptions, Behaviors, and Decision-Making at the Great Bay National Estuarine Research Reserve*. Role: PI. Amount: \$20,000. National Oceanic and Atmospheric Administration.

5. **Ferguson, M. D.**, Ferguson, L. A., & Barcelona, R. (2020-2022). *Assessing Visitor Use Management in the Lye Brook Wilderness Area of the Green Mountain National Forest*. Role: PI. Amount: \$20,000. USDA Forest Service- Green Mountain National Forest. [Media coverage](#).
6. **Ferguson, M. D.**, Ferguson, L. A., & Barcelona, R. (2020-2022). *Assessing Outdoor Recreation Visitor Behaviors, Decision-Making, and Health Outcomes in College Woods*. Role: PI. Amount: \$27,980. UNH Institute for Health Policy and Practice. [Media coverage](#).
7. **Ferguson, M. D.**, Ferguson, L. A., & Barcelona, R. (2019-2021). *Informing Visitor Use Management and Displacement on the White Mountain National Forest*. Role: PI. Amount: \$20,006. USDA Forest Service- White Mountain National Forest. [Media coverage 1](#), [Media coverage 2](#).
8. **Ferguson, M. D.**, Ferguson, L. A., & Barcelona, R. (2018-2020). *National Visitor Use Monitoring Program-White Mountain National Forest*. Role: PI. Amount: \$100,001. USDA Forest Service- White Mountain National Forest. [Media coverage 1](#), [Media coverage 2](#), [Media coverage 3](#), [Media Coverage 4](#), [Media coverage 5](#), [Media coverage 6](#), [Media coverage 7](#).
9. **Ferguson, M. D.**, Ferguson, L. A., & Barcelona, R. (2018-2020). *National Visitor Use Monitoring Program-Green Mountain and Finger Lakes National Forests*. Role: PI. Amount: \$112,832. USDA Forest Service- Green Mountain and Finger Lakes National Forests.
10. **Ferguson, M. D.**, Mitchell, C., & Ferguson, L. A. (2018-2020). *Assessing Recreationists' Perceptions of Offshore Wind Energy Development in New Hampshire*. Role: PI. Amount: \$7,500. New Hampshire Sea Grant. [Media coverage 1](#), [Media coverage 2](#).
11. Graefe, A. R., & **Ferguson, M. D.** (2018-2020). *A Carrying Capacity Analysis for Presque Isle State Park*. Role: Co-PI. Amount: \$124,927. Pennsylvania Sea Grant.
12. Newman, P., & **Ferguson, M. D.** (2017-2019). *Informing Marcellus Shale Natural Gas Compressor Station Sound Thresholds with State Forest Visitors*. Role: Co-PI. Amount: \$70,000. Pennsylvania Department of Conservation and Natural Resources. [Media coverage](#).

RESEARCH FUNDING (PROJECT TEAM MEMBER OR PROJECT MANAGER)

1. Burns, R. C., Andrews, R., Pickney, H., Stein, T., & **Ferguson, M. D.** (2021-2023). *NSF Convergence Accelerator Track E: Data Interfacing of Human Use, Culture, Economics, and Environment within the Blue Economy for Underserved Populations*. Role: Project Team Member. Amount: \$695,000. National Science Foundation.
2. Rodgers, S., Brewer, C., Seaman, J., & **Ferguson, M. D.** (2021-2023). *University of New Hampshire Nature Economy Interagency Working Group*. Role: Project Team Member. Amount: \$25,000. UNH Collaborative Research Excellence (CoRE) Initiative.

UNIVERSITY OF NEW HAMPSHIRE
THE PENNSYLVANIA STATE UNIVERSITY

3. Newman, P., Taff, B. D., & **Ferguson, M. D.** (2017-2018). *Informing Visitor Use Management in Jimmy Carter National Historic Site*. Role: Project Manager. Amount: \$44,556. National Park Service.
4. Graefe, A. R., Mowen, A. J., & **Ferguson, M. D.** (2016-2018). *Assessing the Economic Impact & Significance of Recreational Fishing on Lake Erie*. Role: Project Manager. Amount: \$124,000. Pennsylvania Sea Grant.
5. Mowen, A. J., Graefe, A. R., & **Ferguson, M. D.** (2014-2016). *Assessing the Effects of Ecological Conditions and Energy Development on Water-Based Outdoor Recreationists in Pennsylvania*. Role: Project Manager. Amount: \$30,000. Pennsylvania Sea Grant. [Media coverage 1](#), [Media coverage 2](#), [Media coverage 3](#), [Media coverage 4](#), [Media coverage 5](#), [Media coverage 6](#).
6. Graefe, A. R., Mowen, A. J., & **Ferguson, M. D.** (2012-2014). *Appalachian National Scenic Trail Hikers Perceptions of Energy and Communication Related Development*. Role: Project Manager. Amount: \$50,000. National Park Service.
7. Mowen, A. J., Graefe, A. R., & **Ferguson, M. D.** (2012-2014). *A Whitewater Boating Carrying Capacity Analysis for Ohiopyle State Park*. Role: Project Manager. Amount: \$60,000. Pennsylvania Department of Conservation and Natural Resources.
8. Mowen, A. J., Graefe, A. R., & **Ferguson, M. D.** (2012-2014). *Presque Isle State Park Visitor Survey*. Role: Project Co-Manager. Amount: \$70,000. Pennsylvania Sea Grant & Pennsylvania Department of Conservation and Natural Resources.
9. Graefe, A. R., Mowen, A. J., & **Ferguson, M. D.** (2012-2016). *Pennsylvania State Parks and Forests – Visitor Use Monitoring Study*. Role: Project Manager. Amount: \$875,000. Pennsylvania Department of Conservation and Natural Resources.

