

PETER NEWMAN, PHD

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PROFESSIONAL EXPERIENCE

Department Head & Martin Professor 7/1/13-present

Department of Recreation Park and Tourism Management, Penn State University

Ten years of leadership as the Department Head of the Department of Recreation Park and Tourism Management (RPTM) in the College of Health and Human Development. The Department has a strong and growing emphasis on human health and well-being, sustainability and international aspects of tourism, parks and protected area management. The department's vision is to improve health and human well-being by engaging people in recreation parks, tourism and other leisure activities.

Duties associated with administering the Department include:

- Personnel management including: human resources, advancement, encouragement, workload assignment, tenure/promotion evaluations, annual evaluations, post tenure evaluations.
- Lead strategic planning in a multi-disciplinary department covering focal areas in environmental and sustainability studies, park management, tourism, community recreation, leisure, and health and human well-being.
- Administration and execution of departmental budget and development of revenue generation strategies.
- Oversee and develop research and outreach programs, within the department.
- Guide the development of academic curricula.
- Provide leadership to ensure high quality undergraduate and graduate teaching, advising and student engagement of 320 undergraduates, 27 MS/PhD students and over 160 RPTM and Sustainability Minors and 60 World Campus students.
- Facilitate achievement of Department, College and University diversity, inclusion and belonging goals.
- Facilitate achievement of Departmental, College and University strategic goals.
- Lead departmental fund raising in concert with College and University development leaders.
- Serve as the faculty representative to the Penn State Women's Soccer Team (National Champions 2015).

Suzanne and Allen Martin Professor of Recreation Park and Tourism Management, 3/1/21-present

Chosen as the inaugural endowed Professor in Recreation Park and Tourism Management. In this role, I lead a research team that includes funded MS, PhD and undergraduate students and a Post-Doctoral Fellow who design and execute studies related to issues of visitor management. Our research shows how parks can improve human health and well-being and how the distribution of the right number of people to the right place at the right time can help balance use and preservation in parks and protected areas. We currently have on-going studies in: Denali, Grand Canyon, Grand Teton, Acadia and Rocky Mountain, National Parks and a strong partnership and research program with the NPS Natural Sounds and Night Sky Division.

Associate Dean of Academic Affairs, WCNR, Colorado State University 1/09 – 6/13

Supported the Dean of the Warner College of Natural Resources, provided data driven input on College-wide policies and decisions. Oversaw WCNR academic programs by monitoring indicators of success of teaching and outreach to students and development programs (teaching-advising) for faculty. Collaborated with department heads and faculty. Responsible for recruitment and retention of undergraduate students. Served on University-

wide committees on academic quality, environmental sustainability, University admissions and enrollment, and Continuing Education. Reported to the Vice Provost as a member of the Council of Academic Deans.

(100% Administrative Assignment, with ability to “release” time for research)

Associate Professor of Protected Areas Management, Colorado State University 6/08-6/13

Faculty member in the Warner College of Natural Resources in the Department of Human Dimensions of Natural Resources. Conducted research on the human dimensions of resource management and social carrying capacity in national parks, wilderness and related areas. Taught: Principles of Protected Areas Management, Social Aspects of Natural Resource Management and Fundamentals of Protected Areas Management.

(50% Teaching 40% Research, 10% Service)

Assistant Professor of Protected Areas Management, Colorado State University 8/02–6/08

(50% Teaching 40% Research, 10% Service)

EDUCATION

Ph.D. Natural Resources, University of Vermont 9/99-7/02

Rubenstein School of the Environment and Natural Resources

M.S. Forest Resource Management, SUNY ESF 9/96-5/98

SUNY College of Environmental Science and Forestry, Syracuse, NY

B.A. Political Science, University of Rochester 9/90-5/94

PROFESSIONAL AFFILIATIONS

IUCN World Commission on Protected Areas 2011-present
Elected Member

Center for Protected Areas Management and Training 2002-present
Colorado State University, Steering Committee/founding member/Faculty Affiliate

Congressional Black Caucus Institute 21st Century Council 2008-2015
Appointed Member

Leave No Trace: Center for Outdoor Ethics 2008-2014
Board Member and Chair of Education Committee

AWARDS

Invited as the “Visiting Social Scientist/Scholar in Residence” Grand Teton National Park 2021

Inducted as a “Fellow of the Academy of Leisure Sciences” Class of 2021 2021

Selected as “Most Valuable Professor” Penn State University Womens Volleyball Program 2019

Excellence in Teaching Award, Health and Human Development, Penn State University 2018

Nominated for Atherton, Eisenhower and Alumni Teaching Fellow, Penn State University 2018

Big Ten Academic Department Executive Training Seminar Fellow 2015

Leave No Trace Center for Outdoor Ethics Board of Directors Leadership Award 2014

George Wright Society National Award for Social Science Achievement 2013
Presented National Award at the George Wright Society Conference

Cooperative Ecosystem Studies Unit (CESU) National Award 2012

Awarded for development of research program and partnership with the NPS Natural Sounds and Night Sky Division

- Fulbright Award/ Senior Scholar/Specialist:** Chiapas, Mexico 2011
Developed MS level curricula on Conservation Leadership with Mexican counter-parts at ECOSUR in San Cristobal de Las Casas, Chiapas, Mexico.
- “Favorite Teacher Award” WCNR, Colorado State University** 2008
- “Most Valuable Professor” Colorado State University, Women’s Volleyball Team** 2006

CURRICULAR INNOVATION

Penn State World Campus (online) BS Degree: Recreation Park and Tourism Management 2018-present

Developed an online degree program for RPTM with faculty and staff. Working closely with university curricular specialists we converted our whole curriculum to an online platform using the latest pedagogical approaches to provide a high quality and interactive learning experience. Program now has more than 60 full time students many of whom regularly interact with our residential students and faculty at University Park.

Sustainability Leadership Minor, Penn State University 2015-present

Working with key department and University faculty we resurrected and developed an intercollege minor housed in RPTM in Sustainability Leadership designed for students who wish to promote environmental, social, and economic sustainability in their personal and professional lives.

