

# Pierce Donovan

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Agricultural and Resource Economics  
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## Education

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	<b>University of California Davis</b>
2015–20 (Expected)	<i>Doctor of Philosophy</i> , Agricultural and Resource Economics Dissertation: Probabilistic avoidance of thresholds in dynamic optimization Committee: Jim Sanchirico, Michael Springborn, Jim Wilen Fields: Environment and Natural Resources, Development, Econometrics
	<b>Rochester Institute of Technology</b>
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

## Works in Progress

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	<i>Chance-constrained dynamic programming and economic applications</i> with Michael Springborn
<i>In Review</i>	<i>Safety in numbers: Cost-effective endangered species management for viable populations</i> with Lucas Bair, Michael Springborn, Charles Yackulic  <i>Recreational leasing of Alaska commercial halibut quota: The early years of the GAF program in Alaska</i> with Kailin Kroetz, Daniel Lew, James Sanchirico  <i>Beyond fat tails: Addressing uncertainty in dynamic environmental management</i>  <i>Time-Scarcity and Meaningful Voir Dire</i>

## Publications

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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.
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## Presentations

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

## Research Experience

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2018-19	<b>Graduate Student Researcher</b> (UC Davis) <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
2014-15	<b>Undergraduate Research</b> (RIT) <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

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Summer 2018	<b>Instructor</b> , UC Davis ARE 106: Econometric Theory and Applications
Winter 2018	<b>Teaching Assistant</b> , UC Davis 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
Spring 2015	<b>Teaching Assistant</b> , RIT PHYS 111: College Physics I