

TIMOTHY WILLIAM COLLINS

University of Utah
Department of Geography
260 S. Campus Dr., Rm. 4625
Salt Lake City, UT 84112

T: (801) 581-8218 • E: tim.collins@geog.utah.edu

Academic Appointments

Professor. Department of Geography / Environmental & Sustainability Studies Program.
University of Utah. January 2018 – present.

Professor. Department of Sociology & Anthropology. UTEP. September 2015 – 2017.

Associate Professor. Department of Sociology & Anthropology. UTEP. June 2011 – August 2015.

Assistant Professor. Department of Sociology & Anthropology. UTEP. August 2006 – May 2011.

Postdoctoral Research Associate. Decision Center for a Desert City (DCDC). Arizona State University (ASU), Tempe, Arizona. Examined social vulnerability and water resource management in the context of climate change. *Advisors:* Drs. Bob Bolin, Patricia Gober, and Charles Redman. November 2005 – July 2006.

Administrative Work

Co-Director. (With Sara Grineski). Center for Natural and Technological Hazards. University of Utah. October 2018 – present.

Director. Institutional Development Core of the National Institutes of Health Diversity Consortium BUILDing SCHOLARS Center. UTEP. September 2014 – December 2017.

Provost's Faculty Fellow-in-Residence. Office of the Provost; developed undergraduate research programs across campus in collaboration with the Campus Office of Undergraduate Research Initiatives (COURI). UTEP. June 2013 – August 2014.

Education and Training

Ph.D. Geography, Arizona State University, Tempe, Arizona. *Dissertation Title:* The production of hazard vulnerability: the case of people, forests, and fire in Arizona's White Mountains. *Advisors:* Drs. Bob Bolin, Kevin McHugh, Pat Gober, Eric Keys, and Stephen Pyne. November 2005.

M.A. Geography, with distinction, California State University, Chico, Chico, California. *Thesis Title:* An integrated appraisal of the wildland/urban interface fire hazard, Forest Ranch, California. August 2000.

B.A. Geography, California State University, Chico, Chico, California. May 1998.
Undergraduate Study. Department of Human Geography, University of Utrecht, The Netherlands. Spring Semester 1995.

Research Expertise

Human-Environment Interactions • Vulnerability • Hazards, Risks, and Disasters • Environmental Justice • Health Disparities • Climate Change, Water, Wildfire, and Air Pollution

Grants, Fellowships, and Awards

External Grants and Funding

Research Grant. Co-I for “Leukodystrophy disease burden and diagnosis.” National Institutes of Health, National Center for Advancing Translational Sciences (Award #: 3UL1TR002538-01S1). (PI: Willard Dere [PI of U of U CTSA, this is a supplement award through a parent grant]; Key Personnel: Joshua Bonkowski [project PI], Sara Grineski [project Co-I]). (\$263,311; direct = \$179,893). Start 08/01/2018 – End 02/28/2019.

Research Training Supplement. PI for “Research Experiences for Undergraduates: RAPID: Trajectories of social vulnerability among Houston Area households: A pre- and post-event study of Hurricane Harvey.” National Science Foundation Humans, Disasters, and the Built Environment (HDBE) Program (Two Supplements to Award #: CMMI-1129984). (Co-PI: Sara Grineski). (Totaling \$16,000). Start 01/01/2019 – End 09/30/2019.

Research Grant. PI for “RAPID: Trajectories of social vulnerability among Houston Area households: A pre- and post-event study of Hurricane Harvey.” National Science Foundation HDBE Program (Award #: CMMI-1760655). (Co-PIs: Sara Grineski and Jayajit Chakraborty). (\$49,906). Start 10/01/2017 – End 09/30/2019.

Research Training Grant. PD/PI for “Building Infrastructure Leading to Diversity: Southwest Consortium of Health-Oriented education Leaders and Research Scholars” (BUILDing SCHOLARS). The National Institutes of Health Building Infrastructure Leading to Diversity (BUILD) Initiative (NIH Linked Award #s: RL5GM118969, TL4GM118971, and UL1GM118970) (Multi-PI/PD team includes: Stephen Aley, Thomas Boland, Marc Cox, Lourdes Echegoyen, Sara Grineski, Osvaldo Morera, Amy Wagler). (\$22,633,493). Start 09/26/2014 – End 06/30/2019.

Research Training Grant. PD/PI for BUILDing SCHOLARS. Planning Grants for the National Institutes of Health BUILD Initiative (NIH Award #: 1P20MD008700-01) (Multi-PI/PD team includes: Renato Aguilera, Lourdes Echegoyen, Sara Grineski, Osvaldo Morera; Co-Is: Thomas Boland, Junius Gonzales). (\$225,816). Start 09/25/2013 – End 03/31/2014.

Research Supplements. PI for “Research Experiences for Undergraduates: Advancing environmental equity research: vulnerability to air pollution and flood risks in Houston and Miami.” National Science Foundation IMEE Program (Two Supplements to Award #: CMMI-1129984). (Co-PI: Sara Grineski). (Totaling \$16,000). Start 09/01/2012 – End 08/31/2016.

Research Grant. PI for “Advancing environmental equity research: vulnerability to air pollution and flood risks in Houston and Miami.” National Science Foundation IMEE Program (Award #: CMMI-1129984). Partner institutions: UTEP (Co-PI: Sara Grineski) and University of South Florida (USF; PI: Jayajit Chakraborty). (\$389,992; UTEP: \$244,240; USF: \$145,752). Start 09/01/2011 – End 08/31/2015.

Research Grant. Co-I for “Hispanic Health Disparities Research Center: Revision Application to Support Environmental Health Disparities”, which established a National Institute on Minority Health and Health Disparities/Environmental Protection Agency Center of Excellence in Environmental Health. National Institutes of Health and Environmental Protection Agency (NIH Award #: P20MD002287-05S1). (PI: Elias Provencio-Vasquez; Co-Is: Sara Grineski, Paula Ford, Hector Olvera). (\$752,795). Start 10/01/2011 – End 06/30/2014.

- Research Grant.** PI for “Children’s vulnerability to climate change: a spatial and temporal assessment of two US-Mexico border metropolitan areas.” Southwest Consortium for Environmental Research and Policy (SCERP) Competitive Team Research Program, Environmental Protection Agency (Award #: EM 83486101-01). (PI: Gilberto Velazquez; Co-PIs: Raed Aldouri, Paula Ford, Sara Grineski, Rosa Fitzgerald, Lourdes Romo). (Awarded: \$239,998; Received: \$129,896 [due to federal budget cuts]). Start 01/01/2011 – End 05/31/2013.
- Research Grant.** Co-I for “Earth, Life and Semantic Web (ELSeWeb): An Earth observation driven Semantic Web system for computational modeling of the impact of changing environments on health and disease.” National Aeronautics and Space Administration (Additional Allocation to Award #: NNX12AF49A). (PI: Deana Pennington; Co-I: Paulo Pinheiro da Silva). (\$125,980). Start of Additional Allocation 01/10/2013 – End 02/06/2014.
- Research Grant.** Co-I for “Earth, Life and Semantic Web (ELSeWeb): An Earth observation driven Semantic Web system for computational modeling of the impact of changing environments on health and disease.” National Aeronautics and Space Administration (Award #: NNX12AF49A). (PI: Deana Pennington; Co-I: Paulo Pinheiro da Silva). (\$669,966). Start 02/07/2012 – End 02/06/2014.
- Research Fellowship.** 2010. PI for “Socio-spatial predictors of industrial health risks in El Paso County, Texas.” SCERP Faculty Development Program, Environmental Protection Agency. (\$7,618).
- Research Grant.** 2010. PI for “Health disparities in disaster: an examination of households experiencing major home site damage in the 2006 El Paso County floods.” Hispanic Health Disparities Research Center Transitioning Faculty Award Program. (Through National Institutes of Health Award #: 1P20MD002287-03). (\$14,909).
- Education Grant.** 2006-2007. Co-PI for “Geographic education summer seminars.” Texas Fund for Geography Education, sponsored by the Texas Legislature and the National Geographic Society. (\$31,461).
- Research Contract.** 2005-2006. A baseline social assessment for the Multi-party Monitoring Board of the White Mountain Stewardship Contract, United States Forest Service, Apache-Sitgreaves National Forest, Arizona. (\$5,000).
- Fellowship.** 2000-2005. National Science Foundation Integrative Graduate Education and Research Training (IGERT) in Urban Ecology Fellowship. Full financial support during academic year; additional research, travel and summer stipends. (Totaling ~\$150,000).
- Research Grant.** 2004. Association of American Geographers Dissertation Research Grant. (\$500).

Pending

- Research Grant.** Multi-PI for “Effects of air pollution on children’s academic and cognitive performance.” National Institutes of Health, National Institute of Environmental Health Sciences. (Multi-PI: Sara Grineski; Co-Is: Daniel Adkins, Simon Brewer, John Lin, Ming Wen). (\$2,072,893; direct = \$1,363,405). Submitted 02/04/2019; Start 09/01/2019 – End 08/31/2024.
- Research/Training Grant.** Co-PI for “Enabling hazards researchers.” National Science Foundation. (PI: Tom Cova; Co-PIs: Sara Grineski, Terri Norton [Bucknell University]). (\$480,364). Submitted 01/29/2019; Start 08/01/2019 – End 07/31/2021.
- Research Grant.** Co-PI for “Collaborative Research: Effects of mentorship diversity on student outcomes among NSF REU participants.” National Science Foundation. Partner institutions: University of Utah (PI: Sara Grineski) and UTEP (Co-PI: Danielle Morales). (Utah Budget: \$198,650). Submitted 01/29/2019; Start 08/01/2019 – End 07/31/2022.

Internal Grants and Funding (travel funds not included)

- Research Grant.** 2013-2014. Co-PI for “Developing an environmental-economic accounting framework for water use in the United States.” UTEP, Interdisciplinary Research (IDR) Award. (PI: Stanley Mubako; Co-PIs: Tom Fullerton, Adam Walke, Grace Mubako, Shane Walker). (\$20,000).
- Research Grant.** 2007-2010. Human relationships with environmental hazards on the US-Mexico border. UTEP, Regional Geospatial Service Center sub-awards. (Totaling ~\$24,000).
- Research Grant.** 2006-2007. PI for “The role of external assistance programs in response to the 2006 *Paso del Norte* floods: implications for disaster vulnerability.” UTEP, University Research Institute Grant. (\$2,888).
- Fellowship.** 2004-2005. Millennium Interdisciplinary Dissertation Fellowship, Division of Graduate Studies, ASU. Full living stipend for academic year to support completion of dissertation research. (\$15,000).
- Research Grant.** 2004-2005. Graduate and Professional Student Association Dissertation Research Grant, ASU. (\$1,510).
- Research Award.** 2004. Matthew G. Bailey Scholarship, Geography Department, ASU. (\$450).