Developed MS Degree: Conservation Leadership through Learning Program (CLTL): 2009-2012
An Interdisciplinary Masters of Sustainable Development Practice
(With Dr. Mike Manfredo, Ryan Finchum & Dr. Josh Goldstein)

Over a three-year period conceptualized and introduced a new educational model for developing the next generation of conservation leaders. During this period, identified key institutional partners, developed the curriculum, gained University approval, worked out the logistics of a significant field component in Mexico, advertised the program, secured new campus resources for housing students, and initiated the first program. This program is offered in collaboration with Ecosur (El Colegio de la Frontera Sur) University in Mexico and provides a dual MS degree. CLP integrates traditional classroom instruction with problem-based learning models and field study. A faculty team from multiple Departments and Colleges, applying a concept we introduced and termed “synergistic learning”, delivers the interdisciplinary curriculum. Was awarded a Fulbright Fellowship in the summer of 2011 to help teach the first few months of field program in Mexico. The inaugural offering began fall, 2010 with 21 students and graduated 100% of the cohort in May 2012. The program was given the “Excellence and Innovation in Graduate Education Award” from the Western Association of Graduate Schools in 2013. The program is now in cohort 9 in the Warner College of Natural Resources at Colorado State University.

Secured the following scholarships:

- The Congressional Black Caucus Institute, a full scholarship dedicated toward increasing diversity in conservation leadership.
- CONACYT, Mexico’s National Commission for Science and Technology: 5 scholarships for Mexican nationals and 5 US students (with El Colegio de la Frontera Sur, San Cristobal, Chiapas, Mexico).

Concentration Leader: Protected Areas Management, 2004-08

Responsible for revamping protected areas management curriculum. Set up multi agency advisory group and held focus groups to ensure that concentration was meeting agencies needs and addressing current issues. Redesigned RR 231 (Principles of Protected Areas Management) and RR 331 (Fundamentals of Protected Areas Management). Created a service-learning based course and generated over 1000 hours of community service work for WCNR’s

Environmental Learning Center (ELC) and raised over ~\$5,000 in grants and material donation for several projects that have helped to protect and beautify the ELC.

RESEARCH EXPERIENCE

Principal Investigator, Co-Director, PARC Unit, PSU 2002-present

Protected Areas Research Collaborative (PARC)

Founded a team of researchers we named the PARC that includes funded MS, PhD and undergraduate students and a Post-Doctoral Research Associate who design and execute studies concerning visitor capacity and visitor management in parks and protected areas globally. We have secured over 5 million dollars in research from the National Science Foundation, National Park Service, US Forest Service and other agencies working in protected areas.

Developed a strategic research partnership with the U.S. National Park Service, Natural Sounds Program. Have graduated close to 20 MS and PhD students from this program, resulting from our research (CESU) partnerships with the U.S. National Park Service.

Raised funding to develop an on campus research environmental psychology lab to better understand psycho-acoustics (how sound affect people) using dose-response techniques and virtual reality (VR) technologies.

This partnership received the *CESU Network National Award for 2012*. All of our graduates are employed and nearly all are employed as University faculty, land management agencies, consulting firms and NGOs.

Research Topics Include:

- Healthy Parks/ Healthy People
- Visitor Management in Parks and Protected Areas
- Soundscape/Acoustic Management in Parks and Protected Areas
- Transportation Management and Planning
- Efficacy and communication of “Leave No Trace” principles
- Protection of Night Skies and Natural Darkness

Examples of recent projects include:

Year(s)		Amount
2021-2024	Effects of Outdoor Lighting on Natural Resources and Visitor Enjoyment in National Parks Funding: National Park Service PI: Barber, J., Boise State University Co-PI: Newman, P. & Taff, B.D.	\$450,000
2021-2022	State Forest ATV Pilot Soundscape Monitoring and Evaluation DCNR Bureau of Forestry Funding: Department of Conservation and Natural Resources PI: Newman, P. Co-PI: Taff, B.D. & Reigner, N.	\$125,000
		\$80,000

2021-2022	<p>Examining visitor use in the Taggart and Lupine Trail networks of Grand Teton National Park Funding: National Park Service PI: Newman, P. Co-PI: Taff, B.D.</p>	
2019-2021	<p>Examining the Efficacy of Indirect Management Messaging on Frontcountry and Campground Visitor Behaviors Regarding Trash and Recycling in National Parks Funding: Leave No Trace Center for Outdoor Ethics PI: Taff, B. D. Co-PI: Newman, P.</p>	\$90,000
2019-2020	<p>Grand Canyon National Park Visitor Use Management Data Needs Assessment Funding: Department of Interior, National Park Service PI: Taff, B. D. Co-PI: Newman, P.</p>	\$32,000
2018-2019	<p>Healthy Parks, Healthy People? Assessing the Relevance and Impact of Parks on Human Health, Well-being and Environmental Sustainability Funding: Penn State Global Programs and Monash University PI: Taff, B. D. Co-PI's: Peel, V., Hutchins, B., Newman, P., & Klemm, C.</p>	\$48,000
2016-2020	<p>Firescapes in the mid-Atlantic: Mismatches between social perceptions and prescribed fire use Principal Investigator: Erika Smithwick Co-PIs-Alan Taylor, Katherine Zipp, James Shortle and Margot Kaye, Peter Newman Source of Funding: Joint Fire Sciences Program</p>	\$326,646
2018-2019	<p>Development of Visitor-based Acoustical and Night Sky Indicators and Standards (Death Valley National Park Quiet Pavement Study) Funding: Department of Interior, National Park Service PI: Newman, P. Co-PI: Taff, B. D.</p>	\$48,000
2018-2019	<p>Exploring Visitor, NPS Staff, and Concession Staff Attitudes and Behaviors Regarding Waste in National Parks Funding: Leave No Trace Center for Outdoor Ethics PI: Taff, B. D. Co-PI's: Miller, Z., Schwartz, F., & Newman, P.</p>	\$82,000
2017-2019	<p>Leigh and String Lakes visitor use study at Grand Teton National Park Funding: Department of Interior, National Park Service PI: Taff, B. D. Co-PI: Newman, P.</p>	\$191,890
2016-2019	<p>Denali National Park: Frontcountry acoustics Funding: Department of Interior, National Park Service PI: Newman, P. Co-PI's: Taff, B. D. & Sparrow, V</p>	\$87,706