THE PENNSYLVANIA STATE UNIVERSITY

WEST VIRGINIA UNIVERSITY

10. Burns, R. C., & **Ferguson, M. D.** (2010-2012). *National Visitor Use Monitoring Program-Region 6*. Role: Project Manager. Amount: \$840,000. USDA Forest Service.
11. Burns, R. C., & **Ferguson, M. D.** (2011-2012). *Social Carrying Capacity on the Black Hills National Forest*. Role: Project Manager. Amount: \$25,000. USDA Forest Service.
12. Burns, R. C., & **Ferguson, M. D.** (2011-2012). *An Examination of Users at the Timberline Lodge and Recreation Complex*. Role: Project Manager. Amount: \$20,000. USDA Forest Service.
13. Burns, R. C., & **Ferguson, M. D.** (2011-2012). *An Assessment of OHV Users at the Oregon Dunes National Recreation Area*. Role: Project Manager. Amount: \$20,000. USDA Forest Service.

14. Burns, R. C., & **Ferguson, M. D.** (2011-2012). *An Examination of Users at the Mount St. Helens National Volcanic Monument*. Role: Project Manager. Amount: \$20,000. USDA Forest Service.
15. Burns, R. C., & **Ferguson, M. D.** (2010-2011). *Social Carrying Capacity on the White River National Forest*. Role: Project Manager. Amount: \$20,000. USDA Forest Service.
16. Burns, R. C., Smaldone, D., & **Ferguson, M. D.** (2010-2011). *An Evaluation of Wilderness Use on the Klamath and Stanislaus National Forests*. Role: Project Manager. Amount: \$114,000. USDA Forest Service.
17. Burns, R. C., Smaldone, D., & **Ferguson, M. D.** (2010-2011). *An Evaluation of River Use Patterns on the Klamath Wild and Scenic River*. Role: Project Manager. Amount: \$20,000. USDA Forest Service.

REFEREED RESEARCH PRESENTATIONS

1. Bidwell, D., Firestone, J., **Ferguson, M. D.** (September 21, 2022). *Love thy neighbor (or not): Regionalism and support for the use of offshore wind energy by others*. Presented at the NAWEA/WindTech Conference, Newark, DE.
2. **Ferguson, M. D.**, Giles, G. *, Ferguson, L. A., Barcelona, R., Evensen, D., & Barrows, C*. (November 1, 2021). *A Social-Ecological Approach to Managing Outdoor Recreation Visitation on the White Mountain National Forest*. Presented at the National Outdoor Recreation Conference, Virtual.
3. Smythe, T., Bidwell, D., **Ferguson, M. D.**, Bingaman, S. *, Russell, A., Gonyo, S., Freitag, A., Fleming, C., Goedeke, T., Firestone, J., Evensen, D., Ferguson, L. A., Dooley, T. L. *, & Mitchell, C. (June 29, 2021). *The Western Wind Frontier: Lessons Learned to Date from the Transition to Offshore Wind Energy in the United States*. Panel Presentation at the Center for Maritime Research MARE Conference, Virtual.
4. **Ferguson, M. D.**, Evensen, D., Ferguson, L. A., Bidwell, D., Firestone, J., Dooley, T. L. *, & Mitchell, C. R. (June 23, 2021). *Coastal Recreation Impacts, Coping Behaviors, and Attitudes towards Offshore Wind Energy Development in the United States*. Presented at the International Association for the Society of Natural Resources Conference, Virtual.
5. **Ferguson, M. D.**, Giles, G. *, Ferguson, L. A., Barcelona, R., Evensen, D., & Barrows, C*. (June 22, 2021). *Assessing Outdoor Recreation Visitor Behaviors and Decision-Making in Parks and Protected Areas: A Social-Ecological Systems Perspective*. Presented at the International Association for the Society of Natural Resources Conference, Virtual.
6. **Ferguson, M. D.**, Evensen, D., Ferguson, L. A., Bidwell, D., Firestone, J., Dooley, T. L. *, & Mitchell, C. R. (January 28, 2021). *Uncharted Waters: Coastal Recreationists' Perceived Impacts, Coping Behaviors, and General Attitudes Towards Offshore Wind Energy Development*. Presented at the New Hampshire Sea Grant 2021 Research Symposium, Durham, NH.
7. **Ferguson, M. D.**, Lynch, M. L. *, Powers, S. L. *, Barrett, A. B., Evensen, D., Graefe, A. R., & Mowen, A. J. (April 8, 2019). *The Impacts of Shale Natural Gas Energy Development on Outdoor Recreation: A Statewide Assessment of Pennsylvanians*. Presented at the meeting of the

31st annual National Environment and Recreation Research Symposium (NERR), Annapolis, MD.

