

# Dr. Ashley D'Antonio

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## PROFESSIONAL EXPERIENCE

### **Associate Professor, Nature-Based Recreation Management**

Department of Forest Ecosystems and Society

Oregon State University, Corvallis, OR

2022 – present

### **Gene D. Knudson Forestry Chair**

2019 – present

### **Assistant Professor, Nature-Based Recreation Management**

Department of Forest Ecosystems and Society

Oregon State University, Corvallis, OR

2016 – 2022

### **Postdoctoral Teaching & Research Fellow**

Department of Environment & Society

Utah State University, Logan, UT

2015 – 2016

## EDUCATION

Ph.D. **Utah State University**, Logan, UT

June 2015

*Human Dimensions of Ecosystem Science and Management*

M.S. **Utah State University**, Logan, UT

December 2010

*Human Dimensions of Ecosystem Science and Management*

B.S. **The Pennsylvania State University**, University Park, PA

May 2006

*Biology (Ecology Concentration)*

## RESEARCH GRANTS

Parks California, “Visitor Use Management Study for Interim Phase Monitoring at Big Basin Redwoods State Park”; 2022 – 2023 (Total: \$201,733); co-PI with Troy Hall (D’Antonio’s Share: \$201,733).

USDI National Park Service, “Developing Visitor Use Monitoring Protocols for Rocky Mountain National Park”: 2022 – 2023 (Total: \$46,440); Principal Investigator (D’Antonio’s Share: \$46,440).

USDI National Park Service, “Examining Commercial and Non-commercial Visitor Use on Blue Mesa Reservoir and the Adjacent Gunnison River at Curecanti National Recreation Area”: 2022 – 2024 (Total: \$120,120); collaborator with co-PIs Jennifer Thomsen & Will Rice (University of Montana) (D’Antonio’s Share: \$24,675).

Oregon Department of Forestry, “Black Rock Mountain Biking Area Visitor Use Monitoring Project”: 2021 – 2023 (Total: \$21,000); Principal Investigator (D’Antonio’s Share: \$21,000).

USDI National Park Service, “Develop Backcountry Visitor Use Monitoring Protocols for Capitol Reef National Park”: 2020 – 2022 (Total: \$39,528); Principal Investigator (D’Antonio’s Share: \$39,528).

USDA Forest Service – Aldo Leopold Wilderness Research Institute, “Yosemite Wilderness Project”: 2020 – 2022 (Total: NA); co-PI with Jeremy Wimpey (Applied Trails Research; Virginia Tech) & Nathan Reigner (Penn State) (D’Antonio’s Share: \$37,500).

National Park Foundation, “Landscape-scale Habitat Fragmentation as a Consequence of Visitor Use and Associated Infrastructure in Two National Parks”: 2019 – 2023 (Total: \$278,300); Principal Investigator (D’Antonio’s Share: \$278,300).

USDI National Park Service, “Develop a Repeat Photography Program to Engage Visitors and Document Landscape Changes in Yellowstone National Park, Phase II”: 2019 – 2020 (Total: \$34,945); Principal Investigator (D’Antonio’s Share: \$34,945).

USDI National Park Service, “Develop a Repeat Photography Program to Engage Visitors and Document Landscape Changes in Yellowstone National Park, Phase I”: 2018 – 2019 (Total: \$32,407); Principal Investigator (D’Antonio’s Share: \$32,407).

USDI National Park Service, “Development of Management Monitoring Program and Protocols for Golden Gate National Recreation Area”: 2017 – 2019 (Total: \$341,845); co-PI with Troy Hall and Lisa Ganio (D’Antonio’s Share: \$53,325).

USDA Forest Service, “Siuslaw National Forest Recreation Study and Analysis Project”: 2017 – 2018 (Total: \$32,393); co-PI with Troy Hall (D’Antonio’s Share: \$32,393).

USDI National Park Service, “Summer Visitor Use and Resource Monitoring at Focal Attractions and Trails in Yellowstone National Park”: 2017 – 2018 (\$24,944); Principal Investigator (D’Antonio’s Share: \$24,944).

USDI National Park Service, “Leigh and String Lakes Visitor Use Study at Grand Teton National Park”: 2017 – 2020 (\$463,485); Principal Investigator with Co-PIs Christopher Monz (Utah State University), Derrick Taff (Penn State), and Peter Newman (Penn State) (D’Antonio’s Share: \$184,645).

Natural Communities Coalition, “Recreation Use and Human Valuation on the Nature Reserve of Orange County, California”: 2017 – 2022 (\$492,111); co-PI with Christopher Monz (Utah State University) (D’Antonio’s Share: \$127,119).

USDA Forest Service, “Minimum Protocol for Social Trails Monitoring in Wilderness”: 2016 (\$21,900); co-PI with Troy Hall. (D’Antonio’s Share: \$5,455).

Utah State University, Dissertation Enhancement Awards: 2014 (\$4,177); Principal Investigator (D'Antonio's Share: \$4,177).

Joshua Tree National Park, Robert Lee Graduate Student Research Grant: 2011 - 2013 (\$2,690); Principle Investigator (D'Antonio's Share: \$2,690).

## TEACHING EXPERIENCE

### **Oregon State University, Corvallis, OR**

#### *Assistant Professor*

Courses: Outdoor Recreation Management on Public Lands (TRAL 351)	Winter Terms
Parks and Protected Areas Management (TRAL 357)	Fall Terms
Planning for Sustainable Recreation (TRAL 456)	Winter Terms
Recreation Ecology (FES 505)	Winter Term 2018, Fall Term 2019
Outdoor Recreation Science (FES 505)	Fall Term 2017, Spring Term 2020

#### Guest Lectures:

PTRM 217: Parks and Outdoor Recreation Management (University of Montana) (2022)  
Seminar – Active Learning in Higher Education (2020)  
FES 520: Posing Research Questions (2016 – 2018)  
NR 201: Managing Natural Resources for the Future (2017 – present)  
CONS 491: Recreation and Tourism Planning (University of British Columbia) (2018)  
NR 325: Scientific Methods for Analyzing Natural Resource Problems (2018)  
ALS 199: Wilderness and the Art of Experience (2017)

### **Utah State University, Logan, UT**

#### *Postdoctoral Teaching Associate*

Courses: Recreation Use Monitoring & Assessment (ENVS 4550)	2016
Recreation Policy & Planning (ENVS 4130)	2016
Recreation Policy & Planning (ENVS 6130)	2016
Human Behavior in Wildlands (ENVS 4500)	2015
Human Behavior in Wildlands (ENVS 6500)	2015
Fundamentals of Recreation Resources Management (ENVS 3300)	2015

#### *Graduate Student Instructor*

Courses: Human Dimensions of Natural Resource Management (ENVS 4000)	2012
Human Behavior in Wildlands (ENVS 4500)	2013

#### *Teaching Assistant*

Courses: Wildland Recreation Behavior (ENVS 4500)	2009 – 2011, 2014
Natural Resources Interpretation (ENVS 4600)	2014

**The Academy, Appleton, WI**

*High School Science Teacher* 2006 – 2008

- Courses: Cambridge International Curriculum for IGCES Chemistry and AS/A Biology

*Middle School Science Teacher* 2007 – 2008

- Courses: Cambridge Checkpoint Curriculum for chemistry, biology, and physics

*Physical Education Teacher* 2007 – 2008

- Courses: General physical education to elementary and middle school students

**The Pennsylvania State University, Biology Department**

*Teaching Assistant* 2005 – 2006

Courses: Biology: Basic Concepts and Biodiversity (BIOL 110)  
Populations and Communities (BIOL 220)

**MENTORING AND ADVISING**

POSTDOCTORAL SCHOLARS

Evan Bredeweg, Ph.D. (2019 – 2022)

GRADUATE MAJOR ADVISOR

*Completed (chronological order)*

Carli (Ewert) Schoenleber (M.S. Forest Ecosystems and Society, completed 2019)  
Danielle Matthews (Master of Natural Resources, completed 2020)  
Jenna Baker (M.S. Forest Ecosystems and Society, completed 2020)  
Elise Corcoran (Master of Natural Resources, completed 2021)  
Zachary Shelow (Master of Natural Resources, completed in 2022)  
Nate Schmidt (Master of Natural Resources, completed 2023; co-advised with Ian Munanura)  
Susie (Irizarry) Sidder (Ph.D. student, Forest Ecosystems and Society, completed 2023; co-advised with Troy Hall)