2015-2018	National Science Foundation Soundscapes as coupled systems of biodiversity and human experience Funding: National Science Foundation PI: Dr. Jessie Barber, Boise State University Co-PI: Peter Newman	\$640,000
2016-2018	Use and benefits of parks: An exploratory study with park users in Shenzhen, China Funding: Jinan University PI: Taff, B. D. Co-PI's: Newman, P., & Pan, B.	\$50,505
2012-2014	Department of Interior, NPS, Denali National Park Research to Support Development of Visitor-based Soundscape Indicators and Standards of Quality for Denali National Park Funding: Department of Interior, National Park Service PI: Newman, P. Co-PI's: Taff, B. D	\$95,773
2014- 2017	Department of Interior, NPS, Grand Teton National Park Research to Support Development of Visitor-based Indicators and Standards of Quality for Moose Wilson Road Corridor and Sting and Leigh Lakes. Funding: Department of Interior, National Park Service PI: Newman, P. Co-PI's: Taff, B. D.	\$116,000
2007-2010	Department of Interior, NPS, Rocky Mountain National Park Development and application of Wilderness Character Monitoring Program for Rocky Mountain National Park Wilderness Office Funding: Department of Interior, National Park Service PI: Newman, P. Co-PI's: Taff, B. D.	\$160,000

PEER REVIEW PUBLICATIONS AND PRESENTATIONS * Indicates graduate student

Journal Articles Currently in Review

1. Miller, Z. D., Newton, J., Freeman, S.*, Newman, P., & Taff, B. D. (In Review). Wildlife-friendly lighting influences visitor perceptions, support for management actions, and quality of experience in Grand Teton National Park. *Journal of Environmental Management*.

Journal Articles in Progress

4. Zipp, K., Zhao, A., Taylor, A., Miller, Z.D., Kaye, M., Newman, P., & Wu, H. (In Progress). An ecological model of recreation, housing, and carbon benefits of prescribed fire. *Journal of Environmental Management*.
3. Zipp, K., Shr, Y. Zhao, A., Miller, Z.D., Smithwick, E.A.H., Kaye, M., Taylor, A., Wu, H., & Newman, P. (In Progress). Feeling the burn: The optimal timing of prescribed fires for recreation benefits. *Journal of Environmental Economics and Management*.

2. Smithwick, E.A.H., Zipp, K., Wu, H., Kaye, M., Taylor, A., Miller, Z.D., Shr, Y.H., Zhao, A., Dems, C. & Newman, P. (In Progress). Burning mismatches in mid-Atlantic firescapes. *Frontiers in Ecology and Environment*.
1. Evensen, D., Ferguson, M., Ferguson, L. A., Miller, Z. D., Newman, P., Graefe, A., & Mowen, A. (In Progress). Politics dominates in explaining opposition towards wind energy and shale gas, but to varying extents cross-nationally. *Global Environmental Politics*.

Peer Reviewed Journal Articles Published *Graduate Student **Undergraduate Student

112. Freeman, S., Taff, B.D., Lawhon, B., Benfield, J.A., Kreye, M., Newton, J., Miller, L., Newman, P., (2023) The Impact of Message Framing on Wildlife Approach During Ungulate Viewing Experiences in the Greater Yellowstone Ecosystem; *Journal of Interpretation Research* 28 (1), 7-24
111. Ferguson, L. A., P. Newman, M. F. McKenna, D. H. Betchkal, Z. D. Miller, R. Keller, K. M. Fristrup, and B. D. Taff. (2023). How much noise is too much? Methods for identifying thresholds for soundscape quality and ecosystem services. *Applied Acoustics* 209: 109388.
110. Rice, W.L., B., Taff, B.D., Lawhon, B. & Newman, P. (2022) Anticipated post-pandemic substitution behavior among new outdoor recreationists in the U.S.: analysis across involvement and activity clusters, *Managing Sport and Leisure*, DOI: [10.1080/23750472.2022.2092540](https://doi.org/10.1080/23750472.2022.2092540)
109. *Toth, C., Pauli, B. P., McClure, C. J. W., Francis, C. D., Newman, P. B., Barber, J. R., & Fristrup, K., et al. (2022). A stochastic simulation model for assessing the masking effects of road noise for wildlife, outdoor recreation, and bioacoustic monitoring. *Oecologia*, 1-12. ISBN/ISSN: 1432-1939
108. *Rice, W. L., Newman, P. B., Zipp, K. Y., Taff, B. D., Pipkin, A. R., Miller, Z., & Pan, B. (2022). Balancing quietness and freedom: Support for reducing road noise among park visitors. *Journal of Outdoor Recreation and Tourism*, 37, 100474. ISBN/ISSN: 2213-0780
107. Taff, B. D., Miller, Z., Lawhon, B., Freeman, S., & Newman, P. B. (2022). Effective Communication and Campground Recycling: Lessons Learned from Yosemite, Grand Teton, and Denali National Parks. *Land*, 11(10), 1872. ISBN/ISSN: 2073-445X
106. Drage, E., Hecht, M., Taff, B. D., & Newman, P. B. (2022). Exploring Stakeholder perspectives in protected areas and gateway communities: the case of aviation tourism growth in the Alaska Range. *Tourism Recreation Research*, 1-14. ISBN/ISSN: 0250-8281
105. Wu, H., Miller, Z., Wang, R., Zipp, K. Y., Newman, P. B., Shr, Y.-H., Dems, C. L., Taylor, A. H., Kaye, M. W., & Erica A H Smithwick (2022). Public and manager perceptions about prescribed fire in the Mid-Atlantic, United States. *Journal of Environmental Management*, 322, 116100. ISBN/ISSN: 0301-4797
104. Rice, W. L., Reigner, N., Freeman, S., Newman, P. B., Mateer, T. J., Lawhon, B., & Taff, B. D. (2022). The impact of protective masks on outdoor recreation crowding norms during a pandemic. *Journal of Leisure Research*, 53(3), 340-356. ISBN/ISSN: 0022-2216
103. Taff, B.D., Rice, W.L., Lawhon, B., Newman, P., 2021. Who started, stopped, and continued participating in outdoor recreation during the covid-19 pandemic in the United states? Results from a national panel study. *Land* 10. <https://doi.org/10.3390/land10121396>
102. *Rice, W. L., *Reigner, N, *Freeman, S., Newman, P., *Mateer, T., Lawhon, B., Taff, B.D., (2021) The impact of protective masks on outdoor recreation crowding norms during a pandemic. *Journal of Leisure Research*, <https://doi.org/10.1080/00222216.2021.1981791>