8. Gage, R., **Ferguson, M. D.**, Ferguson, L. A., Murray, A., & Pitas, N. (April 9, 2019). *Navigating the Transition from Graduate Student to Professional in Today's Recreation and Tourism Field*. Presented at the meeting of the 31st annual National Environment and Recreation Research Symposium (NERR), Annapolis, MD.
9. **Ferguson, M. D.**, Graefe, A. R., & Mowen, A. J. (June 19, 2018). *Assessing the Economic Contributions of the Recreational Angling Industry: A Case Study of the Lake Erie Fishery*. Presented at the meeting of the 24th annual International Symposium on Society and Resource Management (ISSRM), Salt Lake City, UT.
10. **Ferguson, M. D.**, Powers, S. L.*, Trauntvein, N., Jacquet, J. B., Graefe, A. R., & Mowen, A. J. (June 18, 2018). *Assessing Support and Opposition for Potential Offshore Wind Energy Development in the Great Lakes*. Presented at the meeting of the 24th annual International Symposium on Society and Resource Management (ISSRM), Salt Lake City, UT.
11. **Ferguson, M. D.**, Graefe, A. R., & Mowen, A. J. (April 23, 2018). *Assessing the Outdoor Recreation Economy - A Case Study of Lake Erie Anglers*. Presented at the meeting of the 38th annual Society of Outdoor Recreation Professionals (SORP), Burlington, VT.
12. **Ferguson, M. D.**, Powers, S. L.*, Trauntvein, N., Jacquet, J. B., Graefe, A. R., & Mowen, A. J. (April 24, 2018). *Winds of Change- Predicting Water-Based Recreationists Support and Opposition for Proposed Offshore Wind Energy Development in the Great Lakes*. Presented at the meeting of the 38th annual Society of Outdoor Recreation Professionals (SORP), Burlington, VT.
13. **Ferguson, M. D.**, Graefe, A. R., & Mowen, A. J. (April 9, 2018). *The Economics of Recreational Angling-Assessing the Impact and Significance of the Lake Erie Fishery*. Presented at the meeting of the 30th annual National Environment and Recreation Research Symposium (NERR), Annapolis, MD.
14. **Ferguson, M. D.**, Powers, S. L.*, Trauntvein, N., Jacquet, J. B., Graefe, A. R., & Mowen, A. J. (April 10, 2018). *Predicting Support and Opposition for Proposed Offshore Wind Energy Development in the Great Lakes*. Presented at the meeting of the 30th annual National Environment and Recreation Research Symposium (NERR), Annapolis, MD.
15. **Ferguson, M. D.**, Graefe, A. R., & Mowen, A. J. (November 9, 2017). *Assessing the Economic Impact and Significance of Recreational Fishing on Lake Erie Waters*. Presented at the meeting of the 13th annual Regional Science Consortium, Erie, PA.

UNIVERSITY OF NEW HAMPSHIRE
THE PENNSYLVANIA STATE UNIVERSITY

16. Blair, J., Graefe, A. R., **Ferguson, M. D.**, & Mowen, A. J. (June 20, 2017). *Hikers' Perceptions of Encountered Energy and Communications Related Infrastructure along the Appalachian Trail*. Presented at the meeting of the 23rd annual International Symposium on Society and Resource Management (ISSRM), Umea, Sweden.