Honors and Fellowships Received

- Outstanding Faculty Award.** 2016. College of Liberal Arts, UTEP.
- Nominee.** 2015. College of Liberal Arts, UTEP Distinguished Achievement Award for Research (campus-wide award).
- Outstanding Performance Award.** 2014. For outstanding performance in securing extramural funding. Office of Research and Sponsored Projects, UTEP.
- Outstanding Performance Award.** 2011-2012. For outstanding performance in securing extramural funding. Office of Research and Sponsored Projects, UTEP.
- Fellowship.** 2009-2010. National Science Foundation-funded “Enabling the next generation of hazards and disasters researchers” program. One of 16 fellows selected out of 64 applicants.
- Eric Wolf Prize.** 2007. Political Ecology Society, Society for Applied Anthropology (SfAA). Prize for best paper based on a dissertation in the field of political ecology.
- Gilbert F. White Award.** 2006. Hazards Specialty Group, Association of American Geographers. Award for best dissertation in the field of hazards geography.
- Jeanne X. Kasperson Award.** 2005. Hazards Specialty Group student paper competition, Association of American Geographers.
- Preparing Future Faculty Fellowship.** 2002-2003. Division of Graduate Studies, Arizona State University.

Publications

Note: Student co-authors are underlined (those conducting the research as undergraduates are identified with *)

Peer-Reviewed Journal Articles

- Grineski, S., A. Flores, **T. Collins**, and J. Chakraborty. Accepted (submitted 6/21/18; resubmitted 1/18/19, accepted 1/22/19). The impact of Hurricane Harvey on Greater Houston households: Comparing pre-event preparedness with post-event health effects, event exposures, and recovery. *Disasters*.
- Frederick, A., H. Daniels, S. Grineski, and **T. Collins**. Accepted (submitted 11/16/17; revised and resubmitted 10/23/18; accepted pending minor revisions 01/13/19; accepted 03/05/19). “I’ve never felt like that inhibits anything”: The gendered frameworks of Hispanic women college students in a STEM program. *Gender and Education*.

- H. Daniels, S. Grineski, **T. Collins**, and A. Frederick. Accepted (submitted 10/3/17; resubmitted 8/2/18; resubmitted 1/22/19; accepted 1/25/19). Navigating social relationships with mentors and peers: Comfort and belonging among men and women in STEM summer research programs. *CBE-Life Sciences*.
- Collins, T.**, and S. Grineski. In press (submitted 3/22/18; resubmitted 8/2/18; accepted pending minor revisions 9/30/18; accepted 10/10/18). Environmental injustice and religion: Outdoor air pollution disparities in metropolitan Salt Lake City, Utah. *Annals of the American Association of Geographers*. DOI: 10.1080/24694452.2018.1546568.
- *Rubio, R., S. Grineski, D. Morales, and **T. Collins**. In press (submitted 4/11/18; revised and resubmitted 11/19/18; accepted 12/27/18; published online 1/24/19). The role of parents' nativity in shaping differential risks of food insecurity among US first graders. *Maternal and Child Health Journal*. DOI: 10.1007/s10995-018-02717-w.
- Sianez, M., L. Highfield, T. Collins, and S. Grineski. In press (submitted 7/18/18, resubmitted 12/19/18; accepted 12/20/18; published online 1/4/19). Burden of illness, primary care use, and medication utilization among US-México border children with wheezing. *Journal of Racial and Ethnic Health Disparities*. DOI: 10.1007/s40615-018-00558-5.
- Grineski, S., D. Morales, T. Collins, *E. Hernandez, and *A. Fuentes. In press (submitted 7/21/18; accepted 10/18/18; published online 12/3/18). The burden of carcinogenic air toxics among Asian Americans in four US metro areas. *Population and Environment*. DOI: 10.1007/s11111-018-0308-4.
- Morales, D., *N. Prieto, S. Grineski, and **T. Collins**. In press (submitted 2/2/18, resubmitted 6/21/18; accepted 7/20/18; published online 7/30/18). Race/ethnicity, obesity, and the risk of being verbally bullied: A national multilevel study. *Journal of Racial and Ethnic Health Disparities*. DOI: 10.1007/s40615-018-0519-5.
- Chakraborty, J., S. Grineski, and **T. Collins**. 2019. Hurricane Harvey and people with disabilities: Disproportionate exposure to flooding in Houston, Texas. *Social Science & Medicine* 226:176-181.
- Chakraborty, J., **T. Collins**, and S. Grineski. 2019. Exploring the environmental justice implications of Hurricane Harvey flooding in Greater Houston, Texas. *American Journal of Public Health*. 109(2):244-250.
- Grineski, S., D. Morales, **T. Collins**, and *R. Rubio. 2018. Transitional dynamics of household food insecurity impact children's developmental outcomes. *Journal of Developmental & Behavioral Pediatrics* 39(9):715-725.
- Morales, D., S. Grineski, and **T. Collins**. 2018. Effects of gender concordance in mentoring relationships on summer research experience outcomes for undergraduate students. *Science Education* 102(5):1029-1050.
- Sianez, M., L. Highfield, H. Balcazar, **T. Collins**, and S. Grineski. 2018. An examination of the association of multiple acculturation measures with asthma status among elementary school students in El Paso, Texas. *Journal of Immigrant and Minority Health* 20(4):884-893.
- Collins, T.**, S. Grineski, and J. Chakraborty. 2018. Environmental injustice and flood risk: A conceptual model and case comparison of metropolitan Miami and Houston, USA. *Regional Environmental Change* 18(2):311-323.
- Grineski, S., H. Daniels, **T. Collins**, D. Morales, and A. Frederick. 2018. The conundrum of social class: disparities in publishing among STEM students in undergraduate research programs. *Science Education* 102(2):283-303.
- Grineski, S., and **T. Collins**. 2018. Geographic and social disparities in exposure to air neurotoxicants at U.S. public schools. *Environmental Research* 161:580-587.
- Jimenez, A., and **T. Collins**. 2017. "How do we not go back to the factory?" Contradictions of urban development for a Latina-led NGO. *City* 21(4):737-753.

- Collins, T.**, S. Aley, T. Boland, G. Corral, M. Cox, L. Echevoyen, S. Grineski, O. Morera, and H. Nazeran. 2017. BUILDing SCHOLARS: enhancing diversity among biomedical researchers from the U.S. Southwest. *BMC Proceedings* 11(Suppl 12):12.
- Collins, T.**, S. Grineski, and D. Morales. 2017. Environmental injustice and sexual minority health disparities: a national study of inequitable health risks from air pollution among same-sex partners. *Social Science & Medicine* 191:38-47.
- ***Rocha, J.**, S. Grineski, and **T. Collins**. 2017. A qualitative examination of factors shaping high and low exposures to hazardous air pollutants among Hispanic households in Miami. *Local Environment* 22(10):1252-1267.
- Grineski, S., **T. Collins**, J. Chakraborty, and **M. Montgomery**. 2017. Hazard characteristics and patterns of environmental injustice: household-level determinants of environmental risk in Miami, Florida. *Risk Analysis* 37(7):1419-1434.
- Morales, D., S. Grineski, and **T. Collins**. 2017. Increasing research productivity in undergraduate research experiences: exploring predictors of collaborative faculty-student publications. *CBE-Life Sciences* 16(2):ar42.
- Morales, D., S. Grineski, and **T. Collins**. 2017. Faculty motivation to mentor students through undergraduate research programs: a study of enabling and constraining factors. *Research in Higher Education* 58(5):520-544.
- Grineski, S., **T. Collins**, and D. Morales. 2017. Asian Americans and disproportionate exposure to carcinogenic hazardous air pollutants: a national study. *Social Science & Medicine* 185:71-80.
- Collins, T.**, S. Grineski, **J. Shenberger-Trujillo**, D. Morales, O. Morera, and L. Echevoyen. 2017. Undergraduate research participation is associated with improved student outcomes at a Hispanic-serving institution. *Journal of College Student Development* 58(4):583-600.
- Chakraborty, J., **T. Collins**, S. Grineski, and **A. Maldonado**. 2017. Racial differences in perceptions of air pollution health risk: does environmental exposure matter? *International Journal of Environmental Research and Public Health* 14(2):116.
- Chakraborty, J., **T. Collins**, and S. Grineski. 2017. Cancer risks from exposure to vehicular air pollution: a household level analysis of intra-ethnic heterogeneity in Miami, Florida. *Urban Geography* 38(1):112-136.
- Collins, T.**, S. Grineski, and D. Morales. 2017. Sexual orientation, gender, and environmental injustice: unequal carcinogenic air pollution risks in Greater Houston. *Annals of the American Association of Geographers* 107(1):72-92.
- Grineski, S., **T. Collins**, and **Y. Kim**. 2016. Contributions of individual acculturation and neighborhood ethnic density to variations in Hispanic children's respiratory health in a U.S.-Mexican border metropolis. *Journal of Public Health* 38(3):441-449.
- Clark-Reyna, S.**, S. Grineski, and **T. Collins**. 2016. Health status and residential exposure to air toxics: What are the effects on children's academic achievement? *Family & Community Health* 39(3):160-168.
- ***Daniels, H.**, S. Grineski, **T. Collins**, D. Morales, O. Morera, and L. Echevoyen. 2016. Factors influencing student gains from undergraduate research experiences at a Hispanic serving institution. *CBE-Life Sciences* 15(3):ar30.
- Morales, D., S. Grineski, and **T. Collins**. 2016. Influences on faculty willingness to mentor undergraduate students from another university as part of an inter-institutional research training program. *CBE-Life Sciences* 15(3):ar35.
- Clark-Reyna, S.**, S. Grineski, and **T. Collins**. 2016. Ambient concentrations of metabolic disrupting chemicals and children's academic achievement in El Paso, Texas. *International Journal of Environmental Research and Public Health* 13(9):874.