101. *Rice, W. L., *Mateer, T. J., Newman, P., Lawhon, B., *Reigner, N., & Taff, B. D. (2021). Outdoor Recreationists' Perceptions of Risk, Agency Trust, and Visitor Capacities During the COVID-19 Pandemic. *Journal of Park and Recreation Administration*, 10730.
100. Baker, J., D'Antonio, A., Monz, C., Taff, D., Rice, W. L., Newton, J., Newman, P., Miller, Z.D., Freeman, S. (2021) What's 'SUP' with paddlers? Integrating spatial, social, and ecological data to understand behavior among paddlesport users at a popular lake destination, *Applied Geography*, 135 (102531)
99. Drage, E., Rice, W. L., Miller, Z. D., Newton, J. N., D'Antonio, A. D., Newman, P., & Taff, B. D. (2021). Mapping spatial dimensions of wilderness recreation outcomes: a study of overnight users. *eco. mont-Journal on Protected Mountain Areas Research and Management*, 13(1), 31.
98. Coulson, E., Park, L., Lawhon, B., Taff, D., Vagias, W., & Newman, P. (2021). Visitors' attitudes and behavioral intentions toward Leave No Trace on a national forest. *Applied Environmental Education and Communication*. <https://doi.org/10.1080/1533015X.2019.1617804>
97. *Freeman, S., Taff, B. D., Miller, Z. D., Benfield, J. A., & Newman, P. (2021a). Acceptability factors for wildlife approach in park and protected area settings. *Journal of Environmental Management*, 286(January). <https://doi.org/10.1016/j.jenvman.2021.112276>
96. *Freeman, S., Taff, B. D., Miller, Z. D., Benfield, J. A., & Newman, P. (2021b). Mutualism Wildlife Value Orientations Predict Support for Messages About Distance-Related Wildlife Conflict. *Environmental Management*, 67(5), 920–929. <https://doi.org/10.1007/s00267-020-01414-1>
95. Levenhagen, M. J., Miller, Z. D., Petrelli, A. R., Ferguson, L. A., Shr, Y. H. J., Taff, B. D., Newman, P., Barber, J. R. (2021). Does experimentally quieting traffic noise benefit people and birds? *Ecology and Society*, 26(2). <https://doi.org/10.5751/ES-12277-260232>
94. Mateer, T. J., Rice, W. L., Taff, B. D., Lawhon, B., Reigner, N., & Newman, P. (2021). Psychosocial Factors Influencing Outdoor Recreation During the COVID-19 Pandemic. *Frontiers in Sustainable Cities*, 3(July). <https://doi.org/10.3389/frsc.2021.621029>
93. Miller, Z.D., Rice, W.L.*, Newman, P., Taff, B.D., Gottschalk, J.*, Meyer, C.*, & Beeco, A. (2020) Using surface-treatment of pavements to improve visitor experiences: A case study from Death Valley National Park. *Journal of Ecotourism*, DOI: 10 1080/14724049.2020.1856856.
92. D'Antonio, A., Taff, B. D., Baker, J.*, Rice, W. L.*, Newton, J., Miller, Z. D., Newman, P., Monz, C., & Freeman, S.* (2020). Integrating visitor survey data with multiple geospatial methodologies to understand the social-ecological system of String and Leigh Lakes in Grand Teton National Park, WY. *Journal of Park and Recreation Administration*. DOI: <https://doi.org/10.18666/JPra-2020-10501>
91. Miller, Z. D., Wu, H., Zipp, K., Dems, C. L., Smithwick, E., Kaye, M., Newman, P., Zhao, A., & Taylor, A. (2020). Hunter and Non-Hunter Perceptions of Costs, Benefits, and Likelihood of Outcomes of Prescribed Fire in the Mid-Atlantic Region. *Society and Natural Resources*. <https://doi.org/10.1080/08941920.2020.1780359>
90. *Rice, W.L., Mateer, T.J., Reigner, N., Newman, P., Lawhon, B., Taff, B.D., (2020). Changes in recreational behaviors of outdoor enthusiasts during the COVID-19 pandemic: analysis across urban and rural communities. *Journal of Urban Ecology*, 6(1), 1-7 doi: 10.1093/jue/juaa020
89. *Rice, W. L., Taff, B. D., Newman, P., Zipp, K. Y., & Pan, B. (2020). Identifying recreational ecosystem service areas of concern in Grand Canyon National Park: A participatory mapping approach. *Applied Geography*, 125, [102353]. <https://doi.org/10.1016/j.apgeog.2020.102353>

88. *Rice, W. L.*, Lacey, G., Peel, V., Pan, B., Klemm, C., Miller, Z. D., Newman, P., Hutchins, B., & Taff, B. D. (2020). Examining Health Promotion in Parks: A cross-national inquiry of healthy parks healthy people programs. *Recreation, Parks, and Tourism in Public Health* 4, 5-14. <https://www.jstor.org/stable/10.2979/rptph.4.1.02>.
87. Levanhagen, M., Miller, Z.D., Petrelli, A.R., Abbott, L.C., Shr, Y., Taff, B.D., White, C., Frstrup, K., Monz, C., McClure, C.J.W., Newman, P., Francis, C.D., & Barber, J.R. (2020). Ecosystem services provided by soundscapes link people and wildlife. *People and Nature*.
86. *Rice, W.L., Taff, B.D., Newman, P., Zipp, K., & Miller, Z.D. (2020). Beyond benefits: Toward a recreational ecosystem services management framework. *Landscape Research*, DOI: [10.1080/01426397.2020.1777956](https://doi.org/10.1080/01426397.2020.1777956)
85. *Rice, W. L., **Hamilton, G. C., & Newman, P. (2020). Pungent parks: smell's growing relevance in park tourism. *Journal of Tourism Futures*. <https://doi.org/10.1108/JTF-05-2019-0045>
84. *Rice, W. L., Taff, B. D., Miller, Z. D., Newman, P., Zipp, K. Y., Pan, B., *Newton, J. N., & D'Antonio, A. (2020). Connecting motivations to outcomes: A study of park visitors' outcome attainment. *Journal of Outdoor Recreation and Tourism*. 29. https://api.elsevier.com/content/abstract/scopus_id/85075828217.
83. Lawson, S., & Newman, P. In response to impact of Half Dome cable permitting by Spano et al. (2020) *Wilderness Environmental Medicine*; DOI: <https://doi.org/10.1016/j.wem.2019.11.006>
82. Ferguson, M., Lynch, M, Miller, Z., *Ferguson, L., & Newman, P. (2020) "What do outdoor recreationists think of fracking? Politics, ideology, and perceptions of shale gas energy development in Pennsylvania State Forests", *Energy Research & Social Science*, 62, 101384,2020
81. *Rice, W. L., Park, S., Pan, B., & Newman, P., (2020) "Forecasting campground demand in US national parks" *Annals of Tourism Research*. (75)424-438
80. *Rice, W. L., Newman, P., Miller, Z. D., & Taff, B. D. (2020). Protected areas and noise abatement: A spatial approach. *Landscape and Urban Planning*. 194, 1–9.
79. Miller, Z. D., *Ferguson, L. A., Newman, P., Ferguson, M., Tipton, N., Sparrow, V. & Taff, B. D. (2020). Developing visitor thresholds of sound from shale natural gas compressors for motorized and non-motorized recreation users in Pennsylvania State Forests. *Applied Acoustics*, 157(1), DOI.or/10.1016/j.apacoust.2019.107012.
78. Miller, Z. D., Lawhon, B., Taff, B. D., *Schwartz, F., & Newman, P. (2019). Identifying strategies to reduce visitor-generated waste in national parks of the United States: The Zero Landfill Initiative. *Applied Environmental Education & Communication*. DOI: 10.1080/1533015X.2019.1588179
77. Coulson, E. R., Park, L. O., Lawhon, B., Taff, B. D., Vagias, W. M., & Newman, P. (2019). Visitors' attitudes and behavioral intentions towards Leave No Trace on a national forest. *Applied Environmental Education & Communication*. DOI.org/10.1080/1533015X.2019.1617804.
76. *Rice, W. L., Taff, B. D., Newman, P., Miller, Z. D., D'Antonio, A. L., Baker, J. T., Monz, C., *Newton, J. N., & Zipp, K. Y. (2019). Grand expectations: Understanding visitor motivations and outcome interference in Grand Teton National Park, Wyoming. *Journal of Park and Recreation Administration* 37(2). DOI: 10.18666/JPra-2019-9283.
75. Miller, Z. D., Taff, B. D., Newman, P., & Lawhon, B. (2019). A proposed research agenda on social media's role in visitor use and experience in parks and protected areas. *Journal of Park and Recreation Administration* 37(3). DOI: 10.18666/JPra-2019-9553.