*In Progress (alphabetical order)*

Tommy Diehl (Master of Natural Resources, in progress, co-advised with Mark Needham)  
Lara Jacobs (Ph.D. student, Forest Ecosystems and Society, in progress)  
Kira Minehart (Ph.D. student, Environmental Sciences, in progress)  
Grayson Murphy (Master of Natural Resources, in progress)  
Kevin VanDerWende (Master of Natural Resources, in progress)

GRADUATE COMMITTEES

*Completed (chronological order)*

Brad Beaubien (Master of Natural Resources, Oregon State University, complete 2017)  
Jaclyn Rushing (M.S. Forest Ecosystems and Society, Oregon State University, completed 2017)  
Joshua Petter (M.S. Forest Ecosystems and Society, Oregon State University, completed 2018)  
Jennifer Womack (Master of Natural Resources, Oregon State University, completed 2018)  
Antonio Fuentes (Ph.D. Transportation Infrastructure and Systems Engineering, Virginia Tech, completed 2019)

Noah Creany (M.S. Human Dimensions of Ecosystem Science and Management, Utah State University, completed 2019)  
Alex Villatta (Master of Natural Resources, Oregon State University, completed 2019)  
Andrew Carrier (Master of Natural Resources, Oregon State University, completed 2020)  
John Caveny (Master of Natural Resources, Oregon State University, completed 2020)  
Lauren Claussen (Master of Natural Resources, Oregon State University, completed 2021)  
Robin Graham (M.S. Human Dimensions of Ecosystem Science and Management, Utah State University, completed 2021)  
Frankie Bowers (Master of Natural Resources, Oregon State University, completed 2021)  
Rebecca Miller (Master of Natural Resources, Oregon State University, completed 2021)  
Alison McKenzie Lay (Master of Natural Resources, Oregon State University, completed 2022)  
William Miller (Master of Natural Resources, Oregon State University, completed 2022)  
Bettina Spornbauer (M.S. Human Dimensions of Natural Resources, Utah State University, completed 2022)  
Michael Dwyer (Master of Natural Resources, Oregon State University, completed 2022)  
Lydia Gorrell (M.S. Forest Ecosystems and Society, Oregon State University, completed 2022)  
Jenna Diebel (Master of Natural Resources, Oregon State University, completed 2023)

*In Progress (alphabetical order)*

Casey Arndy (Master of Natural Resources, Oregon State University, in progress)  
Kiley Barber (Master of Forestry, Oregon State University, in progress)  
Parker Grand (Master of Natural Resources, Oregon State University, in progress)

GRADUATE COUNCIL REPRESENTATIVE

*Completed (chronological order)*

Francisco Guerrero-Bolano (Ph.D. Sustainable Forest Management, Oregon State University, completed 2018)  
Liam Gilson (M.S. Sustainable Forest Management, Oregon State University, completed 2020)  
Steven M. Johnson (Ph.D. Geography, Oregon State University, completed 2021)  
Lucie Law (M.S. Sustainable Forest Management, Oregon State University, completed 2021)  
Katherine McCool (M.S. Sustainable Forest Management, Oregon State University, completed 2022)  
Mark Kerstens (M.S. Sustainable Forest Management, Oregon State University, completed 2022)  
Isabel Justiniano (M.S. Human Dimensions of Wildlife Science, Oregon State University, completed 2023)

*In Progress (alphabetical order)*

Olivia Cameron (M.S. Geography, Oregon State University, in progress)  
Claudio Guevara (Ph.D. Sustainable Forest Management, Oregon State University, in progress)  
Ashley Lowe (Ph.D. Applied Economics, Oregon State University, in progress)  
Megan Sampognaro (M.S. Sustainable Forest Management, Oregon State University, in progress)  
Jennifer Van Brocklin (M.S. Wildlife Science, Oregon State University, in progress)

UNDERGRADUATE HONOR THESIS ADVISOR

Jensen Davis (HBS Mechanical Engineering, Oregon State University, in progress)  
Julia Rankin (HBS Environmental Science, Oregon State University, in progress)

UNDERGRADUATE HONOR THESIS COMMITTEES

Tara Dunn (HBS Natural Resources, Oregon State University, completed 2018)

Maia Insinga (HBS Psychology, Oregon State University, completed 2021)  
Joshua Kesling (HBS Natural Resources, Oregon State University, in progress)

#### UNDERGRADUATE RESEARCH MENTORING PROGRAMS

Morgan DeMeyer, College of Forestry Mentored Employment Program (2016 – 2017)  
Maya Taylor-Dunibilo, College of Forestry Mentored Employment Program (2018 – 2019)  
Bailey Hibbert, College of Engineering/College of Education, NSF-STEM program (2019)  
Hailey Light, College of Forestry Mentored Employment Program (2019 – 2020)  
Andrea Jacobs, College of Forestry Mentored Employment Program (2020 – 2021)  
Camille Ottoman, College of Forestry Mentored Employment Program (2021 – 2022)  
Zena Greenwald, College of Forestry Mentored Employment Program (2021 – 2022)  
Opal Christian, College of Agriculture Leadership Academy (2021 – 2022)  
Josie Wolf Faris, College of Agriculture Leadership Academy (2022 – present)  
Joshua Kesling, College of Forestry Mentored Employment Program (2022 – present)  
Nick Mcclaskey, College of Forestry, OSU STEM Leaders Program (2022 – present)

#### **PUBLICATIONS**

##### PEER REVIEWED JOURNAL ARTICLES

(^indicates graduate student I supervised)

##### In Press

- Sidder, S.A.^, **D’Antonio, A.**, Hall, T.E., Dinkins, J.B., Bredeweg, E.M., Monz, C.A., (*in press*). Can we predict visitor movement? Using step selection function analysis to map high probability camping areas in a remote Alaskan wilderness. *Journal of Landscape and Urban Planning*.

##### In Review

- Gorrell, L., Shen, X., MacDonald, M., Logan, S.W., Hatfield, B., Parkinson, C., **D’Antonio, A.**, Massey, W., (*in review, submitted 5/4/2023*). Children's outdoor play, physical activity, screen use, and emotional wellbeing during a public health crisis. *Leisure Sciences*.
- Sidder, S.A.^, Hall, T.E., **D’Antonio, A.**, (*in review, submitted 7/29/2022*). Using animal movement theory to inform visitor movement research: Integrating movement ecology and hierarchical habitat selection for outdoor recreation contexts. *Society and Natural Resources*.

##### Published

1. Spornbauer, B.S., Monz, C., **D’Antonio, A.**, Smith, J.W., (*in press*). Factors including informal trail conditions: Implications for management and research in Urban-Proximate parks and protected areas. *Journal of Landscape and Urban Planning*, 231, 104661.
2. **D’Antonio, A.**, Monz, C., Crabb, B., Baggio, J., Howe, P. (2022). Proof of concept study using GPS-based tracking data to build agent-based models of visitors’ off-trail behavior in nature-based tourism settings. *Applied Geography*. 41, 102771.

