

**CURRICULUM VITAE
JONATHAN PAUL PRICE**

Associate Professor

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ACADEMIC DEGREES

Ph.D. in Geography
University of California at Davis

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B.S. in Geography, minor in Botany
University of California at Davis

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PROFESSIONAL EXPERIENCE

- 2007-present Assistant Professor of Geography and Environmental Studies, University of Hawai'i at Hilo
- 2004-2007 Researcher, USGS Hawai'i Cooperative Studies Unit, University of Hawai'i at Hilo, HI.
- 2002-2004 Post-Doctoral Fellowship, Department of Botany National Museum of Natural History, Smithsonian Institution, Washington, DC
- 2001 Instructor, University of California, Davis: Plant Geography
- 1995-1996 Assistant Landscape Ecologist/GIS Technician, Jeff Hart and Associates, Sacramento, CA.
- 1994-1995 GIS Coordinator for biological survey of Great Valley Grasslands State Park, CA, Department of Environmental Studies, UC Davis.
- 1993-1997 Collections Mapper/GIS Database Manager, Davis Arboretum, University of California, Davis, CA.
- 1992-1993 Research Assistant, Department of Zoology University of California, Davis, CA.
- 1992 Research Assistant, Haleakalā National Park, HI.
- 1990-1991 Fumigator, Maui Fumigation, Waiehu, HI.

RESEARCH PUBLICATIONS

- 2015 Johnson, Melissa A., et al. "Postzygotic barriers isolate sympatric species of *Cyrtandra* (Gesneriaceae) in Hawaiian montane forest understories." *American journal of botany* 102.11 (2015): 1870-1882.
- 2014 Fernández-Palacios, José María, et al. "Overview of habitat history in subtropical oceanic island summit ecosystems." *Arctic, Antarctic, and Alpine Research* 46.4 (2014): 801-809.
- 2013 Eldon, J., J.P. Price, K. Magnacca, and D.K. Price. Patterns and processes in complex landscapes: testing alternative biogeographical hypotheses through integrated analysis of phylogeography and community ecology in Hawai'i. *Molecular Ecology* 22: 3613–3628.
- 2013 Gillespie, T.W., G. Keppel, S. Pau, J.P. Price, T. Jaffré, J-Y Meyer, and K. O'Neill. Scaling species richness and endemism of tropical dry forests on oceanic islands. *Diversity and Distributions* (published online)
- 2012 Price, J. P., J.D. Jacobi, S.M. Gon III, D. Matsuwaki, L. Mehrhoff, W.L. Wagner, M. Lucas, and B. Rowe. Mapping Plant Species Ranges in the Hawaiian Islands: Atlas of the Hawaiian Flora. U.S. Geological Survey Open-File Report, 57 p., 1,101 maps.
- 2011 Giambelluca, T.W., Q. Chen, A. Frazier, J.P. Price, Y.L. Chen, P.S. Chu, and J.K. Eischeid. Rainfall Atlas of Hawai'i. 2011, Final Report.
- 2011 Price, J.P., and W.L. Wagner. A phylogenetic basis for species-area relationships among three Pacific Island floras. *American Journal of Botany* 98: 449-459.
2011. Juvik, J.O., B.T. Rodomsky, J.P. Price, E.W. Hansen, and C. Kueffer. "The upper limits of vegetation on Mauna Loa, Hawaii": a 50th-anniversary reassessment. *Ecology* 92: 518-525.
- 2011 Gillespie, T.W., G. Keppel, S. Pau, J.P. Price, T. Jaffré, J-Y Meyer, and K. O'Neill. Floristic Composition and Natural History Characteristics of Dry Forests in the Pacific. *Pacific Science* 65: 127-141.
- 2010 Dominguez-Lozano, F., J.P. Price, R. Otto, J.M. Fernandez-Palacios. Using taxonomic and phylogenetic evenness to compare diversification in two island floras. *Perspectives in Plant Ecology, Evolution and Systematics* 12: 93–106.
- 2009 Flaspohler, D.J., C.P. Giardina, G.P. Asner, P. Hart, J.P. Price, K.C. Lyons, and X. Castaneda. Long-term effects of fragmentation and fragment properties on bird species richness in Hawaiian forests. *Biological Conservation* 143: 280-288.
- 2009 Thorne, J.H., J.H. Viers, J.P. Price, L. Hannah, and D.M. Stoms. Endemic plant geography in California, three approaches using an electronic flora. *Natural Areas Journal* 29: 344-366.

