

AMANDA D. FAIG

PERSONAL INFORMATION

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EDUCATION

September 2013 Advanced to Candidacy
University of California, Davis
Department of Agricultural and Resource Economics
Dissertation: *Economic Implications of Fisheries Induced Evolution*
Committee: Prof. James Wilen (Chair), Prof. James Sanchirico, Prof. Marissa Baskett, & Prof. Michael Springborn

September 2012 Master of Science
University of California, Davis
Department of Agricultural and Resource Economics · GPA: 3.9

November 2010 Bachelor of Science
University of Toronto
Economics Major · GPA: 3.7
Graduated with Honors and High Distinction

May 2010 Bachelor of Science
University of Toronto
Evolutionary Biology Major · GPA: 3.7
Graduated with Honors and High Distinction

WORK IN PROGRESS

The Economic Implications of Fisheries Induced Evolution (with James N. Sanchirico, James E. Wilen, and Marissa L. Baskett)

Managing natural resources for adaptive capacity: The Central Valley Chinook salmon portfolio (with Mike R. Springborn)

RESEARCH EXPERIENCE

Summer 2014 to Present Graduate Student Researcher
Prof. Michael Springborn — University of California, Davis
Working with a team of economists and ecologists on a bio-economic project to examine how multiple anthropogenic activities interact with the ability of complex ecological systems to respond to environmental variation and change. Currently building a Forward Dynamic Program to help us deal with the multiple stocks, control variables, and sources of stochasticity that we must consider.

Graduate Student Researcher

Prof. Rachael Goodhue — University of California, Davis

*Fall 2012 to
Fall 2013*

Conducted research for the California Department of Food and Agriculture (CDFA) to determine the economic impacts of the California Department of Pesticide Regulation (CDPR) Chloropicrin Mitigation Proposal on the California strawberry industry. Assisted with research for the CDFA to determine the economic impacts of Neonicotinoid use and a potential Neonicotinoid ban on beekeepers. Interviewed members of the beekeeping industry in California in order to collect information on beekeeping practices and industrial organization, as well as to identify potential economic impacts of a ban.

Undergraduate Research Assistant

Prof. Spencer Barrett — University of Toronto

Summer 2009

Managed a greenhouse experiment and assisted a field experiment on *Lythrum salicaria*. Managed a team of volunteers, gathered journal articles and highlighted relevant information for graduate students, and input data to excel.

TEACHING EXPERIENCE

Instructor

Independent Study

Summer 2014

Mentored student as he worked on a research project on the institutions, policies, and practices of Chinook salmon harvests and hatcheries in the Sacramento and San Joaquin Rivers.

Instructor

Resource and Environmental Policy Analysis

Winter 2014

Prepared and delivered 3 hours of lecture per week, held 3 hours of weekly office hours, and prepared and graded weekly homework, quizzes, the midterm and the final. The goal of this course was to give upper level undergraduate students the tools and practice they need to be able to think about policy in an informed way.

Teaching Assistant

Department of Agricultural and Resource Economics

*Fall 2012 to
Fall 2013*

Prepared and delivered 1-2 hours of discussion section for students per week (varied by class). Proofed midterms and finals. Graded homework, midterms, and finals. Held weekly office hours (generally 2 hours per week).

SERVICE

Co-ordinator

Environmental and Resource Economics Workshop

*Fall 2014 to
Present*

I help the faculty co-ordinator invite speakers to UC Davis and schedule and oversee their transportation, accommodations, meetings, meals, and talks.

Committee Chair

Scott McNiven Community Service Award

2014

Established and organized the student committee to create an annual award in honor of our late colleague, Scott McNiven.

Committee Member

Giannini Library Renovation Committee

2013–2014

Contributed to deciding how to renovate our library into a conference space.

President

Agricultural and Resource Economics Graduate Student Association

2012–2013 Raised money through grants and fundraising for graduate student activities. Oversaw multiple events including the annual Faculty-Student Softball Game and BBQ and the annual Christmas Party. Co-ordinated with the department staff and faculty to organize and execute the multi-day Prospective Student Flyouts and Open House.

AWARDS

2011,2012 Non Resident Tuition Scholarship · University of California, Davis
2007–2010 Deans List · University of Toronto
2006–2009 Scholarship for Dependents of Faculty · University of Toronto
2007 Drew Thompson Scholarship · University of Toronto
2006,2007 Trinity College Scholarship · University of Toronto
2006 University of Toronto Scholar Scholarship · University of Toronto

PRESENTATIONS, WORKSHOPS AND CONFERENCES

2014 “The economic implications of fishery induced evolution”
Giannini Agricultural and Resource Economics Student Conference
University of California, Davis
2014 “The economics of fishery induced evolution”
Game Theory Workshop
University of California, Davis
2013 Rapid Evolution and Sustainability Workshop
The Mathematical Biosciences Institute

COMPUTER SKILLS

Advanced MatLab, L^AT_EX, Microsoft Office Suite, GitHub
Intermediate STATA, MATHEMATICA, Maple
Basic PYTHON, HTML

LANGUAGES

English · Native proficiency
Spanish · Full professional proficiency
Catalan · Professional working proficiency
French · Professional working proficiency

REFERENCES

Prof. James E. Wilen, *Chair*
Agricultural & Resource Economics
University of California, Davis
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Prof. James N. Sanchirico
Environmental Science & Policy
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Prof. Marissa L. Baskett
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Prof. Michael R. Springborn
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