- Maldonado, A., **T. Collins**, S. Grineski, and J. Chakraborty. 2016. Exposure to flood hazards in Miami and Houston: Are Hispanic immigrants at greater risk than other social groups? *International Journal of Environmental Research and Public Health* 13(8):775.
- Grineski, S., S. Clark-Reyna, and **T. Collins**. 2016. School-based exposure to hazardous air pollutants and grade point average: a cross-sectional study. *Environmental Research* 147:164-171.
- Clark-Reyna, S., S. Grineski, and **T. Collins**. 2016. Residential exposure to air toxics is linked to lower grade point averages among school children in El Paso, Texas, USA. *Population and Environment* 37(3):319-340.
- *Maldonado, A., **T. Collins**, and S. Grineski. 2016. Hispanic immigrants' vulnerabilities to flood and hurricane hazards in two US metro areas. *Geographical Review* 106(1):109-135.
- Grineski, S., **T. Collins**, and L. Romo Aguilar. 2015. Environmental injustice along the US-Mexico border: residential proximity to industrial parks in Tijuana, Mexico. *Environmental Research Letters* 10:095012.
- Collins, T.**, S. Grineski, and J. Chakraborty. 2015. Household-level disparities in cancer risks from vehicular air pollution in Miami. *Environmental Research Letters* 10:095008.
- Collins, T.**, S. Grineski, J. Chakraborty, M. Montgomery, and M. Hernandez. 2015. Downscaling environmental justice analysis: determinants of household-level hazardous air pollutant exposure in Greater Houston. *Annals of the Association of American Geographers* 105(4):685-703.
- Grineski, S., **T. Collins**, and H. Olvera. 2015. Local variability in the impacts of residential particulate matter and pest exposure on children's wheezing severity: a geographically weighted regression analysis of environmental health justice. *Population and Environment*. 37(1):22-43.
- McDonald, Y., S. Grineski, **T. Collins**, and Y. Kim. 2015. A scalable climate health justice assessment model. *Social Science & Medicine* 133:242-252 (NIHMS ID: NIHMS 639564).
- Chavez-Payan, P., S. Grineski, and **T. Collins**. 2015. Early life and environmental risk factors modify the effect of acculturation on Hispanic children's asthma. *Hispanic Health Care International* 13(3):119-130.
- *Balcazar, A., S. Grineski, and **T. Collins**. 2015. The Hispanic health paradox across generations: the relationship of child generational status and citizenship with health outcomes. *Public Health* 129(6):691-697.
- Montgomery, M., J. Chakraborty, S. Grineski, and **T. Collins**. 2015. An environmental justice assessment of public beach access in Miami, Florida. *Applied Geography* 62:147-156.
- Hernandez, M., **T. Collins**, and S. Grineski. 2015. Immigration, mobility, and environmental injustice: a comparative study of Hispanic people's residential decision-making and exposure to hazardous air pollutants in Greater Houston, Texas. *Geoforum* 60:83-94. [**Collins and Hernandez have equal authorship**].
- *Balcazar, A., S. Grineski, and **T. Collins**. 2015. The durability of immigration-related barriers to healthcare access for Hispanics across generations. *Hispanic Journal of Behavioral Sciences* 37(1):118-135.
- Grineski, S., **T. Collins**, J. Chakraborty and M. Montgomery. 2015. Hazardous air pollutants & flooding: a comparative interurban study of environmental injustice. *GeoJournal* 80(1):145-158.
- Grineski, S., **T. Collins**, Y. McDonald, R. Aldouri, F. Aboargob, A. Eldeb, L. Romo Aguilar, and G. Velázquez-Angulo. 2015. Double exposure and the climate gap: changing demographics and extreme heat in Ciudad Juárez, Mexico. *Local Environment* 20(2):180-201.
- Chakraborty, J., **T. Collins**, S. Grineski, M. Montgomery, and M. Hernandez. 2014. Comparing disproportionate exposure to acute and chronic pollution risks: a case study in Houston, Texas. *Risk Analysis* 34(11):2005-2020.

- Chakraborty, J., **T. Collins**, M. Montgomery, and S. Grineski. 2014. Social and spatial inequities in exposure to flood risk in Miami, Florida. *Natural Hazards Review* 15(3): 04014006.
- Collins, T.**, Y. Kim, S. Grineski, and S. Clark-Reyna. 2014. Can economic deprivation protect health? Paradoxical multilevel effects of poverty on Hispanic children's wheezing. *International Journal of Environmental Research and Public Health* 11(8):7856-7873. (PMID: 25101769).
- Reyes, J., M. Fernandez, S. Grineski, and **T. Collins**. 2014. Spatial analysis of disaster risk in Santo Domingo de Heredia, Costa Rica, Central America. *Journal of Geography and Geology* 6(3):123-132.
- Emerick, N., T. Curry, **T. Collins**, and S. Rodriguez. 2014. Homicide and social disorganization on the border: implications for Latino and immigrant populations. *Social Science Quarterly* 95(2):360-379.
- Grineski, S., **T. Collins**, P. Chavez-Payan, A. Jimenez, Y. Kim, *M. Gaines, and *S. Clark-Reyna. 2014. Social disparities in children's respiratory health in El Paso, Texas. *International Journal of Environmental Research and Public Health* 11:2941-2957. (PMID: PMC3987014).
- Kim, Y., **T. Collins**, and S. Grineski. 2014. Neighborhood context and the Hispanic health paradox: differential effects of immigrant density on children's wheezing by poverty, nativity and medical history. *Health & Place* 27:1-8. (PMID: 24509419)
- Reyes, J., M. Fernandez, S. Grineski, and **T. Collins**. 2014. Natural hazards in Santo Domingo de Heredia, Costa Rica, Central America. *Natural Science* 6(3):121-129.
- *Jimenez, A., **T. Collins**, and S. Grineski. 2013. Intra-ethnic disparities in respiratory health outcomes among Hispanic residents impacted by a flood. *Journal of Asthma* 50(5):463-471. (PMID: 23496420).
- Grineski, S., **T. Collins**, and J. Chakraborty. 2013. Hispanic heterogeneity and environmental injustice: intra-ethnic patterns of exposure to cancer risks from vehicular air pollution in Miami. *Population and Environment* 35(1):26-44. (PMID: 23935236).
- Collins, T.**, *A. Jimenez, and S. Grineski. 2013. Hispanic health disparities after a flood disaster: results of a population-based survey of individuals experiencing home site damage in El Paso (Texas, USA). *Journal of Immigrant and Minority Health* 15(2):415-426. (PMID: 22527746).
- Collins, T.**, S. Grineski, P. Ford, R. Aldouri, L. Romo, G. Velázquez-Angulo, R. Fitzgerald, and D. Lu. 2013. Mapping vulnerability to climate change-related hazards: children at-risk in a U.S.-Mexico border metropolis. *Population and Environment* 34(3):313-337.
- Grineski, S., **T. Collins**, J. Chakraborty, and Y. McDonald. 2013. Environmental health injustice: exposure to air toxics and children's respiratory hospital admissions. *The Professional Geographer* 65(1):31-46.
- Collins, T.** 2012. Spatial scale and hazard perception: an exploratory analysis. *Society & Natural Resources* 25(11):1134-1151.
- Grineski, S., **T. Collins**, P. Ford, R. Fitzgerald, R. Aldouri, G. Velázquez-Angulo, L. Romo, and D. Lu. 2012. Climate change and environmental injustice in a bi-national context. *Applied Geography* 33(1):25-35.
- *Morales, O., S. Grineski, and **T. Collins**. 2012. Structural violence and environmental injustice: the case of a US-Mexico border chemical plant. *Local Environment* 17(1):1-21.
- Flores, M., S. Grineski, and **T. Collins**. 2011. Using visual images to achieve environmental justice: a case study of Asarco in El Paso, Texas. *Environmental Justice* 4(1):45-53.
- Collins, T.**, S. Grineski, J. Chakraborty, and *Y. McDonald. 2011. Understanding environmental health inequalities through comparative intracategorical analysis: racial/ethnic disparities in cancer risks from air toxics in El Paso County, Texas. *Health & Place* 17(1):335-344. (PMID: 21163683).
- Grineski, S., **T. Collins**, L. Romo, and R. Aldouri. 2010. No safe place: environmental hazards and injustice along Mexico's northern border. *Social Forces* 88(5): 2241-2266.

- Grineski, S., and **T. Collins**. 2010. Environmental injustices in transnational context: urbanization and industrial hazards in El Paso/Ciudad Juárez. *Environment and Planning A* 42(6):1308-1327.
- Collins, T.** 2010. Marginalization, facilitation, and the production of unequal risk: the 2006 *Paso del Norte* floods. *Antipode* 42(2):258-288.
- Collins, T.** 2009. The production of unequal risk in hazardscapes: an explanatory frame applied to disaster at the U.S.-Mexico border. *Geoforum* 40(4):589-601.
- Collins, T.** and B. Bolin. 2009. Situating hazard vulnerability: people's negotiations with wildfire environments in the US Southwest. *Environmental Management* 44(3):441-455.
- Collins, T.,** S. Grineski, and L. Romo. 2009. Vulnerability to environmental hazards in the Ciudad Juárez (Mexico)/El Paso (USA) metropolis: a model for spatial risk assessment in transnational context. *Applied Geography* 29(3):448-461.
- Collins, T.** 2009. Influences on wildfire hazard exposure in Arizona's High Country. *Society & Natural Resources* 22(3):211-229.
- Collins, T.** 2008. Unevenness in urban governance: stadium building and downtown redevelopment in Phoenix, Arizona. *Environment and Planning C: Government and Policy* 26(6):1177-1196.
- Collins, T.,** S. Grineski and **M. Flores**. 2008. Environmental injustices in the *Paso del Norte*. *Projections: MIT Journal of Planning* 8:156-171.
- Grineski, S., and **T. Collins**. 2008. Exploring environmental injustice in the global south: *maquiladoras* in Ciudad Juárez, Mexico. *Population and Environment* 29(6):247-270.
- Collins, T.** 2008. The political ecology of hazard vulnerability: marginalization, facilitation and the production of differential risk to urban wildfires in Arizona's White Mountains. *Journal of Political Ecology* 15:21-43.
- Collins, T.** 2008. What influences hazard mitigation? Household decision making about wildfire risks in Arizona's White Mountains. *The Professional Geographer* 60(4):508-526.
- Bolin, B., **T. Collins** and **K. Darby**. 2008. Fate of the Verde: water, environmental conflict, and the politics of scale in Arizona's central highlands. *Geoforum* 39(3):1494-1511.
- Collins, T.** and B. Bolin. 2007. Characterizing vulnerability to water scarcity: the case of a groundwater dependent, rapidly urbanizing region. *Environmental Hazards* 7(4):399-418.
- Collins, T.,** and S. Grineski. 2007. Unequal impacts of downtown redevelopment: the case of stadium building in Phoenix, Arizona. *Journal of Poverty* 11(1):23-54.
- Collins, T.** 2005. Households, forests, and fire hazard vulnerability in the American West: a case study of a California community. *Global Environmental Change B: Environmental Hazards* 6(1):23-37.
- Bolin, B., S. Grineski, and **T. Collins**. 2005. The geography of despair: environmental racism and the making of South Phoenix, Arizona, USA. *Human Ecology Review* 12(2):155-167.

Peer-Reviewed Book Chapters

- Collins, T.,** and S. Grineski. 2018. Environmental justice and flood hazards: a conceptual framework applied to emerging findings and future research needs. Chapter 28 in R. Holifield, J. Chakraborty, and G. Walker (eds.), *Handbook of Environmental Justice*. New York: Routledge. ISBN-13: 9781138932821.
- Grineski, S., and **T. Collins**. 2018. Environmental justice and borders: lessons from the U.S.-Mexico borderlands. Chapter 42 in R. Holifield, J. Chakraborty, and G. Walker (eds.), *Handbook of Environmental Justice*. New York: Routledge. ISBN-13: 9781138932821.