- 2009 Warshauer, F.R., J.D. Jacobi, and J.P. Price. Native coastal flora and plant communities in Hawai'i: their composition, distribution, and status. *HCSU Technical Report 014*.
- 2009 Price, J.P., J.D. Jacobi, L.W. Pratt, F.R. Warshauer, and C.W. Smith. Protecting forest bird populations at the landscape level. In Pratt, T.K., C. T. Atkinson, P.C. Banko, J.D. Jacobi, and B. Woodworth (eds.), *Hawaiian Forest Birds: Implications for Island Avifauna*. Yale University Press.
- 2009 Price, J.P.. Hawaiian Island, Biology. In Gillespie, R.G., and D.A. Clague (eds.), *Encyclopedia of Islands*. University of California Press, Berkeley, CA.
- 2009 Pau, S., T.W. Gillespie, and J.P. Price. Natural History, Biogeography, and Endangerment of Hawaiian Dry Forest Trees. *Biogeography and Conservation* 18: 3167-3182.
- 2008 Gruner, D.S., N.J. Gotelli, J.P. Price, and R.H. Cowie. Does species richness drive speciation? A reassessment with the Hawaiian biota. *Ecography* 31: 279-285.
- 2008 James, Helen F. and J. P. Price. Integration of paleontological, historical, and geographic data on the extinction of koa-finches. *Diversity and Distributions* 14: 441-451.
- 2007 Price, J.P., S.M. Gon III, J.D. Jacobi, and D. Matsuwaki. Mapping plant species ranges in the Hawaiian Islands: developing a methodology and associated GIS layers. *HCSU Technical Report 008*.
- 2007 Price, J.P., J.D. Jacobi. Rapid assessment of vegetation at six potential 'Alalā release sites. *HCSU Technical Report 006*.
- 2006 Price, J.P.. Predicted plant species distributions and species richness. In Gon, S.M., A. Allison, R.J. Canarella, J.D. Jacobi, K.Y. Kaneshiro, M.H. Kido, M. Lane-Kamahele, and S.E. Miller. *Hawai'i Gap Analysis Program Final Report*.
- 2005 Wagner, W. L., D. Mix, and J.P. Price. Pacific Islands. In Kress, W. J. and G. Krupnick (eds.), *Plant Conservation: A Natural History Approach*. University of Chicago Press.
- 2004 Price, J.P. and W.L. Wagner. Speciation in Hawaiian angiosperm lineages: cause, consequence, and mode. *Evolution* 58:2185-2200.
- 2004 Price, J.P.. Floristic biogeography of the Hawaiian Islands: influences of area, environment and paleogeography. *Journal of Biogeography* 31:487-500.
- 2004 Price, J.P. and D.L. Elliott-Fisk. Topographic History of the Maui Nui Complex, Hawai'i, and Its Implications for Biogeography. *Pacific Science* 58:27-45.
- 2002 Price, J.P. and D.A. Clague. How old is the Hawaiian biota?: Geology and phylogeny suggest recent divergence. *Proceedings of the Royal Society of London, Series B Biological Sciences* 269:2429-2435.

- 2000 Hotchkiss, S., P.M. Vitousek, O.A. Chadwick, and J. P. Price. Climate cycles, geomorphological change, and the interpretation of soil and ecosystem development. *Ecosystems* 3:522-533.