3. Rushing, J. R., **D'Antonio, A.**, Needham, M. D. (2022). Spatial Patterns of Constraints to Park Visitation among Urban Populations. *Leisure Sciences*, 44 (8), 1033-1059.
4. Schoenleber<sup>^</sup>, C. **D'Antonio, A.**, Hall, T. (2022). Are signs enough? Using normative and narrative messaging to protect the Western Snowy Plover (*Charadrius nivosus*) in Coastal Oregon. *Journal for Nature Conservation*. 69, 126251.
5. Sharaievska, I., McAnirlin, O., Browning, M.H., Larson, L.R., Mullenbach, L., Rigolon, A., **D'Antonio, A.**, Cloutier, S., Thomsen, J., Metcalf, E.C. and Reigner, N. (2022). "Messy transitions": Students' perspectives on the impacts of the COVID-19 pandemic on higher education. *Higher Education*, 1-18.
6. Larson, L. R., Mullenbach, L. E., Browning, M. H., Rigolon, A., Thomsen, J., Metcalf, E. C., Reigner, N.P., Sharaievska, I., McAnirlin, O., **D'Antonio, A.**, Cloutier, S., Helbich, M., Labib, S. M. (2022). Greenspace and park use associated with less emotional distress among college students in the United States during the COVID-19 pandemic. *Environmental Research*, 204 (D), 112367.
7. Baker<sup>^</sup>, J, **D'Antonio, A.**, Monz, C., Taff, B.D., Rice, W., Newton, J., Newman, P., Miller, Z., 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.
8. Creany, N., Monz, C.A., **D'Antonio, A.**, Sisneros-Kidd, A., Wilkins, E., Nesbitt, J., Mitrovich, M. (2021). Estimating trail use and visitor spatial distributions using mobile device data: An example from the Nature Reserve of Orange County, California, USA, *Environmental Challenges*, 4, 100171.
9. Weststrom, S., Creany, N., Monz, C., Miller, A., **D'Antonio, A.** (2021). The effect of a vehicle diversion traffic management strategy on spatio-temporal park use: A study in Rocky Mountain National Park, Colorado, USA. *Journal of Park and Recreation Administration*, 39(2), 83-97.
10. Browning, M. H., Larson, L. R., Sharaievska, I., Rigolon, A., McAnirlin, O., Mullenbach, L., Cloutier, S., Vu, T.U., Thomsen, J., Reigner, N., Metcalf, E.C., **D'Antonio, A.**, Helbech, M., Bratman, G.N., & Alvarez, H. O. (2021). Psychological impacts from COVID-19 among university students: Risk factors across seven states in the United States. *PloS one*, 16(1), e0245327.
11. Drage, E., Rice, W.L., Miller, Z.D., Newton, J.N., **D'Antonio, A.**, Newman, P., Taff, B.D. (2021). Mapping Spatial Dimensions of Wilderness Recreation Outcomes: A Study of Overnight Users. *Journal on Protected Mountain Areas Research and Management*, 13(1), 31–40.
12. Sisneros-Kidd, A., **D'Antonio, A.**, Monz, C., Mitovich, M. (2021). Improving understanding and management of the complex relationship between visitor motivations and spatial behaviors in parks and protected areas. *Journal of Environmental Management*, 280, 111841.
13. **D'Antonio, A.**, Taff, B.D., Baker<sup>^</sup>, J., Rice, W.L., Newton, J.N., Miller, Z.D., Newman, P., Monz, C., Freeman, S. (2021). Integrating aspatial visitor questionnaire data with multiple geospatial methodologies to improve visitor management: An example from Grand Teton National Park, WY, USA. *Journal of Park and Recreation Administration* (Special Issue: Innovative Methodologies in Park and Recreation Management), 39(1), 67-84.

14. Perry, E.E., Thomsen, J.N., **D'Antonio, A.**, Morse, W., Reigner, N., Leung, Y-F, Wimpey, J., Taff, B.D. (2020). Toward an integrated model of topical, spatial, and temporal scales of research inquiry in park visitor use management. *Sustainability* 12(15), 6183.
15. Petter, J., Ries, P., **D'Antonio, A.**, Contreras, R. (2020). A Tree Selection Survey of Tree City USA Designated Cities in the Pacific Northwest. *Arboriculture & Urban Forestry*, 46(5). 371–384.
16. Petter, J., Ries, P., **D'Antonio, A.**, Contreras, R. (2020). How Are Managers Making Tree Species Selection Decisions in the Pacific Northwest of the United States? *Arboriculture & Urban Forestry*, 46(2), 148–161.
17. Rice, W. L., Taff, B. D., Miller, Z. D., Newman, P., Zipp, K. Y., Pan, B., Newton, J. & **D'Antonio, A.** (2020). Connecting motivations to outcomes: A study of park visitors' outcome attainment. *Journal of Outdoor Recreation and Tourism*, 29, 100272.
18. Pettebone, D., **D'Antonio, A.**, Sisneros-Kidd, A., Monz, C. (2019). Modeling visitor use on high elevation mountain trails: An example from Longs Peak in Rocky Mountain National Park, USA. *Journal of Mountain Science*, 16(12), 2882-2893.
19. Rushing, J. R., Needham, M. D., **D'Antonio, A.**, Metcalf, E. C. (2019). Barriers to attachment? Relationships among constraints, attachment, and visitation to urban parks. *Journal of Outdoor Recreation and Tourism*, 27, 100228
20. Monz, C., Mitrovich, M., **D'Antonio, A.**, Sisneros-Kidd, A. (2019). Using Mobile Device Data to Estimate Visitation in Parks and Protected Areas: An Example from the Nature Reserve of Orange County, California. *Journal of Park and Recreation Administration*, 37(4), 92-109.
21. Fuentes, T., Heaslip, K., Sisneros-Kidd, A., **D'Antonio, A.**, Kelarestaghi, K.B. (2019). A decision tree approach to predicting vehicle stopping from GPS tracks in a National Park scenic corridor. *Transportation Research Record*. 2673(3), 86-96.
22. Rice, W., Taff, B.D., Newman, P.B., Miller, Z.D., **D'Antonio, A.L.**, Baker, J.T.^, Monz, C., Newton, J.N. (2019). Grand Expectations: Understanding Outcome Interference in Grand Teton National Park. *Journal of Park and Recreation Administration*. 37(2), 26-44.
23. Fuentes, T., Heaslip, K., Kidd, A., **D'Antonio, A.** (2019) Evaluating National Park entrance station queues: A case study in Grand Teton National Park. *Case Studies on Transport Policy*. 7(2), 363-374.
24. Taff, B.D., Benfield, J., Miller, Z., **D'Antonio, A.**, Schwartz, F. (2019). The role of recreation impacts on cultural ecosystem services. *Environments*. 6(4), 43.
25. Schwartz, F., Taff, B. D., Lawhon, B., Pettebone, D., Esser, S., **D'Antonio, A.** (2019). Leave No Trace bouldering ethics: Transitioning from the gym to the crag. *Journal of Outdoor Recreation and Tourism*. 25, 16-23.
26. Newton, J.N., Newman, P., Taff, B.D., Shr, Y-H., Monz, C., **D'Antonio, A.** (2018) If I can find a parking spot: A stated choice approach to Grand Teton National Park visitors' transportation



preferences. *Journal of Outdoor Recreation and Tourism*. Online Only.  
<https://doi.org/10.1016/j.jort.2018.04.001>

27. Kidd, A., **D'Antonio, A.**, Monz, C., Heaslip, K., Taff, D., Newman P. (2018) GPS-based classification of vehicular behavior patterns in a protected area setting. *Journal of Outdoor Recreation and Tourism*. 36 (1), 69-89.
28. Gutzwiller, K., **D'Antonio, A.**, Monz, C. (2017) Quantifying recreation disturbance for broad-scale predictive modeling and management. *Frontiers in Ecology and the Environment* 15 (9), 517-524.
29. Newton, J.N., Newman, P., Taff, D., **D'Antonio, A.**, Monz, C. (2017). Spatial temporal dynamics of vehicle stopping behavior along a rustic park road. *Applied Geography*, 88, 94-103.
30. Fuentes, T., Heaslip, K., **D'Antonio, A.** (2017) Grand Teton National Park: Laurence S. Rockefeller Reserve (LSR) parking queue evaluation. *Transportation Research Record*, 2654, 1-10.
31. **D'Antonio, A.**, Monz, C., Larson, N., Rohman, A. (2016) An application of recreation resource assessment techniques to inform management action in an urban-proximate natural area. *Journal of Outdoor Recreation and Tourism*, 14, 12-21.
32. **D'Antonio, A.**, Monz, C. (2016) The influence of visitor use levels on visitor spatial behavior in off-trail areas of dispersed recreation use. *Journal of Environmental Management*, 170, 79-87.
33. Monz, C., **D'Antonio, A.**, Lawson, S., Barber, J., Newman, P. (2016). The ecological implications of visitor transportation in parks and protected areas: Examples from research in US National Parks. *Journal of Transport Geography*, 51, 27-35
34. Kidd, A., Monz, C., **D'Antonio, A.**, Manning, R.E., Reigner, N., Goonan, K., Jacobi, C. (2015). The effects of minimum impact education on visitor behavior: An experimental investigation using GPS-based tracking. *Journal of Environmental Management*. 162, 53-62.
35. **D'Antonio, A.**, Monz, C., Lawson, S., Newman, P., Taff, D. (2013). Enhancing the utility of visitor impact assessment in parks and protected areas: A combined social-ecological approach. *Journal of Environmental Management*, 124, 72-81.
36. **D'Antonio, A.**, Monz, C, Lawson, S., Newman, P., Taff, D. (2012). The effects of local ecological knowledge, minimum-impact knowledge, and prior experience on visitor perceptions of the ecological impacts of backcountry recreation. *Environmental Management*, 50 (4), 542-554.
37. **D'Antonio, A.**, Monz, C, Lawson, S., Newman, P., Pettebone, D., Courtemanch, A. (2010). GPS-based measurements of backcountry visitors in parks and protected areas: examples of methods and applications from three case studies. *Journal of Park and Recreation Administration*, 28, 42-60.