- Romo, L., **T. Collins**, S. Grineski, R. Aldouri, R. Fitzgerald, P. Ford, and G. Velázquez. 2014. Cambio climático en la evaluación de la vulnerabilidad a riesgos ambientales en ciudades de la frontera México-Estados Unidos. Pp. 93-126 in L. Pérez and J. Rodríguez (coords.), *El Análisis del Riesgo y Riesgos de Frontera: Aportes desde las Ciencias Sociales*. Tijuana, BC, MX: El Colegio de la Frontera Norte.
- Velázquez-Angulo, G., R. Aldouri, **T. Collins**, S. Grineski, L. Romo Aguilar, F. Aboargob, A. Eldeb, Y. McDonald and F. Poblano-Amparán. 2013. Characterizing climate change risks and informing adaptation strategies in the Ciudad Juárez-El Paso binational metropolitan region based on spatial analyses of extreme heat–vegetation abundance–population vulnerability relationships. Pp. 155-178 in E. Sánchez Flores and R. Díaz Caravantes (eds.), *Dinámicas Locales del Cambio Global: Aplicaciones de Percepción Remota y Análisis Espacial*. Ciudad Juárez, CHIH, MX: Universidad Autónoma de Ciudad Juárez.
- Collins, T.** and A. Jimenez. 2012. The neoliberal production of vulnerability and unequal risk. Pp. 49-68 in S. Dooling and G. Simon (eds.), *Cities, Nature and Development: The Politics and Production of Urban Vulnerabilities*. Farnham, UK: Ashgate Publishing Group.
- Collins, T.** 2012. A landscape typology of residential wildfire risk. Pp. 33-65 in D. Paton and F. Tedim (eds.), *Wildfire and Community: Facilitating Preparedness and Resilience*. Springfield, IL: Charles C. Thomas Publisher.
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- Proceedings/Non-Peer-Reviewed Publications/Technical Reports/White Papers*
- Chakraborty, J., **T. Collins**, and S. Grineski. 2016. Editorial for Special Issue: Environmental Justice Research: Contemporary Issues and Emerging Topics. *International Journal of Environmental Research and Public Health* 13(11):1072.
- Collins, T.** 2014. Bordering authority, circumventing resistance: ASARCO and the search for environmental justice in the *Paso del Norte*. Invited submission for a “Special Focus web-series” titled *Political Ecology in Bordered Spaces*. Public Political Ecology Lab, School of Geography and Development, University of Arizona. Available online at: <http://ppel.webhost.uits.arizona.edu/ppelwp/?p=592>.
- Collins, T.** 2013. Children’s vulnerability to climate change in a U.S.-Mexican border metropolis. SCERP Technical Report EM-83486101-01. 65 pages. Available online at: <http://research.utep.edu/Portals/72/EPA/scerp/SCERPFinalReport.pdf>
- Collins, T.**, S. Grineski, P. Ford, R. Aldouri, G. Velázquez-Angulo, R. Fitzgerald, L. Romo Aguilar, and D. Lu. 2011. *Métodos para la cartografía de la vulnerabilidad social a las amenazas del cambio climático: una aplicación en la frontera México-Estados Unidos* [Methods for mapping social vulnerability to climate change-related hazards: an application at the US-Mexico border]. Published peer-reviewed/refereed proceedings, *II Coloquio Mesoamericano de Investigación y Acción Social en Desastres y Salud* [Second Mesoamerican Conference for Research and Social Action on Disasters and Health].
- Grineski, S., **T. Collins**, and A. Jimenez. 2011. *Los impactos desproporcionados en la salud debido a un desastre por las inundaciones en El Paso (Texas, EE.UU.)* [Disproportionate health impacts of a flood disaster in El Paso (Texas, USA)]. Published peer-reviewed/refereed proceedings, *II Coloquio Mesoamericano de Investigación y Acción Social en Desastres y Salud* [Second Mesoamerican Conference for Research and Social Action on Disasters and Health].
- Collins, T.** 2010. *Health disparities in disaster: an examination of households experiencing home site damage in the 2006 El Paso County Floods*. Hispanic Health Disparities Research Center, El Paso, TX.

- Gill, T., **T. Collins**, and D. Novlan. 2010. Differential impacts of flash flooding across the *Paso del Norte*: lessons learned from a 2006 storm have implications for urban flood planning in Southwestern mountain and border cities. *Southwest Hydrology* 9(1):20-21, 33. (Editor-reviewed research brief in trade journal). Available online at: http://www.swhydro.arizona.edu/archive/V9_N1/feature2.pdf
- Gill, T., **T. Collins**, and D. Novlan. 2009. Flash flooding in the El Paso-Ciudad Juárez (US-Mexico) border metroplex: variable intensity and differential impacts. *Urban Climate News* 32(June):10-14. (Invited, editor-reviewed research brief in professional newsletter). Available online at: <http://urban-climate.org/newsletters/IAUC032.pdf>
- Gill, T., **T. Collins**, and D. Novlan, 2009. Variable impacts and differential response to flash flooding in the *Paso del Norte* metroplex (El Paso, Texas, USA / Ciudad Juárez, Chihuahua, Mexico). *Preprints, American Meteorological Society Annual Meeting (Phoenix, AZ, January 2009), Joint Symposium on Geographic Influences on Urban Weather and Climate*, paper #J5.3, 5 pp. Available online at: <http://ams.confex.com/ams/pdfpapers/148065.pdf>
- Collins, T.**, and T. Cashman. 2007. National Geographic Society, UTEP, and local teachers partner to advance geography education in the El Paso area. *Texas Alliance for Geographic Education Newsletter* (Fall):7.
- Collins, T.** 2006. *A baseline social assessment for the White Mountain Stewardship Contract: results for communities of the Apache-Sitgreaves National Forests*. United States Forest Service, Springerville, AZ.
- Bigler, W., **T. Collins**, K. Gade, E. Ng, J. Parker, and L. Stabler. 2002. *From horse-drawn carriage to light rail: exploring the social and ecological roles of Eastlake Park*. ASU, Center for Environmental Studies.

Edited Volumes

- Editor (with J. Heyman)**. 2009. Special Feature: Eric Wolf Prize. *Journal of Political Ecology* 16.
- Editor (with J. Chakraborty and S. Grineski)**. 2016. Special Issue: Environmental Justice Research: Contemporary Issues and Emerging Topics. *International Journal of Environmental Research and Public Health*.

Manuscripts in Review or in Progress by Invitation

- Collins, T.**, S. Grineski, and S. Nadybal. In review (submitted 3/5/19). Social disparities in exposure to noise at public schools in the contiguous United States.
- Morales, D., S. Grineski, and **T. Collins**. In review (submitted 3/4/19). Effects of mentorship diversity on student outcomes among summer undergraduate research experiences program participants.
- Morales, D., S. Grineski, and **T. Collins**. In review (submitted 11/8/18). School bullying, body size, and gender: An intersectionality approach to understanding children's bullying victimization in school.
- Grineski, S., and **T. Collins**. In review (submitted 10/29/18). Cancer risks from hazardous air pollutants in US public school districts.
- Collins, T.**, S. Grineski, S. Nadybal, A. Flores, R. Rubio, C. Mullen, *A. Castor, *A. Griego (author order TBD). In progress. Environmental justice. Invited chapter in K. Lersch and J. Chakraborty (eds.) *Geographies of Behavioral Health, Crime, and Disorder: The Intersection of Social Problems and Place*. Springer.

Research Presentations

Invited Presentations

2019

Presenter. Unequal exposures to environmental health hazards: A social-geographical science perspective. U of U College of Social & Behavioral Science Transfer Symposium Series. March, Salt Lake Community College Redwood Campus, Utah.

2018

Co-author. Geographic and social disparities in exposure to air neurotoxins at U.S. public schools. Boise Veteran's Affairs Medical Center, Medical Grand Rounds Presentation (Presenter: S. Grineski). May, Boise, Idaho.

2017

Co-author. Finding the best match: Managing a multi-institutional mentoring program using an online mentoring interface. NIH/NIGMS Training and Workforce Development Program Directors' Meeting. June, Baltimore, MD. (Presenter: S. Grineski; coauthors: D. Morales, G. Corral, S. Aley, T. Boland, M. Cox, L. Echegoyen, O. Morera, A. Wagler).

Co-author. BUILDING SCHOLARS: Combining Asset Bundles with High Impact Practices. NIH/NIGMS Training and Workforce Development Program Directors' Meeting. June, Baltimore, MD. (Presenter: L. Echegoyen; coauthors: S. Aley, T. Boland, G. Corral, M. Cox, S. Grineski, O. Morera, A. Wagler).

Co-author. BUILDING SCHOLARS at the University of Texas at El Paso: an asset bundles approach. Session featuring NIH-funded BUILD Sites ("BUILD Sites: One Goal with Multiple Approaches to Diversify the NIH Workforce"), Understanding Interventions Conference. March, San Antonio, TX. (Presenter: L. Echegoyen; coauthors: S. Aley, T. Boland, G. Corral, M. Cox, S. Grineski, O. Morera, H. Nazeran).

2016

Presenter. Spaces of heightened risk to extreme heat in a border metropolis. Rio Grande/Bravo Extreme Heat and Health Workshop, sponsored by the City of El Paso, UTEP, Texas Tech University, National Oceanic and Atmospheric Administration, and University of Arizona. July, El Paso, TX.

Presenter. Cancer risk from air pollution: analyzing environmental injustice in Houston, TX. Arizona State University, School of Human Evolution and Social Change. March, Tempe, AZ.

2015

Panelist. Peer Review Process for Grant Proposals and Research Publications. The Bill Anderson Fund Student Council Workshop Series (see <http://billandersonfund.org/>). November, Virtual Webinar.

Discussant. The Production of Uneven Social Vulnerability. Paper Session at the meetings of the Association of American Geographers. April, Chicago, IL.

Panelist. Locating vulnerability in affluence, privilege and risk offsetting resources (or the lack thereof). Panel Session at the meetings of the Association of American Geographers. April, Chicago, IL.

Presenter. Rescaling environmental justice analysis: influences on disproportionate exposure to hazardous air pollutants in Greater Houston. Texas A&M University, Geography Department. March, College Station, TX.

2014

Discussant. Coastal Hazards, Risks and Disasters: Enhancing Safety in an Era of Global Change. Panel Session at the meetings of the Association of American Geographers. April, Tampa, FL.

Presenter. Undergraduate research training needs assessment results. BUILDing SCHOLARS Consortium Planning Workshop. January, El Paso, TX.

2013

Co-Presenter. Children's respiratory health: results from a 2012 EPISD survey. Invited presentation for the Colonias Working Group. (Co-Presenters: S. Grineski and *A. Balcazar). December, El Paso, TX.

Presenter/Participant. Children's vulnerability to climate change in a border metropolitan area. Southwest Consortium for Environmental Research and Policy Annual Technical Conference, hosted by the Arizona State University North American Center for Transborder Studies. March, Tempe, AZ.