17. **Ferguson, M. D.**, Graefe, A. R., & Mowen, A. J. (April 3, 2017). *Political Ideologies and Recreationists' Perceptions of Offshore Wind Energy Development in the Great Lakes*. Presented at the meeting of the 19th annual George Wright Society Conference, Norfolk, VA.
18. Blair, J., Graefe, A. R., **Ferguson, M. D.**, & Mowen, A. J. (April 4, 2017). *Understanding the Effect of Energy and Communication Related Infrastructure Development on Hiker Satisfaction*. Presented at the meeting of the 29th annual Northeastern Recreation Research Symposium (NERR), Annapolis, MD.
19. **Ferguson, M. D.**, Graefe, A. R., & Mowen, A. J. (November 3, 2016). *Water-Based Outdoor Recreation Users' Attitudes towards Potential Offshore Wind Energy Development in the Great Lakes*. Presented at the meeting of the 12th annual Regional Science Consortium, Erie, PA.
20. Graefe, A. R., Blair, J., **Ferguson, M. D.**, & Mowen, A. J. (September 27, 2016). *Using Photo Elicitation to understand Hiker Perceptions of Energy and Communication Related Development along the Appalachian National Scenic Trail*. Presented at the meeting of the 8th annual Monitoring and Management of Visitors in Recreational and Protected Areas Conference, Novi Sad, Serbia.
21. **Ferguson, M. D.**, Mowen, A. J., & Graefe, A. R. (April 4, 2016). *Global Climate Change and Water-Based Outdoor Recreation- The Effects of Water Quality on Coping*. Presented at the meeting of the 28th annual Northeastern Recreation Research Symposium (NERR), Annapolis, MD.
22. Cermak, T. J., **Ferguson, M. D.**, Mowen, A. J., Graefe, A. R., Graefe, D. A., & Kerstetter, D. L. (November 20, 2015). *The Presque Isle Visitor Survey: A systematic approach to determine recreational user demographics, tendencies, preferences, satisfaction and the economic impact of Presque Isle State Park in Erie, Pennsylvania*. Presented at the meeting of the 26th annual International Congress on Coastal and Marine Tourism, Kailua-Kona, HI.
23. **Ferguson, M. D.**, Mowen, A. J., & Graefe, A. R. (November 6, 2015). *Lake Erie Water-Based Outdoor Recreation Users Opinions towards Environmental Conditions*. Presented at the meeting of the 11th annual Regional Science Consortium, Erie, PA.
24. **Ferguson, M. D.**, Graefe, A. R., Mowen, A. J., & Blair, J. (April 6, 2015). *Appalachian Trail Users Opinions towards Energy and Communications Related Development*. Presented at the meeting of the 27th annual Northeastern Recreation Research Symposium (NERR), Annapolis, MD.
25. **Ferguson, M. D.**, Mowen, A. J., & Graefe, A. R. (November 7, 2014). *A Segmentation Analysis of Presque Isle State Park's Water-Based Outdoor Recreation Users*. Presented at the meeting of the 10th annual Regional Science Consortium, Erie, PA.
26. Graefe, A. R., Mowen, A. J., & **Ferguson, M. D.** (April 7, 2014). *Impacts of Energy and Communications Related Development on Protected Areas: A Literature Review*. Presented at the meeting of the 26th annual Northeastern Recreation Research Symposium (NERR), Cooperstown, NY.

27. **Ferguson, M. D.**, & Murray, A. K. (April 8, 2014). *Outcomes of Engaged Scholarship and Outdoor Education in an Outdoor Recreation Setting*. Presented at the meeting of the 26th Northeastern Recreation Research Symposium (NERR), Cooperstown, NY.
28. Mowen, A. J., Graefe, A. R., **Ferguson M. D.**, Graefe, D., & Olcott, D. K. (June 6, 2013). *Craft Breweries and Beer Enthusiasts: An Emerging Trend with Implications for Outdoor Recreation*. Presented at the meeting of the 19th annual International Symposium on Society and Resource Management (ISSRM), Estes Park, CO.
29. **Ferguson, M. D.**, Luloff, A. E., & Ellmendorf, W. (June 7, 2013). *Understanding Home and Sense of Place Among Displaced Mobile Home Park Residents*. Presented at the meeting of the 19th annual International Symposium on Society and Resource Management (ISSRM), Estes Park, CO.
30. **Ferguson, M. D.**, Luloff, A. E., & Ellmendorf, W. (June 7, 2013). *Understanding Home and Sense of Place Among Displaced Mobile Home Park Residents*. Presented at the meeting of the 19th annual International Symposium on Society and Resource Management (ISSRM), Estes Park, CO.
31. **Ferguson, M. D.**, Mowen, A. J., & Graefe, A. R. (May 2013). *A Comparison of Pennsylvania Outdoor Recreationists Across Federal, State, County, Local, and Private Sectors*. Presented at the meeting of the 33rd annual Society of Outdoor Recreation Professionals (SORP), Traverse City, MI.
32. Mowen, A. J., Graefe, A. R., & **Ferguson, M. D.**, Murray, A., Graefe, D., & Olcott, D. K. (April 23, 2013). *Craft Breweries and Beer Enthusiasts: An Emerging Trend with Implications for Outdoor Recreation*. Roundtable discussion presented at the meeting of the 25th annual Northeastern Recreation Research Symposium (NERR), Cooperstown, NY.

THE PENNSYLVANIA STATE UNIVERSITY
WEST VIRGINIA UNIVERSITY

33. **Ferguson, M. D.** (April 12, 2012). *A study of the Timberline Lodge Recreation Complex: Using Social Science Data in Cross-Activity Management*. Presented at the meeting of the 32nd annual National Association of Recreation Resource Planners (NARRP), Baton Rouge, LA.
34. **Ferguson, M. D.** (April 8, 2012). *An Assessment of Customer Satisfaction and Market Segmentation at the Timberline Lodge Recreation Complex*. Presented at the meeting of the 24th annual Northeastern Recreation Research Symposium (NERR), Cooperstown, NY.