## EDITOR-REVIEWED JOURNAL ARTICLES

- Jacobs<sup>^</sup>, L., Sidder<sup>^</sup>, S., Baker<sup>^</sup>, J., Bredeweg, E., Allende<sup>^</sup>, R., **D’Antonio, A.** (2021). A Recreation Ecology Perspective of the COVID-19 (SARS-CoV-2) Pandemic: Anticipated Parks and Protected Area Impacts Relating to Visitor Spatial Use, Terrestrial Flora and Fauna, and Management. *Parks Stewardship Forum*, 37 (20), 368-378.
- Invited Special Issue Introduction: **D’Antonio, A.**, (2020). Non-consumptive Recreation & Wildlife Conservation: Coexistence through Collaboration. *California Fish and Wildlife Journal*. (Special Issue: Effects of Non-consumptive Recreation on Wildlife in California), 9 - 10.

## BOOK CHAPTERS

### Peer Reviewed

1. **D’Antonio, A.**, Pettebone, D., Sisneros-Kidd, A., Peterson, B. (*in review*). Levels and Patterns of Visitor Use In: M. Brownlee, W. Freimund, J. Hallo, Z. Miller, and R. Sharp (Eds). *Visitor Use Management in Parks and Protected Areas: Traditions Approaches and Possibilities*
2. Perry, E., Sene-Harper, A., **D’Antonio, A.** (*in review*). Unresolved Challenges. In: M. Brownlee, W. Freimund, J. Hallo, Z. Miller, and R. Sharp (Eds). *Visitor Use Management in Parks and Protected Areas: Traditions Approaches and Possibilities*

### Non-Peer Reviewed

1. **D’Antonio, A.**, Monz, C., Lawson, S., Newman, P., Taff, D. (2014). Resource Conditions in Park Locations Served by Alternative Transportation Systems at Rocky Mountain National Park. In: R. Manning, S. Lawson, P. Newman, J. Hallo, C. Monz (Eds). *Sustainable Transportation in National Parks: From Acadia to Zion*. University Press of New England.

## TECHNICAL REPORTS

### Peer Reviewed

1. **D’Antonio, A.**, Taff, D., Monz, C., Newman, P., Baker<sup>^</sup>, J., Rice, W., Miller, Z. (2019) *Leigh and String Lake Visitor Use Study at Grand Teton National Park – Summer 2018*. Corvallis, OR.
2. **D’Antonio, A.**, Taff, D., Monz, C., Newman, P., Baker<sup>^</sup>, J., Rice, W., Miller, Z. (2018) *Leigh and String Lake Visitor Use Study at Grand Teton National Park – Summer 2017*. Corvallis, OR.
3. Monz, C., **D’Antonio, A.**, Heaslip, K. (2015) *Moose-Wilson Corridor Use Levels, Types, Patterns, and Impacts in Grand Teton National Park: Technical Report – Summer/Fall 2014*. Logan, Utah.
4. Monz, C., **D’Antonio, A.**, Heaslip, K. (2014) *Moose-Wilson Corridor Use Levels, Types, Patterns, and Impacts in Grand Teton National Park: Technical Report – Winter 2014*. Logan, Utah.

5. Monz, C., **D'Antonio, A.**, Heaslip, K. (2014) *Moose-Wilson Corridor Use Levels, Types, Patterns, and Impacts in Grand Teton National Park: Technical Report – Summer/Fall 2013*. Logan, Utah.

Non-Peer Reviewed

1. **D'Antonio, A.**, Winder, S., Wood, S., Spencer, W., (2023). Characterizing Visitor Use at Oregon Department of Forestry Recreation Sites: A Pilot Case Study at Black Rock Mountain Biking Area. Corvallis, Oregon: Oregon State University.
2. **D'Antonio, A.**, Sidder^ S., (2023). Final Data Report for CARE Backcountry Visitor Use Monitoring. Corvallis, Oregon: Oregon State University.
3. Sidder^, S., **D'Antonio, A.** (2020). Summer Visitor Use and Resource Monitoring at Focal Attractions and Trails in Yellowstone National Park: Summer 2019 Data Collection Effort & Repeat Photography Study. Corvallis, Oregon: Oregon State University.
4. Schoenleber, C., Hall, T., **D'Antonio, A.** (2019). Western Snowy Plover Signage Evaluation Report: Oregon Dunes National Recreation Area. Corvallis, Oregon: Oregon State University.
5. Kretser, H.E., **D'Antonio, A.**, Burger, J., Largay, B., Merenlender, A., Nelson, T., Reed, S.E. (2019). Management recommendations for balancing public access and species conservation on protected lands. Wildlife Conservation Society, Americas Program, Bronx, NY.
6. Sisneros-Kidd, A., **D'Antonio, A.**, Creany^, N., Monz, C., Schoenleder^, C. (2019). Recreation Use and Human Valuation on the Nature Reserve of Orange County, California: 2018 and 2019 Data Collection Summary. Logan, Utah: Utah State University.
7. **D'Antonio, A.** (2019). Social Trails Monitoring Summary: 2018 Data Collection, Mt. Jefferson, Mt. Washington, Three Sisters, and Diamond Peak Wilderness Areas. Corvallis, Oregon: Oregon State University.
8. Sidder^, S., **D'Antonio, A.** (2019). Summer Visitor Use and Resource Monitoring at Focal Attractions and Trails in Yellowstone National Park: Summer 2018 Data Collection Effort & Repeat Photography Study. Corvallis, Oregon: Oregon State University.
9. **D'Antonio, A.** (2018) Social Trails Monitoring Summary: 2017 Data Collection, Middle Santiam, Mt. Jefferson, and Three Sisters Wilderness Areas. Corvallis, Oregon: Oregon State University.
10. **D'Antonio, A.**, Sidder, S.^ (2018) Summer Visitor Use and Resource Monitoring at Focal Attractions and Trails in Yellowstone National Park. Corvallis, Oregon: Oregon State University.
11. **D'Antonio, A.**, Hall, T. (2016) US Forest Service Minimum Protocol for Social Trails Monitoring in Wilderness. Corvallis, OR: Oregon State University.
12. **D'Antonio, A.**, Monz, C. (2016) An Assessment of Informal Trails and Visitor-Created Sites in Rocky Mountain National Park, Colorado: Bouldering Impacts in the Chaos Canyon and Emerald Lake Areas. *Technical Report to Rocky Mountain National Park*. Logan, Utah: Utah State University.

13. **D'Antonio, A.** (2013) Understanding Visitor Perceptions of Recreation Resource Impacts: A Comparison of Climber and Hiker Perceptions. *Technical Report to Joshua Tree National Park*. Logan, Utah: Utah State University.
14. Monz, C, **D'Antonio, A.** (2012). Yosemite National Park Meadow Environments Visitor Tracking Study. *Technical Report*. Logan, Utah: Utah State University.
15. **D'Antonio, A.**, Monz, C. (2011) *Trail and Visitor Use Assessment: Swaner EcoCenter Study*. Logan, Utah: Utah State University.