2012

Co-presenter. Multiculturalism and environmental justice. University of Wisconsin-Stout, Social Science Department. December, Menomonie, WI. (Travel, lodging, honorarium provided). (Co-Presenter: S. Grineski).

Co-author. Collaborative Research: Advancing environmental equity research: vulnerability to air pollution and flood risks in Houston and Miami. The 2012 National Science Foundation, Civil, Mechanical and Manufacturing Innovation (CMMI) Research and Innovation Conference: Engineering Transformation through Partnerships. July, Boston, MA. (Presenter: J. Chakraborty; co-author: S. Grineski).

Co-author. Cancer risks from exposure to vehicular air pollution: intra-ethnic inequities in Miami, Florida. Keynote paper presented at the *Race, Ethnicity and Place IV Conference*. October 24-26, San Juan, Puerto Rico. (Presenter: J. Chakraborty; co-author: S. Grineski).

Discussant/Participant. Expert panel: Social characteristics of 'extreme' wildfires. Part of a NASA funded project (through the University of Idaho Conservation Social Sciences program) with the goal of better understanding the social and biophysical characteristics of 'extreme' wildfire events in the northwestern U.S. May, virtual panel meeting.

Presenter/Participant. Mapping vulnerability to climate change-related hazards: a U.S.-Mexico border example. Workshop on Migration, Urbanization and Climate Change. Sponsored by The University of Colorado at Boulder's Population Center (CUPC) and the National Center for Atmospheric Research (NCAR) Resilient and Sustainable Cities (RS-Cities) Project. May, Boulder, CO.

2011

Presenter. Children's vulnerability to climate change at the border. UTEP College of Health Sciences Healthy Exchange Series. November, El Paso, TX.

Presenter. Métodos para la cartografía de la vulnerabilidad social a las amenazas del cambio climático: una aplicación en la frontera México-Estados Unidos [Methods for mapping social vulnerability to climate change-related hazards: an application at the US-Mexico border]. *II Coloquio Mesoamericano de Investigación y Acción Social en Desastres y Salud* [Second Mesoamerican Conference for Research and Social Action on Disasters and Health]. University of Costa Rica, October, San Pedro, CR. (Co-authors: S. Grineski, *A. Jimenez).

Co-author. Los impactos desproporcionados en la salud debido a un desastre por las inundaciones en El Paso (Tejas, EE.UU.) [Disproportionate health impacts of a flood disaster in El Paso (Texas, USA)]. *II Coloquio Mesoamericano de Investigación y Acción Social en Desastres y Salud* [Second Mesoamerican Conference for Research and Social Action on Disasters and Health]. University of Costa Rica, October, San Pedro, CR. (Presenter: S. Grineski; co-author: *A. Jimenez).

Participant. Expert focus group: Human Adaptive Capacity to/for Wildfire (funded by the US Joint Fire Science Program). Annual Natural Hazards Research and Application Workshop. July, Broomfield, CO. (Other invited focus group participants included Kathleen Tierney, Susan Cutter, Thomas Cova, William Travis).

Panelist. Faculty panel: scientific lessons learned from the 2011 Japan earthquake and tsunami. UTEP Sigma-Xi Luncheon. March, El Paso, TX.

Presenter/Discussant. Faculty panel: compressed online course development. UTEP Sun Conference. April, El Paso, TX.

2010

Co-presenter. Differential impacts of flash flooding across the *Paso del Norte*. UTEP Environmental Science and Engineering Doctoral Program. November, El Paso, TX.

2009

Co-presenter. Environmental inequity in the borderlands. Invited presentation for Border Awareness Experience participants, Annunciation House. June, El Paso, TX.

Presenter. Human dimensions of the 2006 *Paso del Norte* floods: an overview. Women's History Month presentation, sponsored by the UTEP Department of Biological Sciences and Border Biomedical Research Center. March, El Paso, TX.

2007

Featured Author/Presenter. Gilbert F. White Award special panel session. Research presented and discussed at the meetings of the Association of American Geographers. April, San Francisco, CA.

Featured Author/Presenter. Eric Wolf Prize special award session. Research presented at the meetings of the Society for Applied Anthropology. March, Tampa, FL.

2006

Co-presenter. Peri-urban growth, water conflicts, and vulnerability. Decision Center for a Desert City-National Science Foundation External Advisory Committee Meeting. May, Tempe, AZ.

Presenter. Understanding social vulnerability: the case of people, forests, and fire in Arizona's White Mountains. The UTEP Department of Sociology and Anthropology. March, El Paso, TX.

Presenter. Understanding wildfire hazard vulnerability. Ohio University Department of Geography. February, Athens, OH.

2005

Presenter. Understanding wildfire hazard vulnerability in the US West. San Diego State University Department of Geography, November, San Diego, CA.

Presenter. Results of survey on forest management and fire hazard in the White Mountains. United States Forest Service White Mountain Stewardship Contract Multi-party Monitoring Board. June, Pinetop, AZ.

2004

Presenter. Preliminary analysis: residential survey on forest management and fire hazard in the White Mountains. White Mountain Natural Resources Working Group. November, Lakeside, AZ.

Selected Conference Presentations

2019

- Disparities in Health Impacts and Access to Care among Houston Area Residents after Hurricane Harvey. Global Change & Sustainability Center Environment & Sustainability Research Symposium, University of Utah, Salt Lake City, UT. (Flores, A., T. Collins, S. Grineski, J. Chakraborty).
- Unequal Exposure to Cancer-Causing Hazardous Air Pollutants Based on Ancestry in the United States. Global Change & Sustainability Center Research Symposium, University of Utah, Salt Lake City, UT. (R. Rubio, S. Grineski, T. Collins, D. Morales).
- Disparities in Health Impacts and Access to Care among Houston Area Residents in Hurricane Harvey. Paper to be presented at the meetings of the American Association of Geographers, Washington, DC. (A. Flores–J. X. Kasperson Award Winner, T. Collins, S. Grineski, J. Chakraborty).
- Social Disparities in Exposure to Air and Road Transportation Noise at US Public Schools. Paper to be presented at the meetings of the American Association of Geographers, Washington, DC. (S. Nadybal, T. Collins, S. Grineski).
- Disproportionate exposure to cancer-causing hazardous air pollutants based on ancestry within the United States. Paper submitted for presentation at the meetings of the American Sociological Association, New York, NY. (R. Rubio, S. Grineski, T. Collins, D. Morales).
- Social Disparities in Exposure to Noise at Public Schools in the Contiguous United States. Paper submitted for presentation at the meetings of the American Sociological Association, New York, NY. (T. Collins, S. Grineski, S. Nadybal).
- The impact of Hurricane Harvey on Greater Houston households: Comparing pre-event preparedness with post-event health effects, event exposures, and recovery. Paper submitted for presentation at the meetings of the American Sociological Association, New York, NY. (S. Grineski, A. Flores, T. Collins, J. Chakraborty).

2018

- Effects of sex concordance in mentoring relationships on summer research experience outcomes for undergraduate students. Presented at the meetings of the American Sociological Association, Philadelphia, PA. (D. Morales, S. Grineski, T. Collins).

2017

- Environmental injustice and sexual minorities: a national study of air pollution risks among same-sex partners. Presented at the meetings of the American Sociological Association, Montreal, Canada. (T. Collins, S. Grineski, D. Morales).
- The model minority myth exposed: carcinogenic air toxics among Asian Americans in four immigrant gateways. Presented at the meetings of the American Sociological Association, Montreal, Canada. (S. Grineski, D. Morales, T. Collins, E. Hernandez, A. Fuentes).
- BUILDing SCHOLARS: undergraduate student interventions to prepare the next generation of biomedical researchers. Poster presented at the Understanding Interventions Conference, San Antonio, TX. (L. Echevoyen, G. Corral, S. Aley, T. Collins, S. Grineski).

2016

- Environmental injustice and Hispanic heterogeneity: a household-level analysis of vehicular air pollutants in Miami, FL. Paper presented at the Race, Ethnicity & Place VIII Conference, Kent, OH. (J. Chakraborty, T. Collins, S. Grineski).
- A qualitative examination of factors shaping exposures to hazardous air pollutants among Hispanic households in Miami. Paper presented at the meetings of the American Sociological Association, Seattle, WA. (*J. Rocha, S. Grineski, T. Collins).

School-based exposure to hazardous air pollutants and grade point average: a multi-level study. Paper presented at the meetings of the American Sociological Association, Seattle, WA. (S. Grineski, S. Clark, T. Collins).

Factors influencing student gains from undergraduate research experiences at a Hispanic serving institution. Paper presented at the meetings of the American Sociological Association, Seattle, WA. (*H. Daniels, S. Grineski, T. Collins, D. Morales, O. Morera).

Social disparities in the distribution of air pollution risks: comparing perceptions and exposure in Houston, Texas. Paper presented at the International Geographical Congress (annual meeting of the International Geographical Union), Beijing, China [selection based on abstract peer-review]. (J. Chakraborty, T. Collins, S. Grineski, A. Maldonado).

Determinants of research productivity in undergraduate research: a faculty perspective. Council on Undergraduate Research Biennial Conference, Tampa, FL [selection based on abstract peer-review]. (D. Morales, S. Grineski, T. Collins, L. Echevoyen).

2015

Faculty motivation to mentor students through undergraduate research programs: a study of enabling and constraining factors. Paper presented at the 8th Annual Mentoring Conference, Albuquerque, NM. (D. Morales, S. Grineski, T. Collins).

Hispanic immigrants' vulnerabilities to flood and hurricane hazards in two US metro areas. Paper presented at the meetings of the American Sociological Association, Chicago, IL. (A. Maldonado, T. Collins, S. Grineski).

Determinants of Household-level Air Toxics Cancer Risk Disparities in Greater Miami, Florida. Paper presented at the meetings of the Association of American Geographers, Chicago, IL. (T. Collins, S. Grineski, J. Chakraborty, M. Montgomery).

Effects of Dasymetric Modeling on Environmental Justice Analyses of Flood Hazards Exposure. Paper presented at the meetings of the Association of American Geographers, Chicago, IL. (J. Chakraborty, T. Collins, S. Grineski, M. Montgomery).

Cancer Risks from Exposure to Vehicular Air Pollution: A Household Level Analysis of Intra-Ethnic Inequities in Miami, Florida. Paper presented at the meetings of the Association of American Geographers, Chicago, IL. (T. Collins, S. Grineski, J. Chakraborty, M. Montgomery).

The roles of hazard types and characteristics on household-level patterns of environmental injustice in Greater Miami Florida. Paper presented at the meetings of the Association of American Geographers, Chicago, IL. (S. Grineski, T. Collins, J. Chakraborty, M. Montgomery).

2014

Developing a methodological framework for estimating water productivity indicators in water scarce regions. Poster presented at the meetings of the American Geophysical Union, San Francisco, CA. (S. Mubako, T. Fullerton, A. Welke, T. Collins, G. Mubako, and S. Walker).