74. Miller, Z. D., Lawhon, B., Taff, B. D., *Schwartz, F., & Newman, P. (2019). Identifying strategies to reduce visitor-generated waste in national parks of the United States: The Zero Landfill Initiative. *Applied Environmental Education & Communication*. DOI: 10.1080/1533015X.2019.1588179.
73. *Romo, A. B., Taff, B. D., Lawhon, B., VanderWoude, D., Newman, P., Graefe, A., & Schwartz, F. (2019). Dog owners' perceptions and behaviors related to the disposal of pet waste in City of Boulder Open Space and Mountain Parks. *Journal of Park and Recreation Administration*. DOI: 10.18666/JPra-2019-9059.
72. Lawhon, B., Taff, B. D., Newman, P., Vagias, W., & Miller, Z. D. (2019). Understanding attitudes and support for Leave No Trace: Informing communication strategies with frontcountry state park visitors. *Journal of Outdoor Recreation, Education, and Leadership*, 11(1), 37–52.
71. Miller, Z. D., Huang, J., Costigan, H., Lou, J., Deng, H., Xu, X., Taff, B. D., Sun, C., Yang, X., Wang, Z-L., Lin, D., Qu, S., Pan, B., Li, G., & Newman, P. (2018). A cross-cultural examination of the noise-sensitivity scale-short form: Measurement invariance testing between US and Chinese samples. *Biomedical and Environmental Sciences*, 31(11), 851–854.
70. Miller, Z. D., *Rice, W., Taff, B. D., & Newman, P. (2018). Understanding visitor motivations at Jimmy Carter National Historic Site: A principal components approach. *Heritage*, 1, 328-334.
69. Miller, Z.D., Taff, B. D., & Newman, P. (2018). Visitor experiences of wilderness soundscapes in Denali National Park and Preserve. *International Journal of Wilderness*, 24(2), 32–43.
68. *Kidd, A., D'Antonio, A., Monz, C., Heaslip, K., Taff, B. D., & Newman, P. (2018) GPS-based classification of visitors' vehicular behavior in a protected area setting. Submitted to *Journal of Park and Recreation Administration*, 36(1), 69 – 89.
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66. *Newton, J. N., Newman, P., Taff, B. D., Shr, Y. H., Monz, C. A., & D'Antonio, A. (2018). If I can find a parking spot: A stated choice approach to Grand Teton National Park visitors' transportation preferences. Submitted to *Journal of Outdoor Recreation and Tourism*.
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2. Manning, R.E, Lawson, S.R., Newman, P., Monz C., and Hallo, J., (2014), Sustainable Transportation in National Parks, from Acadia to Zion. University Press of New England (Released: July, 2014)
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BOOK CHAPTERS

7. Miller, Z.D., Rice, W., Taff, B.D., & Newman, P. (2020). Concepts for understanding the visitor experience in sustainable tourism. In S.F. McCool and K. Bosak (Eds.), A Research Agenda for Sustainable Tourism. Cheltenham, UK: Edward Elgar Publishing.
6. Benfield, J. A., Weinzimmer, D., Taff, B. D., & Newman, P. (2018). Health effects of recreation vehicle noise: Laboratory evidence for mood and heart rate. In I., Azara, E., Michopoulou, F., Niccolini, B. D., Taff, & A., Clarke (Eds) Tourism, Health, Wellbeing, and Protected Areas. United Kingdom: CABI.
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2. Manning, R., S. Lawson, P. Newman, M. Budruk, W. Valliere, D. Laven and J. Bacon. 2004. 'Visitor Perceptions of Recreation-Related Resource Impacts'. Environmental Impacts of Ecotourism. London: CAB International.
1. Manning, R., S. Lawson, P. Newman, M. Budruk, W. Valliere, D. Laven and J. Bacon and Wang, B. 2004. . Development and Applications for Carrying Capacity Frameworks for Parks and Protected Areas. In: Delfino, C. Camarda, I. Manfredo, M.J., Mulas, F., and Teel, T.L. Global Challenges of Protected Areas Management

ESSAYS AND RESEARCH NOTES

1. Brown, J., Cobb, T., Davis, G., Harmon, D., Mitchell, Newman, P., Ostergen D., Parsons, D.J., Reynolds, J., Smith, R., Tranel, M., Wallace, G.N., Woodley S. 2005. Voices From Durban: Reflections on the 2003 World Parks Congress. The George Wright Forum: 20(4) 8-28

