

2010 Newkirk Center Fellowship Recipients

Alyssa Chamberlain, Department of Criminology, Law and Society –Community Change and Recidivism: The Interrelationship between Neighborhood Ecology and Prisoner Reintegration

Dana Garfin, Department of Psychology & Social Behavior– Post-disaster Outcomes Associated with the 2010 Chilean Earthquake

Errol M. Glenn, Henry Samueli School of Engineering – The Electrokinetics of Bacterial Colloids: A Biofilm Remediation Proposal For Shore-Side Reverse Osmosis Desalination Plants

Alexis Hickman, Department of Planning, Policy and Design – Sink or Swim: Toward adaptive, multi-tiered governance in coastal Bangkok

Irina Irvine, Department of Ecology and Evolutionary Biology – The role of soil microbes in improving habitat restoration: an experiment, restoration, and public outreach project informing future land rehabilitation

Tadj Schreck, Department of Ecology and Evolutionary Biology –Understanding the Effects of Plant Invasion on Native Insect Communities

Chitvan Trivedi, School of Social Ecology – Social Entrepreneurship and Social Change: A Comparative Analysis of High-Impact Social Entrepreneurial Ventures in India

Yitong Wang and Jesse Ray Catlin, Paul Merage School of Business –Recycle – Reduce- Reuse: An Investigation of the Effects of Current Policy on Sustainable Consumption Behavior

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Ashley Demyan, Department of Criminology, Law, and Society –*What's Compassion Got To Do With It? An Empirical Examination of Medical Release in California Prisons*

Timu Gallien, Department of Civil and Environmental Engineering – *Parcel Scale Coastal Inundation Modeling: Empowering informed decision making through accurate flood mapping.*

Kristen Gamble, Department of Psychology and Social Behavior – *Post-Disaster Aid Provisions: How do Systems and Culture affect Success?*

James Leonhardt, The Paul Merage School of Business – *Icons and Health: Using Graphical Risk Representations to Increase Child Vaccination Rates*

J.T. Reager, Department of Earth System Science – *Estimating long-range global flood potential using GRACE terrestrial water storage and IPCC precipitation*

Beth Karlin, Department of Planning, Policy, and Design – *Market Characterization and Potentials of Feedback Devices* (Honorable Mention)

Natalia Milovantseva, School of Social Ecology – *Toward Sustainable Electronic Waste Management Policies* (Honorable Mention)

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Svetlana Bershadsky, Department of Psychology and Social Behavior–*An Effort to Transfer Knowledge from UC Irvine Researchers to Research Participants*

Sandra Holden, Department of Ecology and Evolutionary Biology –*Assessing feedbacks between fires and exotic plant invasions in southern California shrublands: Implications for land management in post-fire ecosystems*

Marisa Omori, Department of Criminology, Law, and Society –*Cumulative racial inequality and the punishment process of drug offenders*

Laura Weiden, Department of Civil and Environmental Engineering –*Photochemical Fate and Treatment of Pharmaceutical Compounds in Constructed Wetlands*

Russ Nelson, The Paul Merage School of Business – *Mind the Attitude-Behavior Gap: Creating a New Scale for Measuring Pro-environmental Values* (Honorable Mention)

Teya Rutherford, School of Education – *Brain Boost: Can Cognitive Training Enhance Intelligence* (Honorable Mention)

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Erin Delman, Department of Earth System Science – *Developing an integrated Climate-Land-Energy-Water (CLEW) model for changing glacial hydrology in the Río Santa watershed, Peru*

Jessica L. Perez, Department of Social Ecology – *If You Give a Feast, Invite the Poor- Inviting the Homeless To the Planning Table*

Kathleen Low, Department of Civil and Environmental Engineering – *The resiliency of urban supply water systems under climate change stress*

Caitlin Looby, Department of Ecology and Evolutionary Biology – *Decreasing precipitation in tropical montane forests: Belowground responses and their effect on global climate change*

Nick Petersen, Department of Criminology, Law and Society – *Neighborhood context and homicide case processing*

Neil Young, Department of Education – *Are There Risks of Climate Change That People Especially Care About?* (Honorable Mention)

Matthew A. Valasik, Department of Criminology, Law and Society – *Saving the World, One Neighborhood at a Time: Exploring the Role of Civil Gang Injunctions in Influencing Gang Behavior* (Honorable Mention)