Effects of individual-level acculturation and neighborhood ethnic enclaves on children's respiratory health. Paper presented at the meetings of the Association of American Geographers, Tampa, FL. (S. Grineski, T. Collins, Y. Kim).

Environmental Justice Analysis of Coastal Hazards and Amenities in Miami, FL. Paper presented at the meetings of the Association of American Geographers, Tampa, FL. (M. Montgomery, J. Chakraborty, T. Collins, S. Grineski).

Low Birth Weight, Prenatal Smoking, Breastfeeding and Pest Exposure Modify the Effect of Acculturation on Hispanic Children's Asthma. Paper presented at the meetings of the Association of American Geographers, Tampa, FL. (P. Chavez-Payan, S. Grineski, T. Collins).

- Hispanic Communities and Environmental Justice: A Comparative Study of Mobility and Exposure to Air Toxics in Houston. Paper presented at the meetings of the Association of American Geographers, Tampa, FL. (M. Hernandez, J. X. Kasperson Award Winner [T. Collins, primary advisor]).
- Immigrants and Environmental Justice in Comparative Context: Social Vulnerability to Flooding and on the Road to Recovery across Social Groups. Paper presented at the meetings of the Association of American Geographers, Tampa, FL. (*A. Maldonado, J. X. Kasperson Award Winner [T. Collins, primary advisor]).
- Does exposure to hazardous air pollution contribute to disparities in school performance? Paper presented at the meetings of the Association of American Geographers, Tampa, FL. (S. Clark-Reyna, S. Grineski, T. Collins).
- The Roles of Immigrant Generational Status and Citizenship in Children's Healthcare Access: Considering the Fourth Generation. Paper presented at the meetings of the Association of American Geographers, Tampa, FL. (*A. Balcazar, S. Grineski, T. Collins).
- Separate and Environmentally Unequal: A Micro-sociospatial Analysis of Residential Segregation and Disproportionate Risk Exposure. Paper presented at the meetings of the Association of American Geographers, Tampa, FL. (*D. Payan, T. Collins, S. Grineski, M. Hernandez).
- Health and Environmental Justice in Houston and Miami: A mixed method approach. Paper presented at the meetings of the Association of American Geographers, Tampa, FL. (*S. de Anda, S. Grineski, T. Collins).
- A scalable model for assessing incidence, treatment costs, and socio-spatial disparities for diseases with well-documented climate change linkages. Paper presented at the meetings of the Association of American Geographers, Tampa, FL. (Y. McDonald, S. Grineski, T. Collins, Y. Kim).
- Citizenship, ethnicity and environmental justice: pinpointing the social vulnerabilities of Hispanic immigrants. Poster presented at the UTEP Campus Office of Undergraduate Research Initiatives spring symposium, El Paso, TX. (*A. Maldonado, T. Collins, S. Grineski).
- Developing a methodological framework for estimating water productivity indicators in water scarce regions. Poster presented at the UTEP Interdisciplinary Research Symposium, El Paso, TX. (S. Mubako, T. Fullerton, A. Welke, T. Collins, G. Mubako, S. Walker).
- 2013
- The incidence of diseases associated with climate change in Texas, 2008-2010: an examination of economic impacts and socio-spatial disparities. Paper presented at the 15th International Symposium in Medical/Health Geography, East Lansing, MI. (Y. McDonald, S. Grineski, T. Collins, Y. Kim).
- Downscaling environmental justice analysis: household-level disparities in cancer risks from air toxics. Paper presented at the meetings of the Association of American Geographers, Los Angeles, CA. (T. Collins, S. Grineski, J. Chakraborty, M. Montgomery).
- Hazardous air pollutants and flooding: a comparative interurban study of environmental injustice. Paper presented at the meetings of the Association of American Geographers, Los Angeles, CA. (S. Grineski, T. Collins, J. Chakraborty, M. Montgomery).
- Immigrant communities and environmental justice: a comparative study of residential mobility and exposure to air toxics. Paper presented at the meetings of the Association of American Geographers, Los Angeles, CA. (M. Hernandez, T. Collins, S. Grineski, J. Chakraborty).

Exploring factors creating vulnerability and resilience to flooding for US Hispanic households: environmental justice implications. Paper presented at the meetings of the Association of American Geographers, Los Angeles, CA. (*J. Castañeda III, T. Collins, S. Grineski, M. Hernandez).

The Hispanic health paradox and children's respiratory health in the U.S.- México border region. Paper presented at the meetings of the Association of American Geographers, Los Angeles, CA. (P. Chavez-Payan, S. Grineski, T. Collins).

Objective and relative neighborhood deprivation and children's asthma in El Paso, TX. Paper presented at the meetings of the Association of American Geographers, Los Angeles, CA. (Y. Kim, S. Grineski, T. Collins).

2012

Advancing environmental justice research: an expanded framework for the analysis of distributive injustice. Paper presented at the meetings of the Association of American Geographers, New York, NY. (T. Collins, J. Chakraborty, S. Grineski).

After the flood: A survey-based assessment of respiratory health impacts on El Paso's (Texas) Hispanic youth. Paper presented at the meetings of the American Sociological Association, August, Denver, CO. (*Jimenez, A., T. Collins, S. Grineski).

Hispanic heterogeneity and environmental injustice: intra-ethnic patterns of exposure to vehicular air pollution in Miami. Paper presented at the meetings of the Association of American Geographers, New York, NY. (S. Grineski, J. Chakraborty, T. Collins).

Spatial and social inequities in exposure to flood hazards: a case study in Miami, Florida. Paper presented at the International Geographical Congress (annual meeting of the International Geographical Union), Cologne, Germany [selection based on abstract peer-review]. (J. Chakraborty, T. Collins, S. Grineski, M. Montgomery).

2011

Cambio climático en la evaluación de la vulnerabilidad a riesgos ambientales en ciudades de la Frontera México-Estados Unidos. Paper presented at a El Colegio de la Frontera Norte (COLEF)-sponsored conference, *En la frontera de los riesgos: Balance y perspectivas*, Tijuana, Mexico (L. Romo, T. Collins, et al.).

Health inequalities in disaster: an examination of households experiencing home site damage in the 2006 El Paso County floods. Paper presented at the meetings of the Association of American Geographers, Seattle, WA. (T. Collins, *A. Jimenez, Y. McDonald, *L. Sifuentes).

Social inequality, flood hazard, and the geography of unequal risk at the US-Mexico border. Paper presented at NSF-funded conference, Sustainability on the Border: Water, Climate, and Social Change in a Fragile Landscape, El Paso, TX.

Flood risk, peak ozone, and extreme heat: children, climate change, and environmental injustice in a bi-national context. Paper presented at NSF-funded conference, Sustainability on the Border: Water, Climate, and Social Change in a Fragile Landscape, El Paso, TX. (S. Grineski, T. Collins, et al.).

2010

The spatiality of risk perception: implications for community forest management and wildfire hazard mitigation. Paper presented in the Regular Paper Session on Risk at the meetings of the American Sociological Association, Atlanta, GA.

2009

Environmental injustices in transnational context: predictors of proximity to industrial hazards in the El Paso/Ciudad Juárez metropolis. Paper presented at the meetings of the Association of American Geographers, Las Vegas, NV. (S. Grineski, T. Collins).

- Variable impacts and differential response to flash flooding in the *Paso del Norte* metroplex (El Paso, Texas, USA / Ciudad Juárez, Chihuahua, Mexico). Paper presented at the meetings of the American Meteorological Society, Phoenix, AZ. (T. Gill, T. Collins, D. Novlan).
- 2008
Marginalization/facilitation: a frame for comparative understanding of hazard vulnerability. Paper presented at the meetings of the Association of American Geographers, Boston, MA.
- 2007
Determinants of disaster risk: wildfire hazards and social vulnerability in Arizona's high country. Paper presented at the meetings of the American Sociological Association, New York City.
Pumping groundwater, draining rivers: a political ecology of water and development in rural Arizona. Paper presented at the meetings of the Association of American Geographers, San Francisco, CA. (B. Bolin, T. Collins, K. Darby).
Marginalization, facilitation, and the production of risk. Paper presented at the meetings of the Society for Applied Anthropology, Tampa, FL.
Growth and groundwater in highland Arizona: the political ecology of a contested resource. Paper presented at the Hawaii International Conference on Social Sciences, Honolulu, HI. (T. Collins, B. Bolin).
- 2005
People, forests, and fire hazard vulnerability in Arizona's White Mountains. Paper presented at the meetings of the Association of Pacific Coast Geographers, Phoenix, AZ.
The uneven geography of downtown redevelopment: sources, processes, and consequences of sports stadium building. Paper presented at the meetings of the American Sociological Association, Philadelphia, PA.
Urban growth, drought, and rural vulnerability: a DCDC research agenda. Paper presented at the Arizona Tri-University Water Conference, Flagstaff, AZ. (B. Bolin, T. Collins).
Wildland-urban interface fire hazard vulnerability in Arizona's White Mountains. Paper presented at the meetings of the Association of American Geographers, Denver, CO. (T. Collins, S. Grineski).
- 2004
The geography of despair: environmental racism and the making of South Phoenix, Arizona, USA. Paper presented at the international conference – Nature, Science, and Social Movements – Mytilene, Greece. (B. Bolin, S. Grineski, T. Collins).
- 2003
Understanding human-environmental crisis on Arizona's Mogollon Rim. Paper presented at the meetings of the Association of American Geographers, New Orleans, LA.
- 2002
Urban hazard vulnerability and community-based research. Paper presented at the Annual Hazards Research and Applications Workshop, Boulder, CO. (Co-author with S. Grineski).
The story of Bank One Ballpark: downtown redevelopment and neighborhood change in Phoenix, Arizona. Paper presented at the meetings of the Association of Pacific Coast Geographers, San Bernardino, CA.
Eastlake Park: an interdisciplinary approach to urban ecology. Paper presented at the meetings of the Ecological Society of America, Tucson, AZ. (K. Gade, first author)
Toxic conflict and environmental justice in South Phoenix. Paper presented at the meetings of the Association of American Geographers, Los Angeles, CA.
- 2001
Toxic landscapes, race, and environmental justice in South Phoenix. Paper presented at the meetings of the Association of Pacific Coast Geographers, Santa Barbara, CA.

An integrated appraisal of the wildland/urban interface fire hazard, Forest Ranch, California. Illustrated paper presented at the meetings of the Association of American Geographers, New York, NY.

Environmental equity in Phoenix, Arizona: the spatial distributions of hazardous facilities and vulnerable populations. Paper presented at the Federal-State Toxicology and Risk Analysis Committee Meeting, Phoenix, AZ. (B. Bolin, first author).

2000

Preliminary results from a residential survey on fire hazard issues, Forest Ranch, California. Paper presented at the Western Geography Student Conference, Boulder, CO.

1999

Changing patterns of international terrorism in the modern era. Paper presented at the meetings of the California Geographical Society, Camarillo, CA.