## SCHOLARLY PRESENTATIONS

(\*indicates presenter; ^indicates graduate student,<sup>1</sup>indicates an undergraduate mentee)

## INVITED SEMINARS/LECTURES

- Looney, B., Gareth, H., **D'Antonio\*, A.**, “The effects of trail-based outdoor recreation on squamates in an urban proximate park.” Joint Annual Meeting – Washington Wildlife Society, The Society for Northwestern Vertebrate Biology, Northwestern Partners in Amphibian and Reptile Conservation – Snake Symposium, April 28, 2023, Grand Mound, WA.
- Kesling<sup>1</sup>, J., **D'Antonio\*, A.**, Gareth, H., “A preliminary analysis of the influence of outdoor recreation on freshwater turtles in an urban-proximate park.” Joint Annual Meeting – Washington Wildlife Society, The Society for Northwestern Vertebrate Biology, Northwestern Partners in Amphibian and Reptile Conservation – Turtle Symposium, April 28, 2023, Grand Mound, WA.
- **D'Antonio\*, A.**, “Integrating aspatial and spatial data to improve visitor management & resource protection.” East Cascades Recreation Forum, Washington, January 17, 2023, Virtual.
- **D'Antonio\*, A.**, “Integration aspatial and spatial data to inform sustainable management of national parks.” Oregon China Council, December 12, 2022, Virtual.
- **D'Antonio\*, A.**, “Integrating aspatial and spatial data to improve visitor management & resource protection.” Recreation Responsibly, Washington, October 20, 2022, Virtual.
- **D'Antonio\*, A.**, “How recreation ecology can help us understand – and manage – human and wildlife interactions.” Oregon Society of American Foresters Annual Meeting, April 29, 2022, Virtual.
- Bredeweg\*, E., **D'Antonio, A.**, “How spatial interaction of visitor use & wildlife habitat can inform conservation, management, & planning” NRSS Monthly Webinar Series, National Park Service, February 9, 2022, Virtual.
- **D'Antonio\*, A.**, “Integrating aspatial and spatial data to improve visitor management & resource protection in U.S. National Parks” Boise State Biology Department Seminar, October 28, 2021, Virtual.
- **D'Antonio\*, A.**, “Recreation ecology and marine ecosystems” Oregon State University Ocean11 Marine Club, February 6, 2020, Corvallis, OR.

- **D'Antonio\*, A.**, “Outdoor recreation impacts and management” Oregon Office of Outdoor Recreation, Task Force Meeting, October 10, 2019, Newport, OR.
- **D'Antonio\*, A.**, “Recreation Ecology and wildlife impacts” Oregon State University Fish and Wildlife Club, October 24, 2018, Corvallis, OR.
- **D'Antonio\*, A.**, Sisneros-Kidd, A. “Spatial approaches to monitoring and managing visitor use” Society of Outdoor Recreation Professionals, Webinar Series, October 24, 2018.
- **D'Antonio\*, A.**, Gutzwiller, K., Monz, C., “Using a Broad-scale Spatial Analysis to Balance Use at the Landscape Scale” USDA Forest Service, Integrated Planning for and Management of Recreation and Wildlife Resources Workshop. May 7, 2018, Corvallis, OR.
- **D'Antonio\*, A.**, “Leaving more than footprints: Recreation ecology case studies from America’s National Parks” Department of Recreation Parks and Tourism, Fall Seminar Series, Pennsylvania State University. December 1, 2017, State College, PA.

### CONFERENCE PRESENTATIONS

#### 2022

- Bredeweg\*, E., **D'Antonio, A.**, Esser, S., Shifting fragmentation patterns as a result of predicted visitor use-levels of habitat in Rocky Mountain National Park, Colorado: Creating management tools from machine learning methodologies, visitor monitoring data, and wildlife habitat.” International Association for Landscape Ecology – North American Regional Chapter Annual Meeting. April 11 – 14, 2022, Virtual. (Oral Presentation)

#### 2021

- Miller, A.B., Hall, T., **D'Antonio, A.**, Raschke, A.B. “Women and Leadership in Outdoor Recreation Research and Management” Basecamp Conference and Workshop: The Science of Outdoor Recreation Management in the American West. November 7 – 9, Tucson, AZ. (Panel Discussion)
- Bredeweg, E\*, **D'Antonio, A.**, Esser, S., Jacobs, A. “Steps on a Path: An application of Machine Learning using a Random Forest algorithm to predict visitor use on trails in Rocky Mountain National Parks, USA” 10<sup>th</sup> International Conference on Monitoring and Management of Visitors in Recreation and Protected Areas. August 16 – 19, Virtual. (Oral Presentation)
- Sidder.\*^, S, **D'Antonio A.**, Dinkins, J., Monz, C., Westrom, S. “Exploring landscape-scale social and ecological drivers of backcountry sea kayaker campsite selection in Glacier Bay National Park, Alaska, USA” 10<sup>th</sup> International Conference on Monitoring and Management of Visitors in Recreation and Protected Areas. August 16 – 19, Virtual. (Oral Presentation)
- Sidder^, S, , **D'Antonio A.** “Zooming out to focus in: How global recreation ecology perspectives can improve our understanding of the impacts of human recreation and nature-based tourism behaviors” International Association for Society and Natural Resources Conference. June 20 – 24, Virtual. (Session Co-chair)
- **D'Antonio, A\***. “Sharing principles for an Inclusive Classroom with the College of Forestry.” Inclusive Excellence @OSU Showcase. June 4, Virtual. (Poster)

## 2020

- Rice\*, W. L., Taff, B. D., Miller, Z. D., Newman, P., Zipp, K. Y., Pan, B., Newton, J. N., **D'Antonio, A.** "Bridging the gap between motivations and outcomes: Advancing outcomes-focused management in Grand Teton National Park" Academy of Leisure Sciences Conference on Research and Teaching. Feb 11 – 14, Champaign, IL. (Oral Presentation).

## 2019

- Sidder\*^, S., **D'Antonio, A.**, Haas, S., Reid, C. "Successes and Challenges of Visitor-Sourced Repeat Photography for Monitoring Visitor Use and Impacts in Yellowstone National Park" International Symposium on Society and Resource Management. June 2 – 6, Oshkosh, WI. (Poster)
- Baker\*^, J., **D'Antonio, A.**, Taff, D., Newman, P., Monz, C., Rice, W., Miller, Z. "What's 'SUP' with paddlers?: Integrating GIS and social science data to understand differences in spatial behavior among paddlesport users at a popular lake destination" International Symposium on Society and Resource Management. June 2 – 6, Oshkosh, WI. (Oral Presentation)
- Schoenleber\*^, C., **D'Antonio, A.**, Hall, T. "Are signs enough? Using normative and narrative messaging to protect the snowy plover in coastal Oregon" International Symposium on Society and Resource Management. June 2 – 6, Oshkosh, WI. (Oral Presentation)
- Baker\*^, J., **D'Antonio, A.** "What's SUP with paddlers?: Integrating GIS and social science data to understand differences in spatial behavior among paddlesport users at a popular lake destination" Western Forestry Graduate Research Symposium. April 26, Oregon State University, Corvallis, OR. (Oral Presentation)
- Rushing\*^, J.R., **D'Antonio, A.**, Needham, M.D. "Spatial analysis of constraints to urban park visitation among diverse residents in the Portland metropolitan area." National Environment and Recreation Research Symposium (NERR), April 7 – 9, Annapolis, MD. (Oral Presentation)
- **D'Antonio\*, A.**, Bursztyn, N. "Knitting the National Parks as Science Communication" ScienceTalk. April 4 – 5, Portland, OR. (Art & Poster)

## 2018

- **D'Antonio\*, A.**, Sidder, S., Atwell, R., Murphy, A., Meakins, K. "Utilizing citizen science to monitor visitor use and resource impacts at key locations in Yellowstone National Park" 14<sup>th</sup> Biennial Scientific Conference on the Greater Yellowstone Ecosystem. September 11 – 14, Big Sky, MT. (Oral Presentation)
- Rice\*, W., Taff, D., Miller, Z., 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" 14<sup>th</sup> Biennial Scientific Conference on the Greater Yellowstone Ecosystem. September 11 – 14, Big Sky, MT. (Oral Presentation)
- Sidder\*^, S., **D'Antonio, A.**, Mills, S., Bramblett, A., Murphy, A. "Quantifying the human footprint: Exploring the extent and condition of social trails and impacted areas at parkwide and site-level scales" 14<sup>th</sup> Biennial Scientific Conference on the Greater Yellowstone Ecosystem. September 11– 14, Big Sky, MT. (Oral Presentation)