RECENT PROJECT REPORTS

12. Lawhon, B., Taff, B. D., *Schwartz, F., Miller, Z. D., & Newman, P. (2019). Exploring Campground Visitor Attitudes, Values, and Behaviors Regarding Waste in National Parks. Final Report prepared for Subaru of America and the National Park Service. Leave No Trace Center for Outdoor Ethics and Pennsylvania State University.
11. D'Antonio, A. D., Taff, B. D., Monz, C., Newman, P., Baker, J., *Rice, W., & Miller, Z. (2018). Leigh and String Lakes Visitor Use Study at Grand Teton National Park. Natural Resource Report submitted to the National Park Service.
10. Lawhon, B., Taff, B. D., *Schwartz, F., Miller, Z. D., & Newman, P. (2018). Exploring Visitor Attitudes, Values, and Behaviors Regarding Waste in National Parks. Final Report prepared for Subaru of America and the National Park Service. Leave No Trace Center for Outdoor Ethics and Pennsylvania State University.
9. *Blenderman, A., Taff, B. D., Schwartz, F., & Lawhon, B. (2018). Dog Owners' Perceptions and Behaviors Related to the Disposal of Pet Waste in City of Boulder Open Space and Mountain Parks. Final Report prepared for City of Boulder, Colorado, Open Space and Mountain Parks by Pennsylvania State University and the Leave No Trace Center for Outdoor Ethics.
8. Taff, B. D., *Abbott, L., & Newman, P. (2016). Exploring vertical wilderness in the acoustic environment. Report submitted to AMK Ranch and Research Station – National Park Service and University of Wyoming.
7. Newman, P., *Newton, J., Taff, B. D., & Shr, Y. H. (2015). Visitor preference study in the Moose-Wilson Corridor of Grand Teton National Park. Report submitted to National Park Service, Fort Collins, Colorado.
6. Newman, P., Taff, B. D., *Newton, J., & *Abbott, L. (2015). Informing visitor use management strategies for the Moose-Wilson Corridor, Grand Teton National Park. Report submitted to Pennsylvania State University, Protected Areas Research Cooperative, University Park, PA.
5. Newman, P., Taff, B. D., Weinzimmer, D., *Newton, J., & Leslie, C. (2014). Soundscape social science survey for air tour management and soundscape planning at Bandelier National Monument.

Report submitted to National Park Service, Colorado State University, Fort Collins, CO & Pennsylvania State University, University Park, PA.

4. Newman, P., Taff, B. D., Weinzimmer, D., Leslie, C., Gibson, A., *Newton, J., & *Abbott, L. (2014). Social normative study of backcountry visitor’s acoustic expectations and experiences in Denali National Park and Preserve. Report submitted to National Park Service, Colorado State University, Fort Collins, CO & Pennsylvania State University, University Park, PA.
3. Newman, P., Lawhon, B., & Taff, B. D. (2013). Visitor attitudes, beliefs and behaviors concerning Leave No Trace outdoor ethics in Wyoming State Parks, Trails and Historic Sites. Report submitted to Wyoming State Parks, Trails and Historic Sites, Colorado State University, Fort Collins, CO.
2. Newman, P., Lawson, S., Taff, B. D., Gibson, A., Marin, L., Kiser, B., Kaliski, K., & Talbot, E. (2012). Research to support development of visitor-based soundscape indicators and standards of quality at YOSE and SEKI. Report submitted to National Park Service, Colorado State University, Fort Collins, CO & Resource Systems Group, White River Junction, VT.
1. Newman, P., Lawson, S., Monz, C., Pettebone, D., Gibson, A., Taff, B. D., & D’Antonio, A. (2010). Modeling the effects of alternative transportation on VERP in Rocky Mountain National Park. Report submitted to National Park Service, Colorado State University, Fort Collins, CO & Resource Systems Group, White River Junction, VT.

GRADUATE STUDENT SUCCESS

Chad Schneckenburger, MS	Derrick Taff, PhD	- 1 former student tenured and in leadership position at R1 University
Kat Morgan, MS	Colin Leslie, MS	- 2 former students in tenure track faculty positions at R1 Universities
Ericka Pilcher, MS	Ben Lawhon, MS	- 1 former student in leadership position at The Nature Conservancy
Adam Gibson, PhD	Lauren Abbott Ferguson, PhD	- 5 former students in leadership positions in the National Park Service
Dave Stack, MS	Jennifer Newton, PhD	- 2 former students working in State and County Public Land offices
Dave Pettebone, PhD	Will Rice, PhD	- 1 former student working for the IUCN and Parks Canada
Lelaina Marin, MS	Stephanie Freeman, PhD	
Tim Archie, PhD	Erin Dragge, MS	
David Weinzimmer, MS	Morgan Crump, MS, PhD (2025)	
Elizabeth Himschoot PhD (2025)	Rachel Nelson, PhD (2026)	
Molly Lane, MS (2025)	Adrian Benedetti PhD (2024)	

SELECTED INVITED PRESENTATIONS

Newman, P., Current practices in the protectopm of acoustic environments and improving human wellbeing in protected areas: Invited Speaker, Norwegian Institute for Nature Research
January 2023

Newman, P., Conserving acoustic environments and improving human wellbeing in protected areas: Invited Keynote Speaker, Pennsylvania Bureau of Forestry Winter Management Conference, State College, PA, January 2020

Newman, P., Are we loving Parks to death? Finding balance in use and preservation: Invited Keynote Speaker, US State Department Speakers Program, US Embassy, Kathmandu Nepal, (International) October 2019

Newman, P., Balancing Use and Preservation in Protected Natural Areas, Invited Keynote Speaker, US State Department Speakers Program, US Embassy, Muscat, Oman (International) October 2019

Newman, P., & Taff, B. D. Protecting the Acoustic Environment in National Parks: Invited Keynote Speaker, Department of Conservation, Christchurch, New Zealand (International) June 2019

Taff, B. D., Peel, V., *Rice, W. L., Lacey, G., Pan, B., Klemm, C., Newman, P., & Hutchins, B. Healthy Parks, Healthy People: Evaluating and improving park service efforts to promote health and well-being. Paper presented at the Tourism and Travel Research Association Conference. Melbourne, Australia, June 2019. (Juried) (International).