REFEREED RESEARCH POSTERS

1. **Ferguson, M. D.**, Caraynoff, A.*, Ferguson, L. A., Barcelona, R., & Evensen, D. (April 11, 2022). *Weather They Return: Exploring Outfitter Guides Thresholds and Outdoor Recreation Behaviors, Decision-Making, and Intention-To-Return in Federally Designated Wilderness*. Poster presented at the University of New Hampshire Graduate Research Conference, Durham, NH.
2. **Ferguson, M. D.**, Rodrigues, K.*, Ferguson, L. A., Caraynoff, A.*, Barcelona, R., & Evensen, D. (April 11, 2022). *A Walk in the Woods: Exploring Recreation Health Outcomes, Behaviors, and Visitor Use Management in Parks and Protected Areas*. Poster presented at the University of New Hampshire Graduate Research Conference, Durham, NH.
3. **Ferguson, M. D.**, Caraynoff, A.*, Ferguson, L. A., Barcelona, R., & Evensen, D. (March 4, 2022). *A Social-Ecological Approach to Managing Outdoor Recreation Visitation in Federally Designated Wilderness*. Poster presented at the University of New Hampshire Graduate Research Conference, Durham, NH.
4. **Ferguson, M. D.**, Rodrigues, K.*, Ferguson, L. A., Caraynoff, A.*, Barcelona, R., & Evensen, D. (March 4, 2022). *A Social-Ecological Approach to Managing Health Outcomes in Parks and Protected Areas*. Poster presented at the University of New Hampshire College of Health and Human Services Research Conference, Durham, NH.
5. Dorata, E.*, Barcelona, B., Trauntvein, N., & **Ferguson, M. D.** (April 23, 2018). *Repositioning of Perceived Benefits*. Poster presented at the meeting of the 38th annual Society of Outdoor Recreation Professionals (SORP), Burlington, VT.

UNIVERSITY OF NEW HAMPSHIRE

THE PENNSYLVANIA STATE UNIVERSITY

6. **Ferguson, M. D.**, Olcott, D. K., Engle, E., Haney, J., Wood, K., & Osborn, E. (June 7, 2013). *Defining the "C" in CSA: A Study of Local Food Community in Central Pennsylvania*. Poster presented at the meeting of the 19th annual International Symposium on Society and Resource Management (ISSRM), Estes Park, CO.

THE PENNSYLVANIA STATE UNIVERSITY

WEST VIRGINIA UNIVERSITY

7. **Ferguson, M. D.**, Burns, R. C., Smaldone, D. S., & Absher, J. D. (April 9, 2011). *River Users' Motivations and Perceptions of Crowding, Conflict, and Trip Experience*. Poster presented at the meeting of the 15th Annual Davis College Graduate Student Conference, Morgantown, WV.
8. **Ferguson, M. D.**, Burns, R. C., Smaldone, D. S., & Absher, J. D. (May 8, 2011). *Conflict and Satisfaction of Klamath River Users*. Poster presented at the meeting of 31st annual National Association of Recreation Resource Planners (NARRP), Breckenridge, CO.
9. **Ferguson, M. D.**, Burns, R. C., Smaldone, D. S., & Absher, J. D. (April 7, 2011). *A Segmentation Study of Klamath River Users*. Poster presented at the meeting of the 23rd annual Northeastern Recreation Research Symposium (NERR), Bolton Landing, NY.