- Baker<sup>\*</sup>, J., **D'Antonio, A.**, Taff, D., Newman, P., Monz, C., Rice, W., Miller, Z., Newton, J. "What's scale got to do with it?: The importance of scale when measuring experience, impacts, and behaviors of users at popular recreation sites" 14<sup>th</sup> Biennial Scientific Conference on the Greater Yellowstone Ecosystem. September 11 – 14, Big Sky, MT. (Oral Presentation)
- **D'Antonio<sup>\*</sup>, A.**, Sisneros-Kidd, A. "Social-Ecological Systems and Outdoor Recreation: Concepts, Models, and Management Implications." 24<sup>th</sup> International Symposium on Society and Resource Management. June 17-21, Salt Lake City, UT. (Oral Presentation)
- Sisneros-Kidd<sup>\*</sup>, A., **D'Antonio, A.** "Parks and Protected Areas as Social-Ecological Systems: Methods & Lessons from Outdoor Recreation." 24<sup>th</sup> International Symposium on Society and Resource Management. June 17 – 21, Salt Lake City, UT. (Session Co-chair).
- **D'Antonio<sup>\*</sup>, A.**, Sisneros-Kidd, A. "How People Affect Parks: Unraveling the Complexities of Visitors' Spatial Behavior and Ecological Conditions." 24<sup>th</sup> International Symposium on Society and Resource Management. June 17 – 21, Salt Lake City, UT. Session Chair. (Oral Presentation)
- Sidder<sup>\*</sup>, S., **D'Antonio, A.** "Over-coming the funding gap: Harnessing the power of technology, volunteerism, and citizen science to implement monitoring programs in Yellowstone National Park" 24<sup>th</sup> International Symposium on Society and Resource Management. June 17 – 21, Salt Lake City, UT. (Poster)
- Ewert<sup>\*</sup>, C., Sisneros-Kidd, A., **D'Antonio, A.**, Monz, C., Creany, N., "A GPS-tracking based behavioral analysis of two motivational hiker typologies in Orange County and how these distinct typologies impact sensitive Southern California vegetation and wildlife habitats." 24<sup>th</sup> International Symposium on Society and Resource Management. June 17 – 21, Salt Lake City, UT. (Oral Presentation)

## 2017

- **D'Antonio<sup>\*</sup>, A.**, Gutzwiller K., Monz, C. "Landscape ecology meets recreation ecology: Quantifying broad-scale spatial patterns of wildland recreation disturbance." Ecological Society of America Meeting. August 6 – 11, Portland, OR. (Oral Presentation)
- **D'Antonio<sup>\*</sup>, A.**, Irizarry, S., "Leveraging GPS tracking for improved decision-making: Innovative analysis and expanded visitor and resource management applications." George Wright Society Conference on Parks, Protected Areas, and Cultural Sites. April 2 – 7, Norfolk, VA. Session Co-chair. (Oral Presentation)
- Kidd<sup>\*</sup>, A., **D'Antonio, A.**, Monz, C., Heaslip, K., Taff, D., & Newman, P. "A GPS-Based Classification of Visitors' Vehicular Behavior in a Protected Area Setting", George Wright Society Biennial Conference on Parks, Protected Areas, and Cultural Sites. April 2 – 7, Norfolk, VA. (Oral Presentation)
- **D'Antonio<sup>\*</sup>, A.**, Monz, C., "Does use-level influence visitors' off-trail behavior in ways that are socially and ecologically important?" Presentation. George Wright Society Conference on Parks, Protected Areas, and Cultural Sites. April 2 – 7, Norfolk, VA. (Oral Presentation)
- **D'Antonio<sup>\*</sup>, A.**, Monz, C., Crabb, B. "Improving predictability in visitor use and natural resource management using agent-based models of hiker movement." George Wright Society

Conference on Parks, Protected Areas, and Cultural Sites. April 2 – 7, Norfolk, VA. (Oral Presentation)

- **D'Antonio\*, A.**, Monz, C., Kidd, A., Graham, R., “The importance of monitoring resource impacts from emergent activities: Lessons from bouldering use in the Bear Lake Road Corridor.” Rocky Mountain National Park's Biennial Research Conference. March 1 – 3, Estes Park, CO. (Oral Presentation)

#### 2016

- **D'Antonio\*, A.**, Monz, C., Newman, P., Heaslip, K., Taff, D., Noon, D., Newton, J., Kidd, A., Fuentes, A., “A collaborative, systems-based approach to visitor use planning: An example from the Moose-Wilson Corridor in Grand Teton National Park.” 13th Biennial Scientific Conference of the Greater Yellowstone Ecosystem. October 4 – 6, Jackson, WY. (Oral Presentation)

#### 2015

- **D'Antonio\*, A.**, Monz, C., Newburger, T. “Dispersed recreation in Yosemite National Park, CA: Understanding visitor use patterns and the implications for management.” The 2015 George Wright Society Conference on Parks, Protected Areas and Cultural Sites. March 29 – April 3, Oakland, CA. (Oral Presentation)
- Kidd\*, A., Monz, C., **D'Antonio, A.**, Reigner, N., Manning, R., Goonan, K., Jacobi, C. “An Experimental Investigation of the Effect of Minimum Impact Education on Visitor Behavior“, George Wright Society Biennial Conference on Parks, Protected Areas, and Cultural Sites. March 29 – April 3, Oakland, CA. (Oral Presentation)
- **D'Antonio\*, A.**, Monz, C., Newburger, T. “Dispersed recreation in Yosemite National Park, CA: Understanding visitor use patterns and the implications for management.” The 2015 Science for Parks, Parks for Science: The Next Century Summit. March 25 – 27, Berkeley, CA. (Oral Presentation)

#### 2014

- **D'Antonio\*, A.**, Monz, C., Newburger, T. “Dispersed recreation in Yosemite National Park, CA: Understanding visitor use patterns and the implications for management.” The 2014 North American Congress for Conservation Biology. July 13 – 15, Missoula, MT. (Oral Presentation)
- Kidd\*, A., Monz, C., **D'Antonio, A.**, Goonan, K., Manning, R., Reigner, N., Jacobi, C. “Does Minimum Impact Visitor Education Influence Visitor Behavior? An Experimental Investigation”, Northeastern Recreation Research Symposium. April 6 – 8, Cooperstown, NY. (Oral Presentation)

#### 2013

- **D'Antonio\*, A.**, Monz, C. “Understanding Visitor Perceptions of Recreation Resource Impacts: Comparing Climbers and Hiker Perceptions in Joshua Tree National Park, California.” The 2013 George Wright Society Conference on Parks, Protected Areas and Cultural Sites. March 11 – 15, Denver, CO. (Oral Presentation)

#### 2012

- **D'Antonio\*, A.**, Monz, C. “Using Traditional Recreation Management Techniques in an Urban-Proximate Natural Area: A Case Study from the Swaner Preserve.” Land Trust Alliance Rally. October 1 – 2, 2012. Salt Lake City, UT. (Poster)

#### 2011

- **D'Antonio\*, A.**, Monz, C. “Understanding the Visitor Experience in Rocky Mountain National Park.” Intermountain Graduate Research Symposium. March 30 – 31, Logan, UT. (Oral Presentation)



- **D’Antonio\*, A.**, Monz, C., Lawson, S., Newman, P., Taff, D. “An Assessment of Visitor Perceptions of Recreation Resource Impacts In The Bear Lake Corridor Of Rocky Mountain National Park.” 16<sup>th</sup> International Symposium on Society & Resource Management. June 6 – 10, Corpus Christi, TX. (Oral Presentation)

## 2010

- **D’Antonio\*, A.**, Monz, C., Lawson, S., Newman, P., Taff, D. “An Assessment of Visitor Perceptions of Recreation Resource Impacts In The Bear Lake Corridor Of Rocky Mountain National Park.” 2010 Research Conference Rocky Mountain National Park. March 30 – 31, Estes Park, Colorado. (Oral Presentation)

## 2009

- **D’Antonio\*, A.**, Monz, C., Lawson, S., Hockett, K., Logan, P., Newman, P., Hallo, J. “Utilizing GPS-based measurements of visitor behavior in parks and protected areas: Limitations and opportunities.” The 2009 George Wright Society Conference on Parks, Protected Areas and Cultural Sites. March 2 – 6, Portland, OR. (Oral Presentation)

## **SERVICE**

### UNIVERSITY SERVICE

<b>Student Experience Customer Relationship Management Work Group</b> <i>Classroom Connection Work Group Member</i>	2022 – present
<b>Award Reviewer</b> <i>Excellence in Undergraduate Research Mentoring by Graduate Student or Postdoc</i>	2021
<b>Faculty Senate, Oregon State University</b> <i>College of Forestry Senator</i>	2021 – present
<b>Undergraduate Research Ready Panel, Oregon State University</b> <i>Panel Member</i>	2019 – 2021
<b>Beaver Preview Days, Oregon State University</b> <i>Presenter</i>	2019 – 2022
<b>Beaver Connect (formally FSMP) Program, Oregon State University</b> <i>Faculty Mentor</i>	2018 – present
<b>Fall Welcome Week, Oregon State University</b> <i>Panel Member, College of Forestry Panel</i> <i>Panel Member, Transfer Student Panel</i>	2018 – 2019
<b>Spring Family Weekend, Oregon State University</b> <i>Presenter</i>	2018
<b>Outdoor Summit, Oregon State University</b> <i>Panel Member</i>	2017

