

# Pierce Donovan

(Updated August 2023)

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**Current Position:** (2023-Present)  
Assistant Professor, Economics  
University of Nevada, Reno  
Reno, NV, 06320

Office: AB 318F  
Phone: (775) 682-5444  
Email: pierce.donovan@unr.edu  
Website: piercedonovan.github.io

## Previous Positions

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2022-23	<b>Connecticut College</b> Assistant Professor, Department of Economics
2020-22	<b>Colgate University</b> Visiting Assistant Professor, Department of Economics

## Education

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2020	<b>University of California, Davis</b> <i>Ph.D.</i> Agricultural and Resource Economics Dissertation: Shadow value viability in natural resource economics Committee: Michael Springborn, James Sanchirico, James Wilen Fields: Environment and Natural Resources, Development, Econometrics
2015	<b>Rochester Institute of Technology</b> <i>B.S.</i> Physics and Economics; <i>Minor</i> , Mathematics

## Publications

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(Short abstracts, preprints, data, code and links to the articles below are all available on my website.)

July 2022	<i>Balancing conservation and commerce: A shadow value viability approach for governing bycatch</i> <b>Pierce Donovan</b> and Michael Springborn Journal of Environmental Economics and Management. <a href="#">Link</a>
Aug 2019	<i>Safety in numbers: Cost-effective endangered species management for viable populations</i> <b>Pierce Donovan</b> , Lucas Bair, Charles Yackulic, and Michael Springborn Land Economics 95(3): 435-453. <a href="#">Link</a>
June 2019 Outreach	<i>Maintaining the long-term viability of the humpback chub in the Grand Canyon</i> <b>Pierce Donovan</b> and Michael Springborn ARE Update 22(5): 5-8. <a href="#">Link</a>
Feb 2019	<i>Recreational leasing of Alaska commercial halibut quota: The early years of the GAF program in Alaska</i> Kailin Kroetz, Daniel Lew, James Sanchirico, and <b>Pierce Donovan</b> Coastal Management 47(2): 207-226. <a href="#">Link</a>

## Working Papers

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(Manuscripts for these papers can be found on my website unless they're way out-of-date or in the middle of a substantial edit. Feel free to email me about them. \*Indicates student coauthor.)

	<i>The economic benefits of designer flows in river conservation</i> <b>Pierce Donovan</b> , Matthew Reimer, Michael Springborn, Charles Yackulic, and Lucas Bair
	<i>Cost-effective species viability</i>
R&R, REEP	<i>Visualizing environmental econometrics using directed acyclic graphs</i>
	<i>Finding front doors: Program evaluation with observational data</i>
	<i>Encouraging the defragmentation of habitat across a privately-owned landscape</i>
	<i>An alternative climate policy tool that reflects the scientific consensus</i>

## Other Works in Progress

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(These papers exist, but are not yet circulated. \*Indicates student coauthor.)

	<i>Limited foresight and regime shifts: A rational response to an ambiguous future</i>
	<i>Modal dynamic programming</i>
	<i>Time-scarcity and meaningful voir dire: Lessons from the Sunshine Project</i>

## Conference and Invited Presentations

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	<b>Vizualizing environmental econometrics</b>
Feb 23	AERE Sessions @ Eastern Economics Association (AERE)
	<b>Encouraging the defragmentation of habitat across a privately-owned landscape</b>
June 22	AERE Summer Conference (AERE)
Oct 21	CU Environmental and Resource Workshop (CU Boulder)
Sept 21	Biodiversity and Economics for Conservation Conference (UWYO)
	<b>Balancing conservation and commerce</b>
May 21	World Conference on Natural Resource Modeling (iDiv)
June 20	AERE [Virtual] Summer Conference (AERE)
	<b>Cost-effective population viability</b>
March 20	Southwest Biological Science Center (USGS)
	<b>Integrating commercial and ecological objectives in multi-species fisheries</b>
Aug 19	Camp Resources (NCSU)
	<b>Efficient management and shadow valuation of vulnerable bycatch species</b>
May 19	AERE Summer Conference (AERE)
April 19	Giannini Foundation of Agricultural and Resource Economics Student Conference (Davis)
	<b>A [brief] history of marine fisheries management</b>
Sept 18	Japanese Agricultural Training Program (UC Davis Extension)
	<b>Safety in numbers: Cost-effective endangered species management for viable populations</b>
Sept 18	CU Environmental and Resource Workshop (CU Boulder)
June 18	Western Economics Annual Conference (WEAI)
	<b>Translating population viability analysis</b>
Oct 17	Heartland Environmental and Resource Economics Workshop (UIUC)

## Teaching Experience

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(Syllabi are available on my website. I'm happy to share some of my course material as well.)

	<b>University of Nevada, Reno</b>
2024, 25	ECON 307: Environmental Economics
'23, 24, 25	ECON 441: Introduction to Econometrics
	<b>Connecticut College</b>
2023	ECO 312: Natural Resource Economics
2022, 23	ECO 212: Environmental Economics
2022	ECO 356: Advanced Econometrics
	<b>Colgate University</b>
2022	ECON 375: Applied Econometrics
'20, 21, 22	ECON 228: Environmental Economics
2021	ECON 383: Natural Resource Economics
2020	CORE 143: Introduction to Statistics
	<b>UC Davis</b>
	<i>Associate Instructor</i>
2018	ARE 106: Econometric Theory and Applications
	<i>Teaching Assistant</i>
2020	ARE 175: Natural Resource Economics
2019	ARE 176: Environmental Economics
2018	ESP 162: Environmental Policy
2016	ARE 143: Investments
2016, 17	ARE 106: Econometric Theory and Applications
2016	ARE 100B: Intermediate Microeconomics II
	<b>RIT</b>
	<i>Teaching Assistant</i>
2015	PHYS 111: College Physics I

## Other Scholarship

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	<b>Awards</b>
2022	Nominee, Phi Sigma Eta Professor of the Year
2022	Colgate Torch Medal [x2] (teaching award presented by seniors)
2019	Scott McNiven Community Service Award (UC Davis ARE)
	<b>Grants</b>
2022	Lampert Scholars Program [\$8,500] (Advisee: Max Edelstein)
	<b>Outreach</b>
2021	<i>How to use a VAP position to your advantage</i> (Interview with <i>The Hidden Curriculum</i> ) [Podcast]
	<b>Affiliations</b>
	Associated Faculty, Connecticut College Department of Environmental Studies
	Faculty Fellow, Goodwin-Niering Institute
	AERE Scholar Alumni (Association of Environmental and Resource Economists)
	UC Davis NatuRE Policy Lab Alumni