Pierce Donovan

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Agricultural and Resource Economics		Office:	2160 Social Science and Humanities
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Education

University of California Davis

2015–20 (Expected) — *Doctor of Philosophy,* 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 — *Bachelor of Science,* Physics
Bachelor of Science, Economics
Minor, Mathematics

2013 — *Concentration,* Geophysics (University of Auckland)
Thesis Adviser (Physics): Joel Shore
Thesis Adviser (Economics): Amitrajeet Batabyal

Publications

Safety in numbers: Cost-effective endangered species management for viable populations
Pierce Donovan, Lucas Bair, Charles B. Yackulic, and Michael Springborn
Land Economics, *Forthcoming*.

Recreational leasing of Alaska commercial halibut quota: The early years of the GAF program in Alaska
Kailin Kroetz, Daniel K. Lew, James N. Sanchirico, and **Pierce Donovan**
Coastal Management, *Forthcoming*.

Jan 2015 — *Economic growth and investment income taxation in a creative region*
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 93rd 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 *Analysis of the pacific halibut charter fleet in Alaska*
Collaborators: Dan Lew, Jim Sanchirico
Funded by the Alaska Fisheries Science Center

2017-18 *Glen Canyon Adaptive Management Program*
Collaborator: Michael Springborn
Funded by the U.S. Geological Survey

Undergraduate Research (RIT)

2014-15 *Investigating Global Climate Sensitivity*
Adviser: Joel Shore

2014 *Creative economy general equilibrium analysis*
Adviser: Amitrajeet Batabyal

2012 *Nano-materials fabrication and analysis*
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