Newman, P., & Taff, B. D. Managing visitors in high use National Parks, (2018) Keynote Speaker, Tongji University. Shanghai, Shanghai, China (International) December, 2018

*Rice, W. L., Taff, B. D., Miller, Z. D., Newman, P., *Newton, J., D'Antonio, A., Baker, J., & Monz, C. Teton recon: Mixed-methods approaches to measuring recreational ecosystem services in Grand Teton National Park. Paper presented at the 14th Biennial Scientific Conference on the Greater Yellowstone Ecosystem. Big Sky, Montana, September 2018. (Juried) (National).

*Ferguson, L. C., Newman, P., Taff, B. D., Miller, Z. D., Barber, J., Levenhagen, M., Francis, C., Shr, Y., Petrelli, A., & White, C. Case studies in coupled human natural systems and measuring acoustic experiences. Paper presented at the 2018 International Symposium on Society and Resource Management, Snowbird, UT, June 2018. (Juried) (International).

*Rice, W., Taff, B. D., Newman, P., *Newton, J., Monz, C., D'Antonio, A., & Miller, Z. D., Wanderlost: Increased visitor use and benefit-achievement in Grand Teton National Park's String and Leigh Lakes. Paper presented at the National Environment and Recreation Research Symposium, Annapolis, MD, February 2018. (Juried) (National).

*Newton, J., Newman, P. B., & Taff, B. D. A stated choice approach to Grand Teton National Park Visitors. Paper presented at the George Wright Society Conference, Norfolk, VA, April 2017. (Juried) (National).

*Newton, J., Newman, P. B., Taff, B. D., D'Antonio, A., & Monz, C. Spatial Temporal Dynamics of Visitor Stopping Behavior Along a Rustic Park Road. Paper presented at the George Wright Society Conference, Norfolk, VA, April 2017. (Juried) (National).

*Abbott, L., Newman, P., & Taff, B. D. The effects of natural and anthropogenic noise on climber experiences in Grand Teton National Park. Paper presented at the George Wright Society Conference, Norfolk, VA, April 2017. (Juried) (National).

Taff, B. D., *Schwartz, F., Lawhon, B., & Newman, P. Social and ecological health: Leave No Trace science. Paper presented at the Tourism Naturally Conference, Alghero, Italy, October 2016. (Juried) (International).

Newman, P., & Taff, B. D. Conserving acoustic environments and wellbeing in protected areas. Paper presented at the Tourism Naturally Conference, Alghero, Italy, October 2016. (Juried) (International).

Taff, B. D., *Schwartz, F., Lawhon, B., & Newman, P. Social and ecological health: Leave No Trace science. Paper presented at the Tourism Naturally Conference, Alghero, Italy, October 2016. (Juried)

Newman, P., & Taff, B. D. Conserving acoustic environments and wellbeing in protected areas. Paper presented at the Tourism Naturally Conference, Alghero, Italy, October 2016. (Juried)

Taff, B. D., & Benfield, J., Newman, P., & Smyth, J. Soundscape lessons learned and current research examining acoustic environments and human health through physiological response. Paper presented at the International Symposium on Society and Resource Management, Charleston, SC, June 2015. (Juried)

*Abbott, L., Newman, P., Benfield, J., & Taff, B. D. Nature's transformational power: Health metrics and measures linked to Healthy Parks Healthy People. Paper presented at the George Wright Society Conference, Oakland, CA, April 2015. (Juried)

*Newton, J. N., Newman, P., Monz, C., Taff, B. D., & D'Antonio, A. Methods used to understand visitor use, and social and ecological impacts in Grand Teton National Park. Paper presented at the Northeastern Recreation Research Symposium, Annapolis, MD, April 2015.

*Newton, J. N., Newman, P., Taff, B. D., & Weinzimmer, D. Examining perceptions of soundscapes and potential management action in Bandelier National Monument. Paper presented at the Northeastern Recreation Research Symposium, Annapolis, MD, April 2015.

Taff, B. D., Cooper, C., & Newman, P. Social science and citizen science to inform sound and light management. Paper presented at the American Association for the Advancement of Science Annual Meeting, San Jose, CA, February 2015. (Juried)

Newman, P., Taff, B. D., Trevino, K., Fristrup, K., Barber, J., & Allen, D. Conserving acoustic environments in protected natural areas. Paper presented at the World Parks Congress, Sydney, Australia, November 2014. (Juried)

Taff, B. D., Newman, P., Dattilo, J., Brownlee, M., Czaja, M., Trevino, K., Wong, D., & Bell, A. Promoting health and well-being for military personnel: Exploring leisure, recreation, and natural soundscapes as mediums for restoration. Paper presented at This Land is Your Land: Toward a Better Understanding of Nature's Resiliency-building and Restorative Power for Armed Forces Personnel, Veterans, and Their Families Symposium, University of Utah, Salt Lake City, UT, September 2014. (Juried)

Taff, B. D. , Research regarding natural sounds and night skies within the context of parks and protected areas. Paper presented at the International Symposium on Society and Resource Management, Hannover, Germany, June 2014. (Juried)

Benfield, J., Smyth, J., Taff, B. D., & Newman, P. Soundscape can impede or improve recovery from stress. Paper presented at the International Symposium on Society and Resource Management, Hannover, Germany, June 2014. (Juried)

Taff, B. D., Newman, P., Weinzimmer, D., Lawson, S., Trevino, K., Fristrup, K., & Turina, F. Protecting soundscapes in U.S. National Parks: The state of research in the field and laboratory. Paper presented at the International Symposium on Society and Resource Management, Estes Park, CO, June 2013. (Juried)

Weinzimmer, D., Newman, P., Taff, B. D., Bell, P., Trevino, K., Fristrup, K., Turina, F., & Lynch, E. Cognitive, affective, and biophysical response to motorized noise in national parks. Paper presented at the George Wright Society Conference, Denver, CO, March 2013. (Juried)

Newman, P. , Taff, B. D., Lawson, S., Fristrup., K., & Trevino, K. Protecting soundscapes in U.S. national parks: Lessons learned from the laboratory to the field. Paper presented at the George Wright Society Conference, Denver, CO, March 2013. (Juried)

Taff, B. D., Lawhon, B., & Newman, P. Influences on future Leave No Trace behavior in national parks. Paper presented at the George Wright Society Conference, Denver, CO, March 2013. (Juried)

Newman, P., & Taff, B. D., Lawson, S., Fristrup, K., & Trevino, K. Protecting soundscapes in U.S. national parks: Developing visitor simulation and noise exposure models. Paper presented at the International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas, Stockholm, Sweden, August 2012. (Juried)

*Taff, B. D., & Newman, P. Visitor perceptions of alternative transportation in Yosemite and Rocky Mountain National Parks. Paper presented at the Rocky Mountain National Park Research Conference, Estes Park, CO, March 2012. (Juried)

*Taff, B. D. Visitor perceptions of alternative transportation in Yosemite and Rocky Mountain National Parks. Paper presented at the Federal Planning Division Regional Workshop, Denver, CO, November 2011.