INVITED PRESENTATIONS

1. **Ferguson, M.D.** Ferguson, L. A., & Frye, M. (July 26, 2022). *A Landscape-Level Approach to Managing New Hampshire Outdoor Recreation*. Presented to the Shared Public Lands Committee, Pinkham's Notch Visitors Center, NH.
2. **Ferguson, M. D.** (May 24, 2022). *The Sustainable Management of Outdoor Recreation Visitation*. Presented to the Northeast-Midwest State Foresters Alliance: Forest Resource Planning Committee Team, Waterville Valley, NH.
3. **Ferguson, M. D.,** Ferguson, L. A., & Barcelona, R. (January 28, 2022). *The Nuts and Bolts of Landscape Level Visitor Use Management, Managed Access, and Carrying Capacity Research on the White Mountain National Forest*. Presented to the White Mountain National Forest- Forest Leadership Team, Campton, NH.
4. **Ferguson, M. D.,** Ferguson, L. A., & Barcelona, R. (January 22, 2022). *A Social-Ecological Systems Approach to Managed Access, Visitor Use, and Carrying Capacity Research on the White Mountain National Forest*. Presented to the White Mountain National Forest- Forest Leadership Team, Campton, NH.
5. **Ferguson, M. D.,** Ferguson, L. A., & Barcelona, R. (December 9, 2021). *Long Term Parks and Protected Areas Management: The UNH ARRC Lab New England Research Portfolio*. Presented to the Northern Border Regional Commission, Durham, NH.
6. **Ferguson, M. D.,** Giles, G.* , Ferguson, L. A., & Barcelona, R. (October 29, 2021). *Assessing White Mountain National Forest Visitor Decision-Making and Preferences towards Management Objective and Alternative Transportation Systems*. Presented to the USDA Forest Service White Mountain National Forest and NH DNCR Division of Parks and Recreation, Alternative Transportation Team, Campton, NH.
7. **Ferguson, M. D. &** Graefe, A. G. (June 29, 2021). *A Parks and Protected Areas Carrying Capacity Analysis for Presque Isle State Park*. Presented to Pennsylvania Sea Grant and Pennsylvania Department of Conservation and Natural Resources- Bureau of State Parks, Erie, PA.
8. **Ferguson, M. D. &** Giles, G.* (June 28, 2021). *Assessing Outdoor Recreation Visitor Behaviors and Decision-Making in the White Mountain National Forest*. Presented to the USDA Forest Service White Mountain National Forest, Forest Leadership Team, Campton, NH.
9. **Ferguson, M. D.** (March 9, 2021). *The Sustainable and Systematic Management of Parks and Protected Areas*. Presented to the Durham Land Stewardship Council, Durham, NH.
10. **Ferguson, M. D,** Mitchell, C. A., & Dooley, T. L.* (March 5, 2020). *Gulf of Maine Offshore Renewable Energy: Federal and State Perspectives and Lessons Learned*. Presented as a panelist to the Bureau of Ocean Energy Management, Durham, NH.
11. **Ferguson, M. D.** (November 19, 2019). *Recreationists' Perceptions of Offshore Wind Energy Development in New Hampshire*. Presented at NH House Science and Technology Committee, Durham, NH.

12. **Ferguson, M. D.** (September 11, 2019). *Pennsylvania Sea Grant Panel- Research Overview*. Presented at Pennsylvania Sea Grant Research Gathering, Erie, PA.
13. **Ferguson, M. D.** (April 24, 2019). *An Overview of Outdoor Recreation and Energy Development in the United States*. Presented at Fort Hays State University to SOC 140: Understand Society, Hays, KS.
14. **Ferguson, M. D.,** & Ferguson L. A. (October 30, 2018). *Get Outside and Play: How Healthy Parks Create Healthy People*. Presented at the meeting of the 2018 HOSA Fall Leadership Conference, Hanover, NH.

UNIVERSITY OF NEW HAMPSHIRE
THE PENNSYLVANIA STATE UNIVERSITY

15. Mowen, A. J., Graefe, A. R., & **Ferguson, M. D.** (March 12, 2016). *The Pennsylvania State Forest and Park Visitor Use Monitoring (VUM) Project: State Parks- Year 1 to Year 3 Summary*. Presented at the meeting of the Pennsylvania Department of Conservation and Natural Resources- State Parks Managers Meeting, State College, PA.
16. Mowen, A. J., Graefe, A. R., **Ferguson, M. D.,** & Barrett, A.G. (September 18, 2015). *Ohiopyle State Park: Middle Youghiogheny River Capacity Study Key Findings and Recommendations*. Presented at the meeting of Ohioopyle State Park and Pennsylvania Department of Conservation and Natural Resources, Ohioopyle, PA.
17. Cermak, T. J., **Ferguson, M. D.,** Mowen, A. J., Graefe, A. R., Graefe, D. A., & Kerstetter, D. L. (June 9, 2015). *The Presque Isle Visitor Survey: A systematic approach to determine recreational user demographics, tendencies, preferences, satisfaction and the economic impact of Presque Isle State Park in Erie, Pennsylvania*. Presented at the meeting of the Erie County Association of Municipal Administrators, Erie, PA.
18. Graefe, A. R., Mowen, A. J., **Ferguson, M. D.,** & Blair, J. (March 11, 2015). *Appalachian National Scenic Trail Hiker Perspectives of Power Lines and Energy Development*. Presented at the meeting of the Mid-Atlantic Regional Partnership, Bowmanstown, PA.
19. Mowen, A. J., Graefe, A. R., Elmendorf, W., & **Ferguson, M. D.** (January 18, 2014). *Statewide Comprehensive Outdoor Recreation Plan: Update and Progress Report*. Presented at the meeting of the Technical Advisory Committee (TAC), Harrisburg, PA.
20. Mowen, A. J., Graefe, A. R., **Ferguson, M. D.,** Olcott, D. K., & Graefe, D.A (May 12, 2013). *The State Forest and Park Visitor Use Monitoring Project: Update and Progress Report*. Presented at the meeting of the Recreation Advisory Committee (RAC), Waterville, PA.

THE PENNSYLVANIA STATE UNIVERSITY
WEST VIRGINIA UNIVERSITY

21. **Ferguson, M. D.,** Burns, R.C., & Highsmith, J. L. (July 21, 2012). *Parks and Protected Areas of the United States*. Presented at the meeting of the European Region Action Scheme for the Mobility of University Students (ERASMUS), Hannover, Germany.

