

Santina Contreras, Ph.D.

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ACADEMIC APPOINTMENTS

- The Ohio State University** January 2018 -
Assistant Professor, City and Regional Planning
- University of Colorado, Boulder** January 2017 – December 2017
Research Associate, Program in Environmental Design
Research-in-Residence, Natural Hazards Center

EDUCATION

- Ph.D. Planning, Policy and Design** December 2016
University of California, Irvine
Dissertation: Organizations and Participatory Development: Post-disaster Recovery in Haiti
- M.S. Civil and Environmental Engineering, Concentration in Structural Engineering** 2008
University of California, Berkeley
- B.S. Structural Engineering** 2007
University of California, San Diego

PEER REVIEWED ARTICLES

- Feldman, D., **Contreras, S.**, Karlin, B., Basolo, V., Matthew, R., Sanders, B., Houston, D., Cheung, W., Goodrich, K., Reyes, A., Serrano, K., Schubert, J., & Luke, A. (2016). Communicating Flood Risk: Looking Back and Forward at Traditional and Social Media Outlets. *International Journal of Disaster Risk Reduction* 15, 43-51. DOI: 10.1016/j.ijdr.2015.12.004
- Cheung, W., Houston, D., Schubert, J., Basolo, V., Feldman, D., Matthew, R., Sanders, B., Karlin, B., Goodrich, K., **Contreras, S.**, & Luke, A. (2016). Integrating Resident Digital Sketch Maps with Expert Knowledge to Assess Spatial Knowledge of Flood Risk: A Case Study of Participatory Mapping in Newport Beach, California. *Applied Geography* 74, 56-64. DOI: 10.1016/j.apgeog.2016.07.006.
- Houston, D., Cheung, W., Basolo, V., Feldman, D., Matthew, R., Sanders, B., Karlin, B., Schubert, J., Goodrich, K., **Contreras, S.**, & Luke, A. (2017). The Influence of Hazard Maps and Trust of Flood Controls on Coastal Flood Spatial Awareness and Risk Perception. *Environment and Behavior*, 1-29. DOI: 10.1177/0013916517748711

NON-PEER REVIEWED PUBLICATIONS

Niles, S.* & **Contreras, S.** (2018). Social Vulnerability and Health Care Workers' Response after Hurricane Maria. Natural Hazards Center Quick Response Research Report.

EXTERNAL GRANTS

Niles, S.* & **Contreras, S.** (2018). Social Vulnerability and Health Care Workers' Response after Hurricane Maria. The Natural Hazards Center.

PEER REVIEWED PRESENTATIONS AT MEETINGS AND CONFERENCES

Contreras, S. & Roudbari, S. Participation as a Two-way Street: Small Organizations Learning from Communities in International Development. Annual Conference of the Association of Collegiate Schools of Planning, Buffalo, NY, 2018.

Contreras, S., Basolo, V., Goodrich, K., Matthew, R., Sanders, B., Feldman, D., Houston, D., & Cheung, W. An Investigation of Urban Development on Hillsides in Tijuana, Mexico. Annual Conference of the Association of Collegiate Schools of Planning, Portland, OR, 2016.

Contreras, S. Organizations and Participatory Development: Post-disaster Recovery in Haiti. Annual Meeting of the Urban Affairs Association, San Diego, CA, 2016.

Basolo, V. & **Contreras, S.** Incorporating Sustainability and Resiliency for Housing in Earthquake Prone Areas of Latin America and the Caribbean. Annual Meeting of the Urban Affairs Association, San Antonio, TX, 2014.

Basolo, V. & **Contreras, S.** Urban Housing and Earthquakes in Developing Countries: Vulnerability, Resiliency, and the Goal of Sustainability. Joint Congress of the Association of European Schools of Planning (AESOP) and the Association of Collegiate Schools of Planning (ACSP), Dublin, Ireland, 2013.