PRESENTATIONS AT PROFESSIONAL MEETINGS

- 2015 Hawai'i Conservation Conference, Hilo, HI.
- 2015 International Biogeography Society, Bayreuth, Germany.
- 2015 Association of Tropical Biology & Conservation, Honolulu, HI.
- 2014 Island Biology, Honolulu, HI.
- 2013 Hawai'i Conservation Conference, Honolulu, HI.
- 2011 Hawai'i Conservation Conference, Honolulu, HI.
- 2011 Evolution on Pacific Islands Conference, Honolulu, HI.
- 2011 International Biogeography Society, Heraklion, Greece.
- 2010 Hawai'i Conservation Conference, Honolulu, HI.
- 2009 International Biogeography Society, Merida, Mexico.
- 2008 Hawai'i Conservation Conference, Honolulu, HI.
- 2007 International Biogeography Society, Puerto Cruz, Canary Islands, Spain.
- 2007 Hawai'i Conservation Conference, Honolulu, HI.
- 2006 Hawai'i Conservation Conference, Honolulu, HI.
- 2006 Society for Conservation Biology, Annual Meeting, San Jose, CA.
- 2005 Ecological Society of America, Annual Meeting, Montreal, Canada.
- 2006 Hawai'i Conservation Conference, Honolulu, HI.
- 2004 Evolution, Annual Meeting, Fort Collins, CO.
- 2003 International Biogeography Society, Inaugural Meeting, Mesquite, NV.
- 2002 Hawai'i Conservation Conference, Honolulu, HI.
- 2002 Association of American Geographers, Annual Meeting, Los Angeles, CA.
- 2001 Society for Conservation Biology, Annual Meeting, Hilo, HI.
- 2001 Association of American Geographers, Annual Meeting, New York, NY.
- 2000 Hawai'i Conservation Conference, Honolulu, HI.
- 2000 Ecological Society of America, Annual Meeting, Snowbird, UT.
- 1999 Ecological Society of America, Annual Meeting, Spokane, WA.
- 1999 Association of American Geographers, Annual Meeting, Honolulu, HI.

GRANTS AND AWARDS

2013	PICSC (USGS) Grant: “Epiphytes as Indicators of Climate Change” (PI – Jonathan Price, James Jacobi).	\$74,789
2012	PICSC (USGS) Grant: “Modeling climate-driven changes to dominant vegetation in the Hawaiian Islands” (PI - Jonathan Price, James Jacobi – co-PI).	\$196,848
2010	Contract with U.H. Mānoa for collaboration on the Rainfall Atlas of Hawai‘i.	\$6,667
2008	Contract with U.S. Geological Survey. Hawai‘i Vegetation Mapping Project, Phase 10: Species Range Map Production and Climate Change Modeling.	\$20,000
2008	National Science Foundation CREST program – PI: D.K. Price, co-PI’s: P. Hart, E. Stacy, M. Takabayashi, J.P. Price, J. Turner, T. Wiegner	\$4,999,809
2006	Fish and Wildlife Service grant for research on invasive plant species at Hakalau National Wildlife Refuge.	\$50,000
2006	Fish and Wildlife Service grant for research on habitat suitability for Alalā (Hawaiian Crow) captive release.	\$46,000
2005	The Nature Conservancy grant for research on invasive species on Haleakala Ranch, Maui.	\$35,000
2002	Smithsonian Post-Doctoral Fellowship for proposed research.	\$32,000
1999	National Science Foundation. Dissertation Improvement Grant.	\$9,250

TEACHING

COURSES TAUGHT

Environmental Science 100 (Introduction to Environmental Science)

Geography 101 (Earth Systems and Environment)

Geography 201 (Geographic Information and Analysis)

Geography 326 (Natural Resources)

Geography 409 (Principles of Landscape Ecology)

Environmental Science 457 (Vegetation of the Hawaiian Islands)

Conservation Biology and Environmental Studies 609 (Theory and Application of Landscape Ecology)

Conservation Biology and Environmental Studies 633 (Biodiversity)

Conservation Biology and Environmental Studies 645 (Social Science Applications to Natural Resources Management)

MENTORING

Graduate Student Mentor and Committee Chair (TCBES)

Anya Tagawa, Cindy Dupuis, Melissa Tavares

Graduate Student Committee Member (TCBES)

David Benitez*, Megan Lamson*, Brett Rodomsky*, Jon Eldon*, Christina Cornett, Colin Phifer, Melissa Johnson, Kevin Donmoyer

Undergraduate Student Mentor (Keaholoa-STEM program)

Barbara Rowe*

Undergraduate Student Mentor (NAPIRE program)

Adele Nez, Kyla Winthers-Barcelona

COMMUNITY SERVICE

2012-present	Natural Areas Reserves Commission, State of Hawai'i
2010-present	Executive Committee Member, Big Island Invasive Species Committee
2010-present	Laupahoehoe Advisory Council for the Hawai'i Tropical Experimental Forest
2010-2012	Board of Directors, Friends of Hakalau Forest
September 2010	Teacher Workshop on Hawaiian Watersheds, for Imi Pono o Ka 'Aina the education and outreach program the Three Mountain Alliance Watershed Partnership (public-private partnership for watershed protection)
2008-2010	Board of Directors, Hawai'i Organic Farmer's Association