Collaborative Research Experience

Research Team Co-leader. Collaborative team studying influences on exposure to flood and air pollution risks in Houston and Miami, including faculty and student researchers. 2011 – present.

Research Team Co-leader. Collaborative team studying undergraduate research and mentoring, including faculty and student researchers. 2014 – present.

Research Team Co-leader. Collaborative team studying environmental hazards, vulnerability and health in Costa Rica, included faculty and student researchers from the University of Costa Rica. 2012 – 2017.

Research Team Co-leader. Studying social and environmental determinants of children's respiratory health in El Paso, Texas, included faculty and student researchers from UTEP. 2011 – 2016.

Research Team Leader. Collaborative bi-national team studied children's vulnerability to climate change at the U.S.-Mexico border, included faculty and student researchers from UTEP, Universidad Autónoma de Ciudad Juárez, El Colegio de la Frontera Norte, and the Pan-American Health Organization. 2009 – 2013.

Research Team Leader. Studied health effects of the 2006 El Paso County floods for households experiencing home site damage, included student researchers from UTEP. 2010 – 2013.

Research Team Leader. Studied organizations providing response, recovery, and hazard reduction assistance for victims of the 2006 *Paso del Norte* Floods in El Paso and Ciudad Juárez, included student researchers from UTEP. 2007 – 2009.

Research Team Member. Decision Center for a Desert City Vulnerability Group, studied water resource management and social vulnerability in the context of climate change in central Arizona, included faculty and student researchers from ASU. 2005 – 2008.

Research Team Member. Central Arizona Phoenix – Long Term Ecological Research, Environmental Risk Group, studied environmental justice issues in central Arizona, included faculty and student researchers from ASU. 2000 – 2004.

Teaching and Research Mentoring Experience

Courses Taught

Challenges to Global Sustainability. Spring 2019.

Geography of North America. Fall 2018.

Environmental Justice Research. Seminar. Spring 2018.

Cultural Geography (face-to-face). Spring 2007-2011, Fall 2012, Fall 2014 (7 times)

Cultural Geography (on-line). Fall 2008-2009 (2)

Cultural Geography (on-line, compressed). Fall 2010-2011, Spring 2012, Fall 2013, Fall 2015, Fall 2016 (6)

Environment and Society. Graduate Seminar. Fall 2008, Fall 2010, Spring 2013 (3)

Environmental Sociology/Ecological Anthropology. Fall 2006-2011, Fall 2013, Spring 2013, Fall 2015-2017 (11)

Introduction to Geographical Information Systems for the Social Sciences. Spring 2007-2011 (5)

Quantitative Methods. Graduate Seminar. Fall 2014 (1)

Thinking Spatially. Fall 2007 (1)

Urban Sociology. Fall 2007, Spring 2009-2010 (3)

Environmental Geography. At ASU (1)

Introduction to Physical Geography (lab instructor). At ASU (1)

Dissertation/Thesis Committees – In Progress

Committee Member. Victor Alaves, Ph.D. Occupational and Environmental Health, University of Utah.

Committee Chair. Ryan Hile, Ph.D. Geography, University of Utah.

Committee Member. Matt McCullough, Ph.D. Geography, University of Utah.

Committee Member. Meitong Liu, M.S., Geography, University of Utah.

Committee Member. Emily Willis, Ph.D. Political Science, University of Utah.

Committee Member. Cooper MacCourtney, Professional Masters of Science and Technology (PMST) program, University of Utah.

Committee Member. Jaime Ruiz, Ph.D. History, UTEP. ABD.

Committee Member. Maria Schrock, Ph.D. History, UTEP. ABD.

Dissertation/Thesis Committees – Completed

Committee Member. Michel Loustaunau, M.A. Sociology, UTEP, Fall 2018.

Committee Member. Bruce Mitchell, Ph.D. Geography, University of South Florida. Graduated, Spring 2017.

Committee Member. Heather Daniels, M.A. Sociology. Graduated, Spring 2017.

Committee Member. Andrea Everett, M.S. Environmental Science. Graduated, Fall 2016.

Committee Member. Joanne Kropp, Ph.D. History. Graduated, Fall 2016.

Committee Chair. Alejandra Maldonado, M.A. Sociology. Graduated, Summer 2016.

Committee Member. Stephanie Clark-Reyna, M.A. Sociology. Graduated, Spring 2015.

Committee Chair. Maricarmen Hernandez, M.A. Sociology. Graduated, Spring 2014.

Committee Member. Marilyn Montgomery, Ph.D. Geography, University of South Florida. Graduated, Spring 2014.

Committee Chair. Faraj AboArgob, Ph.D. Environmental Sciences and Engineering (ESE). Graduated, Fall 2013.

Committee Member. Abdelatif Eldeb, Ph.D. ESE. Graduated, Fall 2013.

Committee Member. Paola Chavez-Payan, M.A. Sociology. Graduated, Fall 2013.

Committee Chair. Young-An Kim, M.A. Sociology. Graduated, Spring 2013.

Committee Chair. Mauricio Austin, M.A. Sociology. Graduated, Spring 2013.

Committee Chair. Anthony Jimenez, M.A. Sociology. Graduated, Spring 2012.

Committee Member. Yolanda McDonald, M.A. Sociology. Graduated, Spring 2012.

Committee Member. Adrian Perez, M.A. History. Graduated, Spring 2012.

Committee Member. Maggie Nelan, M.A. Sociology. Graduated, Spring 2011.

Committee Member. Alma Hernandez, M.A. Sociology. Graduated, Spring 2011.

Committee Member. Javier Vasquez, M.A. Sociology. Graduated, Fall 2010.

- Committee Member.** Erin Quevedo, M.A. Interdisciplinary Studies. Graduated, Fall 2010
- Committee Member.** Angelica Forero, M.A. Sociology. Graduated, Fall 2010.
- Committee Member.** Clarisa Lemus, M.A. Sociology. Graduated, Spring 2010.
- Committee Member.** Nicholas Emerick, M.A. Sociology. Graduated, Spring 2010.
- Committee Member.** Cristina Sanchez, M.A. Sociology. Graduated, Fall 2009.
- Committee Member.** Srijana Basnyat, M.A. Interdisciplinary Studies. Graduated, Summer 2009.
- Committee Member.** Martha Flores, M.A. Sociology. Graduated, Spring 2007.

Graduate and Undergraduate Mentoring

- Angel Griego**, Undergraduate Research on environmental justice. Spring 2019 – ongoing. (Funded by Research Experiences for Undergraduates Supplement to National Science Foundation Award #: CMMI-1760655).
- Alyssa Castor**, Undergraduate Research on environmental justice. Spring 2019 – ongoing. (Funded by Research Experiences for Undergraduates Supplement to National Science Foundation Award #: CMMI-1760655).
- Shawna Nadybal**, Graduate research in geography on environmental justice. Fall 2018 – ongoing (undetermined end date).
- Aaron Flores**, Graduate research in geography on environmental justice. Fall 2018 – ongoing.
- Ricardo Rubio**, Graduate research in sociology on environmental justice. Fall 2018 – ongoing.
- Casey Mullen**, Graduate research in sociology on environmental justice. Fall 2018 – ongoing.
- Savannah Mailloux**, Undergraduate research on disparities in access to vitality-enhancing locations. Fall 2018-Spring 2019. (Funded by University of Utah UROP).
- Diana Moreno**, Undergraduate student in the freshman cohort of the National Institutes of Health-funded BUILDing SCHOLARS program. Fall 2017.
- Samantha Ordaz**, Undergraduate student in the freshman cohort of the National Institutes of Health-funded BUILDing SCHOLARS program. Fall 2017.
- Ricardo Rubio**, Undergraduate Research on the impacts of undergraduate research training programs and children’s health. Spring 2017-ongoing. (Funded by National Institutes of Health Award #: 1U54MD009476-01 and an investigator incentive account).
- Nathalie Prieto**, Undergraduate Research on children’s health. Summer 2017. (Funded by an investigator incentive account).
- Joel Reyes**, Undergraduate student in the freshman cohort of the National Institutes of Health-funded BUILDing SCHOLARS program. Spring 2017.
- Andrew Rios**, Undergraduate student in the freshman cohort of the National Institutes of Health-funded BUILDing SCHOLARS program. Spring 2017.
- Leeshia Crayton**, Masters of Public Health Student. Department of Environmental & Occupational Health Sciences, University of North Texas Health Science Center. Fall 2016. (Through the National Institutes of Health-funded National Research Mentoring Network).
- Ana Fuentes**, Undergraduate Research on environmental justice. Summer 2016. (Funded by National Institutes of Health Award #: 1U54MD009476-01).
- Estefania Hernandez**, Undergraduate Research on environmental justice. Summer 2016. (Funded by Research Experiences for Undergraduates Supplement to National Science Foundation Award #: CMMI-1129984).
- Analisse Acosta**, Undergraduate Research on the impacts of undergraduate research training programs. Spring 2016-Spring 2017. (Funded by an investigator incentive account).
- Heather Daniels**, Graduate Research on the impacts of undergraduate research training programs. Fall 2015-Spring 2016. (Funded by National Institutes of Health Award #: 1U54MD009476-01).

- Gabrielle Mendoza**, Undergraduate Research on the impacts of undergraduate research training programs. Fall 2015-Summer 2016. (Funded by an investigator incentive account associated with National Institutes of Health Award #: 3P20MD002287-05S1).
- Heather Daniels**, Undergraduate Research on the impacts of undergraduate research training programs. Spring and Summer 2015. (Funded by an investigator incentive account associated with National Institutes of Health Award #: 3P20MD002287-05S1).
- Tierra Brooks**, Undergraduate Research on environmental justice. Fall 2014-Summer 2015. (Funded by Research Experiences for Undergraduates Supplement to National Science Foundation Award #: CMMI-1129984).
- Jonathan Rocha**, Undergraduate Research on environmental justice. Fall 2014-Summer 2015. (Funded by Research Experiences for Undergraduates Supplement to National Science Foundation Award #: CMMI-1129984).
- Alejandra Maldonado**, Graduate Research on environmental justice. Summer 2014-Spring 2015. (Funded by National Science Foundation Award #: CMMI-1129984 & a UTEP Provost's Summer Research Assistant Program Award).
- Jessica Shenberger-Trujillo**, Graduate Research on the impacts of undergraduate research training programs. Spring and Summer 2014. (Funded by National Institutes of Health Award #: 1P20MD008700-01).
- Stephanie Clark-Reyna**, Graduate Research on environmental health disparities. Spring and Summer 2014. (Funded by National Institutes of Health Award #: 3P20MD002287-05S1).
- Monica Sianez**, Graduate Research on health disparities. Spring and Summer 2014. (Funded by National Institutes of Health Award #: 3P20MD002287-05S1).
- Alejandra Maldonado**, Undergraduate Research on environmental justice. Fall 2013-Summer 2014. (Funded by Research Experiences for Undergraduates Supplement to National Science Foundation Award #: CMMI-1129984).
- Sofia De Anda**, Research on the impacts of undergraduate research training programs. Fall 2013-Spring 2014. (Funded by National Institutes of Health Award #: 1P20MD008700-01).
- Alexander Balcazar**, Undergraduate Research on environmental health disparities. Summer 2013-Summer 2014. (Funded by the Department of Homeland Security Summer Scholars Academy Undergraduate Research Program & National Institutes of Health Award #: 3P20MD002287-05S1).
- Dorian Payan**, Undergraduate Research on environmental justice. Summer 2013-Summer 2014. (Funded by Research Experiences for Undergraduates Supplement to National Science Foundation Award #: CMMI-1129984).
- Maricarmen Hernandez**, Graduate Research on environmental justice. Fall 2012-Summer 2014. (Funded by National Science Foundation Award #: CMMI-1129984).
- Sofia De Anda**, Undergraduate Research on environmental justice. Summer 2013. (Funded by National Science Foundation Award #: CMMI-1129984).
- Jose Castaneda**, Undergraduate Research on environmental justice. Fall 2012-Summer 2013. (Funded by Research Experiences for Undergraduates Supplement to National Science Foundation Award #: CMMI-1129984).
- Mauricio Austin**, Graduate Research on substance abuse and rehabilitation. Summer and Fall 2012.
- Young-an Kim**, Graduate Research on environmental health disparities. Fall 2012-Summer 2013. (Funded by National Aeronautics and Space Administration Award #: NNX12AF49A).
- Paola Chavez-Payan**, Graduate Research on environmental health disparities. Fall 2012-Fall 2013. (Funded by National Institutes of Health Award #: 3P20MD002287-05S1).