OTHER PRESENTATIONS

Feldman, D., **Contreras, S.,** Karlin, B., Basolo, V., Matthew, R., Sanders, B., Houston, D., Cheung, W., Goodrich, K., Reyes, A., Serrano, K., Schubert, J., & Luke, A. Getting the Message Right – The Challenge of Communicating Flood Risk as a Boundary-Spanning Problem: A Case Study of Newport Estuary, California. Annual Natural Hazards Research and Applications Workshop, Broomfield, CO, 2015 (poster)

* Indicates co-author is a graduate student.

Contreras, S. Organizations and Participatory Development: Post-disaster Recovery in Haiti. Center for Organizational Research Small Grant Recipients Presentation, Irvine, CA 2015 (poster).

Goodrich, K. & **Contreras, S.** Poster presentation Flood Resilient Infrastructure and Sustainable Environment (FloodRISE) Project. Planning for Disaster Resilience Symposium, College Station, TX, 2014 (poster).

TEACHING

City and Regional Planning, The Ohio State University

Creating Innovative Cities and Regions
Undergraduate Research Methods

Planning Policy and Design, University of California Irvine

Statistical Analysis
Research Implementation in a U.S. – Mexico Border Context
Environmental Hazards (Course Development)

PROFESSIONAL AND OTHER EXPERIENCE

Graduate Research Assistant

Department of Planning, Policy and Design, University of California, Irvine

- Flood Resilient Infrastructure and Sustainable Environment (FloodRISE) 2013-2014
- Diversity in Urban Planning Doctoral Programs (DECADE) 2013-2014
- Housing Sustainability and Resiliency in Latin American Cities 2013

Project Engineer

2008-2011

Miyamoto International, Los Angeles, CA

- International earthquake and structural engineering firm specializing in technical design, disaster mitigation, and earthquake reconstruction

Structural Engineering Intern

2008

Build Change, West Sumatra, Indonesia

- International non-profit organization focused on the design of earthquake resistant houses in developing countries and the training of local builders and engineers

Graduate Research Assistant

2007-2008

Department of Civil and Environmental Engineering, University of California, Berkeley

- Data reduction and Model Calibration for Unreinforced Masonry Infill Frames

Undergraduate Research Assistant

2005

Department of Structural Engineering, University of California, San Diego

- Testing of Leaning Columns in an Unbraced Moment Frame System

Structural Engineering Technician 2004
Robertson and Associates, Costa Mesa, CA

- Earthquake and structural engineering firm specializing in housing design

Program Assistant 2003-2007
California Alliance for Minority Participation (CAMP), La Jolla, CA

- Statewide initiative funded by the National Science Foundation (NSF) to strengthen representation of underrepresented students in STEM at the University of California

AWARDS AND HONORS

Ford Foundation Dissertation Fellowship, 2016
Social Ecology Dean's Dissertation Writing Fellowship, University of California, Irvine, 2016
Graduate Mentor Award, University of California, Irvine, 2013/2016
Public Impact Fellowship, University of California, Irvine, 2015
President's Dissertation Fellowship, University of California, Irvine, 2015 - Honorable Mention
Founding Fellows Award, Bill Anderson Fund for Hazard Education Research, 2015
Dean's Award for Community Engagement, University of California, Irvine, 2015
Center for Organizational Research (COR) Grant, University of California, Irvine, 2014
Martha Newkirk Fellowship, University of California, Irvine, 2012
Graduate Opportunity Fellowship, University of California, Irvine, 2011-2012
Chancellor's Fellowship for Graduate Study, University of California, Berkeley, 2007-2008
Berkeley Edge Summer Fellowship, University of California, Berkeley, 2007
Summer Undergraduate Program in Engineering Research Fellowship, University of California, Berkeley, 2006
Thurgood Marshall College Provosts Honors, University of California San Diego, 2004-2006
Ronald E. McNair Post-Baccalaureate Achievement Program, University of California, San Diego, 2005-2006

SERVICE

Student Council Membership Chair, Bill Anderson Fund for Hazard Education Research
Volunteer, Annual Hazards Research and Applications Workshop, Broomfield, CO
Student Representative, Faculty Search Committee, Department of Planning, Policy and Design

PROFESSIONAL AFFILIATIONS

Member, Association of Collegiate Schools of Planning
Member, American Planning Association
Member, Urban Affairs Association
Member, American Association of Geographers