

Pierce Donovan

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Education

	University of California Davis
2015–20 (Expected)	<i>Doctor of Philosophy</i> , Agricultural and Resource Economics Dissertation: Probabilistic avoidance of thresholds in dynamic optimization Committee: Michael Springborn (Chair), Jim Sanchirico, Jim Wilen Fields: Environment and Natural Resources, Development, Econometrics
	Rochester Institute of Technology
2011–15	<i>Bachelor of Science</i> , Physics <i>Bachelor of Science</i> , Economics <i>Minor</i> , Mathematics
2013	<i>Concentration</i> , Geophysics (University of Auckland) Thesis Adviser (Physics): Joel Shore Thesis Adviser (Economics): Amitrajeet Batabyal

Publications

	<i>Safety in numbers: Cost-effective endangered species management for viable populations</i> Pierce Donovan , Lucas Bair, Charles B. Yackulic, and Michael Springborn Land Economics, <i>Forthcoming</i> .
	<i>Recreational leasing of Alaska commercial halibut quota: The early years of the GAF program in Alaska</i> Kailin Kroetz, Daniel K. Lew, James N. Sanchirico, and Pierce Donovan Coastal Management, <i>Forthcoming</i> .
Jan 2015	<i>Economic growth and investment income taxation in a creative region</i> Pierce Donovan and Amitrajeet Batabyal International Review of Economics and Finance, 38, 67-72.

Works in Progress

A new procedure for valuing and maintaining a viable bycatch stock

Chance-constrained dynamic programming and economic applications
with Michael Springborn

Time-Scarcity and Meaningful Voir Dire

Budget salience as an alternative explanation for Giffen behavior
with Hanbin Lee

Limited foresight: A better modeling approach for deep uncertainty

Presentations

	Safety in numbers: Cost-effective endangered species management for viable populations
Sept 18	CU Environmental and Resource Workshop (CU Boulder)
June 18	Western Economics 93 rd Annual Conference (WEAI)
	A [brief] history of marine fisheries management
Sept 18	Japanese Agricultural Training Program (UC Davis Extension)
	The value of information in population viability problems
March 18	Natural Resource and Policy Lab (UC Davis)
	Translating population viability analysis
Oct 17	Heartland Environmental and Resource Economics Workshop (UIUC)
Sept 17	Natural Resource and Policy Lab (UC Davis)
	Investigating global climate sensitivity
April 15	Physics Capstone Talks (RIT)
	Economic growth in a creative region
April 15	Economics and Public Policy Student Research Conference (RIT)
Aug 14	Undergraduate Research Symposium (RIT)
	Fabrication of Au and Pt micro-crystals
Aug 13	Undergraduate Research Symposium (RIT)

Research Experience

	Graduate Student Researcher (UC Davis)
2018-19	<i>Analysis of the pacific halibut charter fleet in Alaska</i> Collaborators: Dan Lew, Jim Sanchirico Funded by the Alaska Fisheries Science Center
2017-18	<i>Glen Canyon Adaptive Management Program</i> Collaborator: Michael Springborn Funded by the U.S. Geological Survey
	Undergraduate Research (RIT)
2014-15	<i>Investigating Global Climate Sensitivity</i> Adviser: Joel Shore
2014	<i>Creative economy general equilibrium analysis</i> Adviser: Amitrajeet Batabyal
2012	<i>Nano-materials fabrication and analysis</i> Adviser: Michael Pierce

Teaching Experience

	Instructor , UC Davis
Summer 2018	ARE 106: Econometric Theory and Applications
	Teaching Assistant , UC Davis
Winter 2018	ESP 162: Environmental Policy
Summer 2017	ARE 106: Econometric Theory and Applications
Fall 2016	ARE 143: Investments
Summer 2016	ARE 106: Econometric Theory and Applications
Winter 2016	ARE 100B: Intermediate Microeconomics II
	Teaching Assistant , RIT
Spring 2015	PHYS 111: College Physics I