Ryan Finseth

Cornell University
Dyson School of Applied Economics and Management
Warren Hall
Ithaca, NY 14853

Phone: (330) 968-7324
Email: rmf82@cornell.edu
Homepage: https://ryanfinseth.com/

Education

Ph.D. Applied Economics and Management, **Cornell University**, expected January 2019.
(*currently on leave*)

Dissertation Title: "Essays on the Economics of Conservation".

Committee: Jon M. Conrad (chair), Carla P. Gomes, Natalie M. Mahowald.

M.S. Applied Economics and Management, **Cornell University**, 2012.

B.S. Double Major: Systems Engineering, Economics (*with Distinction*), **University of Virginia**, 2001.

Academic Positions

Visiting Instructor, **University of Montana**, Department of Economics, 2014–2015.

Research Assistant, **Cornell University**, 2009–2013

Teaching Assistant, **Cornell University**, 2007–2009

Professional Experience

Economist, **South Coast Air Quality Management District**, 2018–present

Teaching and Research Fields

Primary Fields: Environmental Economics, Natural Resource Economics

Secondary Fields: Computational Economics, Applied Microeconomics, Environmental Justice

Publications

Finseth, R. and J. Conrad. 2014. "Cost-effective Recovery of an Endangered Species: the Red-cockaded Woodpecker", *Land Economics*.

Sheldon, D., B. Dilkina, A. Elmachtoub, **R. Finseth**, A. Sabharwal, J. Conrad, C. Gomes, D. Shmoys, W. Allen, O. Amundsen, and W. Vaughan. 2010. "Maximizing the Spread of Cascades Using Network Design", *Proceedings of the 26th Conference on Uncertainty in Artificial Intelligence (UAI-10)*.

Working Papers

"Optimal Recovery Planning for an Endangered Species Under Structural and Observational Uncertainty". 2018. *Job Market Paper.*

"Subpopulation Triage and the Endangered Species Act". 2018.

Work in Progress

"Optimal Stop/Start of an Endangered Species Captive Breeding Program". 2018.

"Binary Control of a Stochastic Pest", with Jon Conrad. 2017.

Contributed Posters and Presentations

Optimal recovery planning for endangered species under regime uncertainty. 2017. Doctoral Consortium on Computational Sustainability, University of Southern California, Los Angeles, CA. [poster]

Incorporating land acquisition costs into wildlife corridor design. 2013. World Conference on Natural Resource Modeling, Cornell University, Ithaca, NY. [oral presentation]

Incorporating land acquisition costs into wildlife corridor design. 2013. Students as a Catalyst in Large Landscape Conservation Conference, Colby College, Waterville, ME. [poster]

Cost-effective recovery of an endangered species: the red-cockaded woodpecker. 2012. Junior Seminar Series, Charles H. Dyson School of Applied Economics and Management, Cornell University, Ithaca, NY. [oral presentation]

Cost-effective recovery of an endangered species: the red-cockaded woodpecker. 2010. International Conference on Computational Sustainability, Massachusetts Institute of Technology, Cambridge, MA. [poster]

Optimization models in red-cockaded woodpecker conservation. 2009. International Conference on Computational Sustainability, Cornell University, Ithaca, NY. [poster]

Research Experience

Research Assistant to Jon M. Conrad on NSF *Expeditions in Computing* grant "Computational Sustainability: Computational Methods for a Sustainable Environment, Economy, and Society", Institute for Computational Sustainability, Cornell University, Fall 2009 – Summer 2013.

Undergraduate Research Assistant, Center for Risk Management of Engineering Systems, University of Virginia, Fall 1999 – Spring 2001. Advisor: James H. Lambert (Research Assistant Professor)

Teaching Experience

Visiting Instructor, University of Montana, Department of Economics.

Principles of Microeconomics: Fall 2014, Spring 2015

Principles of Macroeconomics: Fall 2014, Spring 2015

Teaching Assistant, Cornell University, Department of Applied Economics and Management.

Topics in Computational Sustainability: Spring 2011, Spring 2013, teaching assistant for Carla Gomes.

International Trade and Finance: Spring 2009, teaching assistant for David Lee.
Environmental and Resource Economics: Spring 2008, Fall 2008, teaching assistant for Gregory Poe.
Behavioral and Managerial Economics: Fall 2007, teaching assistant for David Just.

Professional Affiliations

American Economic Association (AEA), Agricultural and Applied Economics Association (AAEA), Association of Environmental and Resource Economists (AERE)

Service

Reviewer, *Annals of the New York Academy of Science: The Year in Ecology and Conservation Biology*

Technical Skills

MATLAB, ArcGIS, STATA, C++, GAMS, REMI PI+

References

Jon M. Conrad
Professor
Dyson School of Applied Economics and Management
Cornell University
409 Warren Hall
Ithaca, NY 14853
Phone: (607) 255-7681
Email: jmc16@cornell.edu

Carla P. Gomes
Professor
Department of Computer Science
Cornell University
353 Gates Hall
Ithaca, NY 14853
Phone: (607) 255-9189
Email: gomes@cs.cornell.edu

David R. Just
Professor
Dyson School of Applied Economics and Management
Cornell University
210C Warren Hall
Ithaca, NY 14853
Phone: (607) 255-2086
Email: drj3@cornell.edu

Teaching

Jeff Bookwalter
Associate Professor, Chair
Department of Economics
University of Montana
Liberal Arts 407
Missoula, MT 59812
Phone: (406) 243-4667
Email: jeff.bookwalter@mso.umt.edu