*Taff, B. D., & Newman, P. The role of messaging on commercial aircraft sights and sounds. Paper presented at the George Wright Society Conference, New Orleans, LA, March 2011. (Juried)

*Taff, B. D., & Newman, P. Visitor perceptions of alternative transportation in Yosemite and Rocky Mountain National Parks. Paper presented at the George Wright Society Conference, New Orleans, LA, March 2011. (Juried)

*Taff, B. D., Newman, P., Bright, A., & Vagias, W. Frontcountry and backcountry visitor attitudes towards Leave No Trace: Are we preaching to the choir? Paper presented at the George Wright Society Conference, New Orleans, LA, March 2011. (Juried)

Newman, P.; Lawson, S.R., Fristrup, K., Trevino, K., 2014. Sustainable Transportation in National Parks at Università degli Studi di Trento, Italy

Newman, P.; 2013. Managing Soundscapes in U.S. National Parks- Krakow, Poland invited by the Polish National Park Service

Newman, P.; Lawson, S.R., Fristrup, K., Trevino, K., 2012. Managing Soundscapes in U.S. National Parks, Acoustic Society of America Conference, Hong Kong

Newman, P.; 2010. Adaptive Management and Noise Reduction in U.S. National Parks, A Case Study of Muir Woods National Monument. Technische Universität Berlin, Berlin, Germany,

Newman, P.; Manning, R.E., Stack, D.W., Fristrup, K., 2008. Managing Soundscapes in U.S. National Parks, A Case Study of Muir Woods National Monument. Managing and Monitoring Visitor Flows Conference, Montecatini, Italy

Newman, P. 2007. Managing Use in Protected Areas. Balancing use and Preservation. Vth Brazilian Parks Congress. Fauz do Iguacu, Brazil

Newman, P. 2006. Management Applications of Current Research on Carrying Capacity Decision Making: Application of ROS in the Latin American Context using ROVAP, ECOSUR: San Cristobal de Las Casas, Chiapas, Mexico

Newman, P. 2005. Informing Carrying Capacity Decision-Making in US National Parks, E-Tour, Naturvaden, Stockholm, Sweden

Newman, P, Theobald, D. 2003. Applying Carrying Capacity-related Management Frameworks in Chocoyero Reserve, COMAP, Nicaragua (Presentation in Spanish)

EDUCATIONAL GRANTS:

- Penn State University Sustainability Institute Innovation Fund** 2013-15
Newman, P., Kerstetter, D., Kleban, P. Funding to support the infusion of concepts of Sustainability into the RPTM Curriculum.
- Colorado State University Office of Service Integration** 2006
Newman, P. Funding to support the development of service learning model for the course “Principles of Protected Areas Management” (RR 331). Money helps to fund student run service-learning projects and management at the Environmental Learning Center.
- Center for Teaching and Learning, University of Vermont** 2000-02
Funding to support the development of a teaching/learning model and core curriculum website for the University of Vermont, School of Natural Resources.

PAST EXPERIENCE

- National Park Service Ranger, Resources Management, Yosemite National Park, CA** 6/98- 9/99
Coordinated wilderness restoration program for Yosemite National Park. Responsibilities included wilderness resource monitoring, back-country patrol and teaching resource mitigation techniques to Student Conservation Association (SCA) crews. Designed a campsite impact monitoring system utilizing spatial analysis techniques. Prepared and presented papers and attended national conferences including the George Wright Society (1999) and the National Wilderness Conference (1999) representing Yosemite National Park, resources management team.
- Assist. Director, Day Camp, MA Audubon Wildlife Sanctuary, Martha’s Vineyard, MA** 7/96-9/96
Organized and trained environmental educators to teach marine ecology, snorkeling and birding to kids between the ages of 8-13 years. Also led public natural history canoe tours and bird walks.
- Instructor/Naturalist, Yosemite Institute, Yosemite National Park, CA** 9/94-7/96
Taught montane ecology, geology, botany and tracking to students and elder hostel participants. Guided back-country hiking trips teaching “Leave No Trace” and Wilderness ethics. Also presented weekly evening programs to groups of 200+ on winter ecology of the Sierra Nevada.
- Backcountry Patrol, U.S.D.A. Forest Service, Payette National Forest, ID** 6/92-9/92
Patrolled the backcountry of the Frank Church Wilderness of No Return on ten-day loops. Also responsible for trail maintenance in the Chamberlain District. Taught “Leave No Trace” techniques to public.

RELATED CERTIFICATIONS AND ACTIVITIES:

- National Ski Patroller, Snow King Mountain, Jackson Hole, WY Winter, 20/21

- National Ski Patroller, Tussey Mountain, PA
2014-Present
 - Outdoor Emergency Care (OEC), National Ski Patrol (Re-certified 2023)
 - Tobaggon Handling Skills (Re-certified 2023)
 - Incident Command, ICS-100, FEMA (Certified 2019)

- Wilderness First Responder, SOLO, Conway, NH 1999-2008
- Type I Avalanche, Certification/ Diamond Peaks Ski Patrol, Colorado 2009
- “Leave No Trace” Trainer, National Outdoor Leadership School (NOLS) 2005
- Wildland Fire Fighter Type II: Redcard Certified, National Park Service 1999-2000

COMPLETED MARATHONS/ ULTRA MARATHONS/IRONMAN RACES:

- 2022 Mussleman ½ Ironman 70.3, Geneva N.Y.
- 2015 New York City Marathon, NY
- 2012 Blue Sky Trail Marathon, Fort Collins, CO
- 2011 New York City Marathon, NY
- 2011 Bear Lake to Long Meadows Continental Divide Ultra, Estes Park, CO
- 2010 Chicago Marathon, IL
- 2006 Colorado Marathon, Fort Collins, CO
- 2003 New York City Marathon, NY
- 2002 Tuolumne to White Wolf Ultra, Yosemite, CA
- 2002 Tuolumne to Mammoth Ultra, Yosemite, CA
- 2001 Cape Cod Marathon, MA
- 2000 New York City Marathon, NY
- 1999 Vermont City Marathon, VT
- 1996 Avenue of Giants, Arcata, CA