Jonathan R. Sweeney

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Education

University of Hawai'i at Mānoa 2013–Present

PhD in Economics (2018, expected)
MA in Economics (2015)

Reed College 2003–2008

BA in Biology (2008)

Research Experience

University of Hawai'i at Mānoa 2014–Present

Graduate Research Assistant to Dr. PingSun Leung (2014–Present)
Graduate Research Assistant to Dr. John Lynham (2014)

NOAA Fisheries PIFSC 2014–Present

Economics Research Assistant

NOAA Fisheries SWFSC 2012–2013

Economics Contractor with Hanan & Associates, Inc.

University of Missouri-St. Louis 2009-2010

Graduate Research Assistant to Dr. Amy Zanne

University of California at Davis 2008-2009

Field Station Manager to Dr. Andrew J. Marshall. Gunung Palung National Park, West Kalimantan, Indonesia

Teaching Experience

University of Hawai'i at Mānoa Fall 2016

Lecturer for Sustainable Development

University of Hawai'i at Mānoa Fall 2013

Teaching Assistant for Principles of Microeconomics (Dr. John Lynham)

Academic Service

University of Hawai'i at Mānoa 2015–Present

Graduate Student Organization Representative for the Economics Department

Publications

Oberle B., Ogle K., Penagos Zuluaga J.C., **Sweeney J.R.**, and A.E. Zanne. 2016. A Bayesian model for xylem vessel length accommodates subsampling and reveals skewed distributions in species that dominate seasonal habitats. *Journal of Plant Hydraulics* 3(e003).

Hanan D., Hanan Z., and **J.R. Sweeney**. 2014. California Commercial Passenger Fishing Vessel (CPFV) Cost-Earnings Survey for 2012. Final Report submitted to Dr. James Hilger (NOAA-SWFSC).

Hilger J., and **J.R. Sweeney**. 2013. 2010 California Marine Recreational Fishing Effort and Economic Impact and Expenditure Estimates. *NOAA Fact sheet*.

Hilger J., and **J.R. Sweeney**. 2012. 2009 California Marine Recreational Fishing Effort and Economic Impact and Expenditure Estimates. *NOAA Fact sheet*.

Revell L. J., Mahler D. L., **Sweeney J. R.**, Sobotka M., Fancher V. E. and J.B. Losos. 2010. Nonlinear selection and the evolution of variances and covariances for continuous characters in an anole. *Journal of Evolutionary Biology* 23(2):407–421.

Working Papers

Sweeney J.R., Howitt R.E., Chan H., Pan M., and P.S. Leung. 2017. How do fishery policies affect Hawaii's longline fishing industry? Calibrating a positive mathematical programming model. Revision submitted to *Natural Resource Modeling*.

Grants and Awards

Saltonstall-Kennedy Grant. $158,184. How will Expanding Papahnaumokukea Marine National Monument Impact Local Fishing Communities in Hawaii? An Application of Positive Mathematical Programming. NOAA (2017, Under Review)
Whitney R Harris Graduate Research Fellowship. UM-St. Louis (2010)
Graduate Recruitment Fellowship. UM-St. Louis (2009)
Mellon Foundation Opportunity Grant. Reed College (2008)
Arch and Fran Diack Field Research Grant. Reed College (2008)

Skills

R	Stata	RiskSolver	GAMS
Python	LaTeX	MATLAB	HTML

Languages

English	Indonesian	French
(Native Speaker)	(Fluent Communicator)	(Basic)