## COLLEGE SERVICE

<b>DEI Task Force Workshop – Crafting an Inclusive Syllabus</b> <i>Co-creator and Facilitator</i>	2023
<b>Graduate Student Council Retreat</b> <i>Inclusive Teaching Workshop</i>	2023
<b>Environmental Leadership Youth Camp</b> <i>Planning Assistance &amp; Speaker</i>	2022
<b>Commencement Marshall</b> <i>Lead Undergraduate Marshall</i>	2022
<b>Dean’s Awards</b> <i>Nomination Reviewer for 2021 Awards</i>	2021
<b>Annual Ring</b> <i>Demonstration/Presentation</i>	2021
<b>DEI Workshop – Inclusive Pedagogy: Creating A Welcoming Classroom</b> <i>Workshop Creator and Facilitator</i>	2021
<b>Adopt a Community College</b> <i>Connection for Shasta &amp; Butte Community College</i>	2020 – 2022
<b>DEI Curriculum and Pedagogy Taskforce</b> <i>Chair (2021 – present)</i> <i>Member (2020 – 2021)</i>	2020 – present
<b>Stay at Home Lecture Series, College of Forestry</b> <i>Presenter</i>	2020
<b>Dean’s Search Committee, College of Forestry</b> <i>Committee Member</i>	2019
<b>Elliott State Research Forest Exploratory Committee, College of Forestry</b> <i>Committee Member</i>	2019 – 2021
<b>Science Communication Workshop, College of Forestry, Graduate Student Council</b> <i>Workshop Development</i>	2019
<b>Explore Your Forest, College of Forestry</b> <i>Outreach Activity Development</i>	2019
<b>Volunteer Judge, College of Forestry</b> <i>Senior Awards, Temporary Replacement Member</i> <i>Western Forestry Graduate Research Symposium, Corvallis, OR</i> <i>Student Presentations</i>	2018 2017 – present

<b>STEM Academy</b> , College of Forestry <i>Outreach Activity Development</i>	2017 – 2018
<b>Recruitment and Retention Workgroup</b> , College of Forestry <i>TRAL/FES Representative</i>	2017 – 2019
<b>Academic Advisor Search Committee</b> , College of Forestry <i>Committee Member</i>	2017
<b>Starker Lecture Series</b> , College of Forestry <i>Selection Committee, Recreation-themed Series (2017)</i> <i>Organizer and Moderator, Recreation Panel (2021)</i> <i>Mentoring Activity Facilitator, Women in Forestry (2022)</i>	2016 – 2017; 2021 – 2022

#### DEPARTMENT SERVICE

<b>Staffing Committee</b> <i>Member</i>	2023
<b>Department Head Search Committee</b> <i>Committee Member</i>	2022 – 2023
<b>Assistant Professor of Natural Resources Search Committee</b> <i>FES representative on OSU-Cascades committee</i>	2021
<b>Peer Review of Teaching Revision Committee</b> <i>Committee member</i>	2021 – 2022
<b>DEI Workshop – Writing Diversity Statements</b> <i>Panel member</i>	2020
<b>Assistant Professor of Forest Carbon Cycle Search Committee</b> <i>Committee member</i>	2019 – 2020
<b>TRAL Curriculum Committee</b> <i>Committee Member</i>	2016 – present
<b>Peer Review of Teaching Committee</b> <i>Rajat Panwar (2022)</i> <i>Ian Munanura (2017, chair 2022)</i> <i>Christopher Still (2019)</i> <i>Paul Reis (2019)</i>	2017 – present
<b>Promotion and Tenure Committee</b> <i>Xiangyou (Sharon) Shen (2023)</i> <i>Dave Stemper (2019)</i> <i>Seema Mangla (2021)</i>	2017 – present

## PROFESSIONAL SERVICE

<b>Habitat Management Plan for Public Access for the Dana Point Preserve</b> Center for Natural Lands Management <i>Expert Reviewer</i>	2023
<b>Elected Board Member</b> , George Wright Society <i>Committee Assignments: Conference/Workshops Committee &amp; Program Committee</i> <i>Ad Hoc Committees: Strategic Development Planning</i>	2022 – present
<b>Editorial Board Member</b> , Society and Natural Resources	2022 – present
<b>Roundtable Discussion on Environmental Impacts of Recreation</b> Science Policy, Education, Advocacy, and Research Panel (University of Georgia) <i>Panelist</i>	2021
<b>Recreation Planning Panel (Part I) &amp; Public Meeting (Part II)</b> Marin Water, San Francisco, CA <i>Panelist, expert on recreation planning processes (Part I)</i> <i>Facilitator, public meeting (Part II)</i>	2021
<b>Conservation Conversations Panel</b> <i>Panelist, Challenges and solutions to keeping parks and public lands from being loved to death</i>	2020
<b>Visitor Survey Card Program</b> , National Park Service Social Science Program <i>Expert Reviewer for Programmatic Review</i>	2020
<b>Sustainable Recreation Research Workshop – Research Focus Areas White Paper</b> U.S.D.A. Forest Service, Seattle, WA <i>Reviewer</i>	2019
<b>Book Chapter Reviewer</b> <i>Visitor Use Management in Parks and Protected Areas: Traditional Approaches and Possibilities</i> , M. Brownlee, W. Freimund, J. Hallo, Z. Miller, and R. Sharp (Eds)	2019
<b>Inaugural Science Meeting for Visitor Use Management Research</b> , Clemson University <i>Participant</i>	2018
<b>Recreation and Wildlife Workshop</b> , Wildlife Conservation Society, Santa Rosa, CA <i>Participant</i>	2018
<b>Integrated Planning for and Management of Recreation and Wildlife Resources Workshop</b> U.S.D.A. Forest Service, Corvallis, OR <i>OSU Contact and Volunteer Coordinator</i>	2018
<b>Sustainable Recreation Research Workshop</b> , USDA Forest Service, Golden, CO	2018
<b>Associate Editor</b> , Journal of Park and Recreation Administration	2017 – present

## **Volunteer Judge**

*Ecological Society of America Conference, Portland, OR*  
Student Presentations

2017

## **Journal Reviewer**

<i>Applied Geography</i> (2)	2017 – 2022
<i>California Fish and Wildlife Journal</i> (1)	2019
<i>Canadian Journal of Forestry</i> (1)	2019
<i>Conservation Science and Practice</i> (1)	2019
<i>Current Issues in Tourism</i> (1)	2020
<i>Environmental Management</i> (1)	2016
<i>Frontiers in Ecology and the Environment</i> (1)	2018
<i>International Journal of Environmental Health Research</i> (1)	2017
<i>International Journal of Wilderness</i> (1)	2020
<i>Journal of Environmental Management</i> (4)	2012 – 2019
<i>Journal of Family Studies</i> (1)	2019
<i>Journal of Forestry</i> (1)	2016
<i>Journal of Interpretation Research</i> (1)	2021
<i>Journal of Leisure Research</i> (5)	2018 – 2020
<i>Journal of Mountain Science</i> (1)	2019
<i>Journal of Outdoor Recreation &amp; Tourism</i> (10)	2016 – 2022
<i>Journal of Parks and Recreation Administration</i> (1)	2023
<i>Journal of Sustainable Tourism</i> (1)	2016
<i>Journal of Travel Research</i> (1)	2017
<i>Leisure Sciences</i> (1)	2016
<i>Landscape Research</i> (1)	2022
<i>Park Stewardship Forum</i> (2)	2020
<i>Physical Geography</i> (1)	2020
<i>U.S.G.S. Pre-publication Review</i> (2)	2020, 2022
<i>Society &amp; Natural Resources</i> (2)	2022

## **COMMUNITY SERVICE**

### **Community Volunteer**

<i>Annual Associate of Western Forestry Clubs Conclave</i>	2023
<i>500 Women Scientists – Corvallis Pod (Science Outreach Coordinator)</i>	2021 – 2022
<i>500 Women Scientist – Corvallis Pod (member)</i>	2020 – 2022
<i>Bilingual STEM Night, Lincoln Elementary School, Corvallis, OR</i>	2017
<i>Get Outdoors Day, Corvallis, OR</i>	2017 – present
<i>Spring Roll, Corvallis, OR</i>	2017 – 2018

