

## Andrew J. Rominger

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CONTACT INFORMATION	Santa Fe Institute 1399 Hyde Park Road Santa Fe, New Mexico 87501 USA	<i>E-mail:</i> <a href="mailto:rominger@santafe.edu">rominger@santafe.edu</a> <i>Web:</i> <a href="http://ajrominger.github.io">ajrominger.github.io</a>
(A) PROFESSIONAL PREPARATION	<b>B.S. Hons. Stanford University</b> , Stanford, California Biological Sciences <b>Ph.D. University of California</b> , Berkeley, California Environmental Science, Policy & Management	2009 2016
(B) APPOINTMENTS	<b>Omidyar Fellow</b> , Santa Fe Institute <b>Post Doctoral Scholar</b> , UC Berkeley Berkeley Initiative in Global Change Biology <b>Graduate Student Instructor</b> , UC Berkeley <b>NSF Graduate Research Fellow</b> , UC Berkeley <b>Fulbright Scholar</b> , Pontificia Universidad Católica de Chile <b>Teaching Assistant</b> , Stanford University	2017 2016 2014 2011–2014 2010 2009
(C) PRODUCTS (I)	<ol style="list-style-type: none"> <li>O'Dwyer JP, <b>Rominger AJ</b>, Xiao X (2017). Reinterpreting Maximum Entropy in Ecology: a null hypothesis constrained by ecological mechanism. <i>Ecology Letters</i>. Ecology letters, 20: 832–841.</li> <li><b>Rominger AJ</b>, Merow C. (2017) <b>meteR</b>: An R package for testing the Maximum Entropy Theory of Ecology. <i>Methods in Ecology and Evolution</i> 8: 241–247.</li> <li><b>Rominger AJ</b>, <i>et al.</i>. (2016). Community assembly on isolated islands: Macroecology meets evolution. <i>Global Ecology and Biogeography</i> 25: 769–780.</li> <li>Harte J, <b>Rominger AJ</b>, Zhang W. (2015). Integrating macroecological metrics and community taxonomic structure. <i>Ecology Letters</i> 18: 1068–1077.</li> <li>Karp DS, <b>Rominger AJ</b>, Zook J, Ranganathan J, Ehrlich PR &amp; Daily GC. (2012). Intensive agriculture erodes <math>\beta</math>-diversity at large scales. <i>Ecology Letters</i> 15: 963–970.</li> </ol>	2017 2016 2015 2012
(C) PRODUCTS (II)	<ol style="list-style-type: none"> <li>Harte J, Newman EA, <b>Rominger AJ</b>. (2017) Metabolic partition across individuals in ecological communities. <i>Global Ecology and Biogeography</i>. Online early: <a href="http://onlinelibrary.wiley.com/doi/10.1111/geb.12621/full">onlinelibrary.wiley.com/doi/10.1111/geb.12621/full</a></li> <li>Stegner MA, Karp DS, <b>Rominger AJ</b>, Hadly EA (2017). Can protected areas really maintain mammalian diversity? Insights from a nestedness analysis of the Colorado Plateau. <i>Biological Conservation</i> 209: 546–553.</li> <li>Harte J, Kitze J, Newman E, <b>Rominger AJ</b>. (2013). Taxon categories and the universal species-area relationship: A comment on Sizling et al. <i>The American Naturalist</i> 181: 282–287.</li> <li>Maurer BA, Kembel SW, <b>Rominger AJ</b> &amp; McGill BJ. (2012). Estimating metacommunity extent using data on species abundances, environmental variation, and phylogenetic relationships across geographic space. <i>Ecological Informatics</i> 13: 114–122.</li> </ol>	in press 2017 2013 2012

	5.	<b>Rominger AJ</b> , Miller TEX & Collins SL. (2009). Relative contributions of neutral and niche-based processes to the structure of a desert grassland grasshopper community. <i>Oecologia</i> 161: 791–800.	2009
(D) SYNERGISTIC ACTIVITIES	1.	<b>High School Mentor</b> Guide high school students in independent projects through the Santa Fe Institute’s mentoring program.	2017–present
	1.	<b>Board Member</b> Talking Talons Youth Leadership Community Fund, an organization that funds environmental education projects.	2013–2016
	2.	<b>Community presentation speaker</b> Present at youth and environmental group meetings including Central New Mexico Audubon Society and Pacific Internship Programs for Exploring Science about science, conservation and environmental education.	2009–present
	3.	<b>Splash instructor</b> Thought an interactive course about global change biology to K-12 students as part of Stanford University’s Educational Studies Splash Program.	2009
	4.	<b>Natural history docent</b> Lead classroom and community tours of Jasper Ridge Biological Preserve (Stanford University) focusing on local conservation issues, ecology, evolution and geology.	2006–2011