22. **Ferguson, M. D.**, Burns, R. C., & McNeel, J. F. (May 18, 2012). *Formalizing International Natural Resource Learning: A Transatlantic Approach to Sustainable Education, Research, and Management*. Presented at the meeting of the Project Directors for International Science and Education (PDISE), Washington, D.C.

GRADUATE STUDENTS (M.S. & Ph.D.)

- 2022-2027 Ms. Maddie Smith, Ph.D. in Natural Resources & Earth Systems Science
Dissertation Advisor and Committee Chair, *An Inter-Organizational Approach to Statewide Outdoor Recreation Management in New Hampshire*
- 2022-2027 Mr. Andrew Butler, Ph.D. in Natural Resources & Earth Systems Science
Dissertation Committee Member, *Ecology and management of furbearers in New Hampshire*.
- 2022-2024 Mr. Ridgley Ward, M.S. in Recreation Management and Policy
Thesis Advisor and Committee Chair, *Proactively Assessing Outdoor Recreation Visitors' Attitudes, Perceptions, Behaviors, Decision-Making, and Management Preferences*
- 2021-2023 Mr. Thomas Robinson, M.S. in Recreation Management and Policy
Thesis Advisor and Committee Chair, *Rising Tides: A Social-Ecological Approach to Evaluating Ecosystem Services and Visitor Use Management in the Great Bay Estuary and Reserve*.
- 2020-2022 Mr. Alex Caraynoff, M.S. in Recreation Management and Policy
Thesis Advisor and Committee Chair, *Weather They Return: Modeling Outdoor Recreation Behaviors, Decision-Making, and Intention-To-Return in Federally Designated Wilderness*.
- 2019-2022 Mrs. Krista Rodrigues, M.S. in Recreation Management and Policy
Research Project Advisor and Committee Chair, *A Walk in the Woods: Examining Outdoor Recreation Health Outcomes, Behaviors, and Visitor Use Management in Parks and Protected Areas*.
- 2019-2021 Ms. Georgia Giles, M.S. in Recreation Management and Policy
Thesis Advisor and Committee Chair, *Seeing the Forest for the Trees: A Social-Ecological Systems Approach to Managing Outdoor Recreation Visitation in Parks and Protected Areas*.
- 2018-2021 Mr. Kyle McIntosh, M.S. in Recreation Management and Policy
Research Project Advisor and Committee Chair, *The Outdoor Renaissance: Assessing the Impact of the COVID-19 Pandemic upon Outdoor Recreation Visitation, Behaviors, and Decision-Making in New England's National Forests*.
- 2018-2020 Mrs. Tasha Dooley, M.S. in Recreation Management and Policy
Research Project Advisor and Committee Chair, *Uncharted waters: Exploring coastal recreation impacts, coping behaviors, and attitudes towards offshore wind energy development in the United States*.

DEPARTMENTAL SERVICE

2022-Present Chair/Coordinator, Recreation Management and Policy Graduate Program, UNH
2021-Present Chair/Coordinator, Outdoor Leadership and Management Marketing Committee, UNH
2018-Present Chair/Coordinator, RMP Outdoor Recreation Management Minor, UNH
2018-2022 Chair/Coordinator, Recreation Management and Policy Tourism Management Minor
2017-Present Chair/Coordinator, Recreation Management and Policy Marketing Committee, UNH
2017-Present Liaison, Recreation Management and Policy Library Committee, UNH

COLLEGE SERVICE

2021-Present Member, CHHS Research Committee, UNH
2021-Present Member, CHHS Research Support Initiative Committee, UNH
2021-2022 Judge, CHHS Grimes Award Competition, UNH
2019-2021 Chair, RMP/Outdoor Education Merger Working Group, UNH

UNIVERSITY SERVICE

2022-Present Member, Natural Resources and the Environment Search Committee, UNH COLSA
2022-Present Member, Woodlands and Natural Areas Committee, UNH COLSA
2021-Present Chair/Coordinator, Data Inquiry Subcommittee, UNH CoRE Nature Economy
2021-Present Member/Faculty, UNH Natural Resources & Earth Systems Science Joint Ph.D. program
2021-Present Faculty Fellow, Preparing Future Faculty Program, UNH Graduate School
2019-Present Scholarly Coach, Preparing Future Faculty Program, UNH

PROFESSIONAL SERVICE

2022-Present Manuscript Reviewer, Journal of Leisure Sciences
2020-Present Manuscript Reviewer, Journal of Marine Policy
2018-Present Member, Scholarship Committee, National Env't and Recreation Research Assoc
2018-Present Manuscript Reviewer, Journal of Outdoor Recreation and Tourism
2018-Present Manuscript Reviewer, Journal of Interpretation Research
2018-Present Manuscript Reviewer, Journal of Energy Research and Social Sciences
2017-Present Section Editor, Journal of Parks and Recreation Administration- Programs That Work
2017-Present Associate Editor, Journal of Parks and Recreation Administration
2017-Present Manuscript Reviewer, Journal of Parks and Recreation Administration
2017-2020 Member, Education & Professional Development Committee, SORP