### **Community Outreach**

Surfrider (Washington Chapter), presentation on recreation ecology (virtual)	2022
Corvallis Rotary Club, invited presentation on knitting and science communication	2022
Tap Talks, 500 Women Scientists Corvallis Pod, public presentation, Corvallis, OR	2022
<i>Title: What science can teach us about loving the Earth while recreating</i>	

Skype a Scientist (6 events to date)	2020 – present
Mid-Valley STEM-CTE Hub, Closing the Gap	2021
<i>Feature Scientist</i>	
Tap Talks, 500 Women Scientists Corvallis Pod, invited presentation, Corvallis, OR	2020
<i>Title: Saving Our National Parks with Science</i>	
Nature Nights, Deschutes Land Trust, invited presentation in Bend, OR	2019
<i>Title: Recreation for Everyone</i>	
Corvallis Rotary Club, invited presentation on academic research	2018
National Park Service Centennial Celebration Knitted Blanket	2015 – 2016
<i>Project conceptualization, design, and implementation</i>	
<i>To-date: Project has raised \$3,200 for National Park Foundation</i>	

## AWARDS & RECOGNITION

*Recipient*, Aufderheide Excellence in Teaching Award, 2021

*Recipient*, Dean's Award – Mentorship of Graduate Students, 2020

*Recipient*, FES Outstanding Faculty Member, 2020

*Recipient*, Quinney College of Natural Resources Utah State Graduate Teacher of the Year, 2013 – 2014

*Recipient*, S.J. & Jessie E. Quinney Graduate Fellowship – M.S. Degree, 2008 – 2010

## PROFESSIONAL AFFILIATIONS

*(Alphabetical)*

George Wright Society (2009 to date), International Association for Society and Natural Resources (2010 to date), Society of Outdoor Recreation Professionals (2020 to date), Ecological Society of America (2016), Society for Conservation Biology (2014 - 2015)

## PROFESSIONAL DEVELOPMENT

- Addressing Microaggressions in Teaching – SJEI Tier 2, Oregon State University (2022)
- Queer and Trans Advocacy: Remind Me Your Pronouns? Knowledge and Skills for LGBTQ Advocacy – College of Forestry Workshop (2022)
- Center for Teaching and Learning (CTL) Book Clubs, Oregon State University: “Teaching about Race and Racism in the College Classroom” by Cyndi Kernahan (2021), Transformative Approaches to Social Justice Education” edited by Nana Osei-Kofi, Bradley Boovy, Kali Furman (2022), “Ungrading” Why Rating Students Undermines Learning (And What To Do Instead)” by Susan Blum (2022), “Inclusive Teaching: Strategies for Promoting Equity in the College Classroom” by Hogan & Sathy (2023)
- Resilient Teaching Summit, Oregon State University (2022)
- It's Not About Being “Good”: Other Ways of Being – SJEI Tier 2, Oregon State University (2022)
- Inclusive Pedagogy Workshop, College of Forestry, Oregon State University (2021)
- Interrupting Bias Workshop (2021)
- Native Perspectives on Public Lands Teach-in – 5-hour Virtual Webinar (2020)
- Creating a Culture of Care Webinar – Oregon State University (2020)

- Implicit Bias Workshop – SJEI Tier 2, Oregon State University (2020)
- Academics for Black Survival and Wellness – 56-hour Virtual Training (2020)
- Science Talk Workshop, Portland, OR (2019)
- Advising for Advisors – Oregon State University (2019)
- Academic Faculty Workshop by CAPS on Student Mental Health (2019)
- Social Justice Education Initiative (SJEI) Tier 1: Part 1 and 2 – Oregon State University (2018 & 2019)
- Creating an Equitable and Culturally Inclusive Classroom Environment – SJEI Tier 2, Oregon State University (2018)
- Data Visualization Workshop – OMSI (2017)
- Grant Writing Workshop – College of Forestry (2016, 2018)
- National ComSciCon Workshop (2015)
- Grant Writing Workshop - Utah State University (2014)

## **CERTIFICATIONS AND TRAINING**

- Inclusive Excellence @OSU Fellow – Oregon State University (2020-2021 Cohort)
- CITI Course in Protection of Human Research Subjects (Current)
- Writing Intensive Curriculum Training – Oregon State University (2016)
- Teaching Assistant Training - Utah State University (2010)

## **CONSULTING/COLLABORATIONS**

- “Watershed Recreation Management Plan – Marin Water” (Alta Planning + Design Inc and Environmental Science Associates). D’Antonio’s Role: Advisory Outside Consultant: 2022 – 2023.
- “Engaging Outdoor Recreationists in the Conservation of Oregon’s Native Freshwater Turtles”. D’Antonio’s Role: Co-PI. Principal Investigator: Gareth Hopkins (Western Oregon University): 2020 – 2023.
- NPS Socioeconomic Research Nationwide Team (NPS IDIQ Contract Team). D’Antonio’s Role: Team Member. Project Leads: Otak, RRC, and ITRR at University of Montana: 2020 – 2025
  - Consulted on feasibility study of using mobile data for visitor use estimation at George Rodgers Clark National Historic Park
- “Impact of Coronavirus on Leisure Behavior and Health”. D’Antonio’s Role: Collaborator on Survey Dissemination and Publications. Principal Investigators: Matthew Browning (Clemson) and Lincoln Larson (North Carolina State): 2020
- “Guide for Outdoor Recreation Use on McKenzie River Trust Lands”. D’Antonio’s Role: Sole Consultant for McKenzie River Trust (Eugene, OR); 2019.
- “A Story of Ice and Fire: A Geological Tour Through Yosemite National Park”. D’Antonio’s Role: Collaborator on Survey Instrument Design and IRB Approval. Principal Investigator: Natalie Bursztyn (Quest University); 2019 – 2020.

- “Rocky Mountain National Park Visitor Use and Transportation Management Study”. D’Antonio’s Role: Consultant on Research Design. Principal Investigator: Christopher Monz (Utah State University); 2017 – 2018.
- “Glacier Bay National Park Backcountry/Wilderness Visitor Use Study”. D’Antonio’s Role: Collaborator on Research Design, Principal Investigator: Christopher Monz, Utah State University; 2016 – 2018.

## PAST RESEARCH PROJECTS

### Postdoctoral Research Fellow

Department of Environment & Society, Utah State University, Logan, UT

*Jotunheimen National Park, Norway* 2016 – 2022

- Assisted Norwegian research team in data collection and study design
- Assessed extent and location of cultural ecosystem services and recreation disturbance

*Rocky Mountain National Park* 2015

- Building predictive GIS model of informal trail proliferation
- Mapping locations and conditions of bouldering-related ecological impacts

### Graduate Research Assistant (Ph.D.)

Department of Environment & Society, Utah State University, Logan, UT

*Grand Teton National Park, Graduate Research Assistant* 2012 – 2015

- Designed and implemented GPS-tracking study of vehicles and pedestrians
- Mapped locations and conditions of parking-related impacts along popular road corridor

*Arapahoe-Roosevelt National Forest, Graduate Research Assistant* 2012 – 2013

- Mapped locations and conditions of resource-related impacts at popular hiking destinations
- Collaborated with managers on GIS-analysis of feasible placement for new trail alignments

*Joshua Tree National Park, Principal Investigator* 2011 – 2013

- Designed study and survey instrument to examine visitor perceptions of resource impacts
- Administered survey and analyzed results to compare hiker and climber perceptions

*Yosemite National Park, Graduate Research Assistant* 2011 – 2013

- Designed and implemented GPS-tracking study to examine dispersed visitor use in meadows
- Designed and executed experimental trampling study to investigate vegetation susceptibility

*Swaner Nature Preserve, Co-Principal Investigator* 2010 – 2011

- Designed and implemented study to evaluate current trail conditions at urban nature preserve
- Designed and administered visitor use survey to evaluate visitor demographics and motivations

### Graduate Research Assistant (M.S.)

Department of Environment & Society, Utah State University, Logan, UT



*Rocky Mountain National Park, Graduate Research Assistant*

2008 – 2010

- Examined visitor use patterns and off-trail impacts using GPS and GIS analysis in day use area
- Designed, administered, and analyzed survey evaluating visitor perceptions of resource impacts