AWARDS & HONORS

2021	Excellence in Collaboration Award, UNH College of Health and Human Services
2021	The Roger A. Ritvo Award, UNH College of Health and Human Services
2016	The Tom and Muriel More Scholarship, Northeastern Recreation Research Symposium
2015	1 st Place Graduate Student Oral Presentations, Regional Science Consortium
2014	The Tom and Muriel More Scholarship, Northeastern Recreation Research Symposium
2014	1 st Place Graduate Student Oral Presentations, Regional Science Consortium
2013	Student Scholarship, International Symposium on Society and Resource Management
2013	Herberta M. Lundegren Scholarship in Leisure Studies, Pennsylvania State University
2013	Student Scholarship, Society for Outdoor Recreation Professionals
2012	Student Scholarship, National Association of Recreation Resource Planners
2011	Student Scholarship, National Association of Recreation Resource Planners

PROFESSIONAL MEMBERSHIPS

2021-Present	Granite Outdoor Alliance (GOA)
2021-Present	Granite Backcountry Alliance (GBA)
2017-Present	New Hampshire Recreation and Parks Association (NHRPA)
2017-Present	Northern New England Recreation and Parks Association (NNERP)
2017-Present	Energy Impacts Research Coordination Network
2017-Present	Earth Systems Governance Taskforce on Ocean Governance (ESG)
2016-Present	George Wright Society (GWS)
2016-Present	Academy of Leisure Sciences (ALS)
2016-Present	Northern New England Recreation and Parks Association (NNERP)
2014-Present	Regional Science Consortium (RSC)
2012-Present	International Association for Society and Natural Resources (IASNR)
2011-Present	National Environment and Recreation Research Association (NERRA)
2010-Present	Society of Outdoor Recreation Professionals (SORP)

PROFESSIONAL DEVELOPMENT

2021	Research Communications Academy-Media Relations, University of New Hampshire
2019	Writing Academy, University of New Hampshire
2018	Pathways to Tenure, University of New Hampshire

PROFESSIONAL MEDIA CONTRIBUTIONS

2022	Boston Globe	New England's national forests faced challenges during COVID-19
2022	Conversation	New Englanders support more offshore wind power – just don't send it to NY
2022	NHPR	Increased visitorship in New England national forests leads to increased stresses
2022	WMUR	UNH study looks at how COVID-19 pandemic is impacting forests
2022	Union Leader	UNH: Pandemic adversely impacted already stressed national forests
2022	UNH Today	COVID-Fueled Recreation
2022	UNH News	Pandemic Adversely Impacts Already Stressed National Forest
2021	UNH Today	Field Research in the Green Mountain National Forest
2021	Rock Talk	The Status of New Hampshire Outdoor Recreation in 2021
2021	UNH Spark	Research Rising to the Challenge – Not letting a crisis go to waste
2021	Zippa	Experts Weigh in on Current Job Market Trends in Outdoor Recreation
2021	UNH Today	New Hampshire Coastal Recreationists Support Offshore Wind
2021	UnionLeader	NH coastal visitors support wind energy projects, researchers find
2021	UNH Today	To the Woods- Grad Student Finds Her Place
2020	UNH Today	Precious Resources- Recreation in the age of COVID-19
2019	UNH Today	Research Finds Shale Natural Gas Development Impacting Recreationists
2019	CBS	More than half of U.S. beaches have fecal bacteria, environmentalists say
2019	Fox	Great Lakes to harness wind in country's largest offshore wind farm
2018	NHPR	Sununu Will Ask for Federal Offshore Wind Study, A First Step To
2018	UNH Today	UNH Research Finds Recreationists Support Offshore Wind Energy
2018	UNH Today	Not Taking the Plunge- As climate changes, so does lake recreation behavior
2018	PANPR	Climate change hinders summer fun on Lake Erie
2018	UNH Today	Seeing the Hikers for the Trees

CERTIFICATIONS

2019	Human Subjects Research, Collaborative Institutional Training Initiative
2016	CPR and First Aid, American Red Cross
2012	European Region Action Scheme for the Mobility of University Students (ERASMUS)
2009	Wilderness First Responder, Stonehearth Open Learning Opportunities (SOLO)
2009	Swift Water Rescue, American Whitewater Association
2009	Ropes Course Practitioner Level I, Association for Challenge Course Technology

RELATED PROFESSIONAL SKILLS

Applicable, experiential, and group-based teaching methods
Analysis of complex natural resource management issues
Quantitative and qualitative social science research methods
Project management, hiring, training, budgeting, payroll, supply chain management, and logistics
Scientific peer-reviewed manuscript and technical report writing
Public speaking and presenting technical information
Software proficiency in SPSS, AMOS, Minitab, Adobe Photoshop, and Microsoft Office

Michael D. Ferguson

Page 22 of 23

*Graduate student