- Jim Henry**, Undergraduate Research on GIS-based spatial analysis of human exposure to air pollution and flood risks. Fall 2012.
- Faraj AboArgob**, Graduate Research on determinants of extreme heat exposure. Spring 2012-Fall 2013.
- Marie Gaines**, Undergraduate Research on environmental health disparities. Spring, Summer, and Fall 2012. (Funded by National Institutes of Health Award #: 3P20MD002287-05S1).
- Anthony Jimenez**, Graduate Research on environmental health disparities. Spring and Summer 2012. (Funded by National Institutes of Health Award #: 3P20MD002287-05S1).
- Stephanie Clark-Reyna**, Undergraduate Research on environmental health disparities. Spring and Summer 2012. (Funded by National Institutes of Health Award #: 3P20MD002287-05S1).
- Faraj AboArgob**, Graduate Research on determinants of extreme heat exposure. Fall 2011.
- Yolanda McDonald**, Graduate Research on climate change vulnerability in El Paso and Ciudad Juárez. Summer 2011-Summer 2012. (Funded by Environmental Protection Agency, Southwest Consortium for Environmental Research and Policy Award #: EM 83486101-01).
- Leslie Landin**, Undergraduate Research on gender and transnational development organization-local state dynamics. Summer and Fall 2011.
- Anthony Jimenez**, Graduate Research on gender and transnational development organization-local state dynamics. Summer 2011-Spring 2012.
- Anthony Jimenez**, Graduate Research on climate change vulnerability in El Paso and Ciudad Juárez. Summer 2011. (Funded by the UTEP Center for Environmental Resource Management).
- Faraj AboArgob**, Graduate Research on climate change vulnerability in El Paso and Ciudad Juárez. Summer 2011.
- Gema Gonzales**, Undergraduate Research on health effects of the 2006 El Paso County floods. Spring 2011.
- Faraj AboArgob**, Graduate Research on environmental geography. Spring 2011.
- Lorena Mondragon**, Undergraduate Research: “A multimethod examination of the Eco-Vida sustainability outreach program in the *Paso del Norte*.” Spring 2010-Spring 2011. (Funded by an Environmental Protection Agency, Southwest Consortium for Environmental Research and Policy Environmental Student Fellowship).
- Faraj AboArgob**, Graduate Research on environmental geography. Fall 2010.
- Yolanda McDonald**, Graduate Research on industrial health risks in El Paso County, Texas. Summer 2010. (Funded by an Environmental Protection Agency, Southwest Consortium for Environmental Research and Policy Faculty Development Program Fellowship).
- Faraj AboArgob**, Graduate Research on environmental geography. Spring 2010.
- Anthony Jimenez**, Undergraduate Research on health effects of the 2006 El Paso County floods. Spring 2010. (Funded by a National Institutes of Health, Hispanic Health Disparities Research Center Transitioning Faculty Award).
- Lorena Sifuentes**, Undergraduate Research on health effects of the 2006 El Paso County floods. Spring 2010. (Funded by an National Institutes of Health, Hispanic Health Disparities Research Center Transitioning Faculty Award).
- Vincent McCormick**, Undergraduate Research on health effects of the 2006 El Paso County floods. Spring 2010.
- Samuel Sosa**, Undergraduate GIS-based research on hazards and disasters, study focus on home site damage during the 2006 *Paso del Norte* floods. Fall 2009.
- Cristal Martinez**, Undergraduate Research on transnational aspects of the 2006 *Paso del Norte* floods. Fall 2008-Spring 2009.

Nicholas Emerick, Graduate GIS-based research on environmental inequalities in El Paso County. Summer 2008, Fall 2009.

Mathew Super, Graduate Research with GIS. Fall 2007, Spring 2008.

Enrique Rodriguez, Undergraduate Research on bi-national cooperation in emergency management. Fall 2007.

Mauricio Austin, Survey Research on environmental hazards, health, and the quality of life in the *Paso del Norte*. Summer 2007.

Mauricio Austin, Undergraduate Research on organizational responses to 2006 *Paso del Norte* floods. Spring 2007. (Funded by a UTEP University Research Initiative (URI) Grant).

Oscar Morales, Undergraduate Research on organizational responses to 2006 *Paso del Norte* floods. Spring 2007.

Martha Flores, Graduate Research on environmental justice. Fall 2006.

UTEP Undergraduate Sociology majors, advising on their programs of study. 2006 – present.

NSF Research Experiences for Undergraduates, advised three students at ASU. 2003-2006.

Selected Professional Development

Facilitating Mentor and Mentee Training Workshop. National Institutes of Health Diversity Consortium, National Research Mentoring Network, Minneapolis, MN. February 2015.

Grant Proposal Preparation Program (competitive). College of Liberal Arts, UTEP. Fall 2013.

Multilevel Modeling Training. Statistical Horizons, Philadelphia, PA. March 2012.

Spanish Language Immersion. Spanish Institute of Puebla, Mexico, June-July 2002; *Instituto de Lenguajes Puerto Escondido*, Oaxaca, Mexico, June 2008.

Weekly Spanish Classes. 2006-2013.

On-line Course Development and Management Training. University of Texas TeleCampus, Austin. 2007.

Preparing Future Faculty Fellowship (competitive). Professional development program at Arizona State University. 2001-2003.

Professional Service

University of Utah

Chair. Colloquium Committee, Department of Geography, 2018-2019.

Member. Research Advisory Committee, College of Social & Behavioral Science. 2018-2021.

Member. Graduate Committee, Department of Geography. 2018 – present.

Member. Retention, Promotion, and Tenure Committee, Department of Geography, 2018 – present.

University of Texas at El Paso

Member. Advisory Committee, UTEP Honors Program. 2016.

Member. Faculty Search Committee, Assistant Professor of Education, Medicine and Inequality, Sociology & Anthropology, UTEP. 2014-2015.

Member. Faculty Search Committee, Open Rank Quantitative Methodologist, College of Liberal Arts, UTEP. 2013-2014.

College of Liberal Arts Representative. Student Grievance Committee, UTEP. 2013-2016.

Alternate Representative. Faculty Senate, Sociology & Anthropology Department, UTEP. 2007-2016.

Member. Professional Achievement Report Revision Committee, Sociology & Anthropology Department, UTEP. 2012-2013.

Member. Graduate Program Executive Committee, Sociology & Anthropology Department, UTEP. 2011-2012.

Member. Fast Track Dual Credit Program Revision Committee, Sociology & Anthropology Department, UTEP. 2011.

Participant. College of Liberal Arts focus group: The role of the Liberal Arts in establishing UTEP as the first national research university with a 21st century demographic. 2010.

Member. Core Faculty, Environmental Science and Engineering (ESE) Ph.D. Program. 2009-2017.

Member. Faculty Search Committee, Transnational Sociologist, Sociology & Anthropology Department, UTEP. 2009-2010.

Secretary and College of Liberal Arts Representative. Undergraduate Scholarships Committee, UTEP. 2007-2011.

Member. Team of Colleges of Liberal Arts and Sciences faculty, developed and instituted a Geography Minor program, UTEP. 2007.

Professional Organization Service

Chair. Hazards, Risks and Disasters Specialty Group, American Association of Geographers. 2013-2015.

Judge. Gilbert F. White Award, Hazards, Risks and Disasters Specialty Group, American Association of Geographers. 2008, 2009, 2012, 2013, 2016-2019.

Vice President. Political Ecology Society. 2008-2010.

Committee Member. Eric Wolf Prize, Political Ecology Society. 2008-2009.

Chair. Eric Wolf Prize Committee, Political Ecology Society. 2007-2008.

Conferences/Workshops and Other Professional Service

Member. BUILDing SCHOLARS Executive Committee. 2014-2017.

Member. National Institutes of Health Diversity Program Consortium. 2014-2017.

Member. Implementation Working Group (formerly in the Evaluation Working Group, which merged with the Data Working Group in 12/2015), National Institutes of Health Diversity Program Consortium. 2014-2017.

Organizer. “Paper Sessions I & II: Jeanne X. Kasperson Award Winners from the Hazards, Risks, & Disasters Specialty Group.” Meetings of the American Association of Geographers, Chicago, IL. 2015.

Co-organizer (with J. Chakraborty and S. Grineski). “Environmental Justice in Comparative Perspective: Case Studies from Miami, Florida.” A special session sponsored by the Hazards, Risks, & Disasters Specialty Group. Meetings of the American Association of Geographers, Chicago, IL. 2015.

Organizer/Discussant. “Panel Session: Coastal Hazards, Risks and Disasters: Enhancing Safety in an Era of Global Change.” Special “Geographies of Climate Change” themed session co-sponsored by the Hazards, Risks, & Disasters Specialty Group and the Human Dimensions of Global Change Specialty Group. Meetings of the American Association of Geographers, Tampa, FL. 2014.

Organizer. “Paper Session: Jeanne X. Kasperson Award Winners from the Hazards, Risks & Disasters Specialty Group.” Meetings of the American Association of Geographers, Tampa, FL. 2014.

- Co-organizer (with J. Chakraborty and S. Grineski).** “Environmental justice research: contemporary issues and emerging topics.” Four special sessions co-sponsored by the Cultural and Political Ecology Specialty Group, the Hazards, Risks, & Disasters Specialty Group, and the Health and Medical Geography Specialty Group. Meetings of the American Association of Geographers, Tampa, FL. 2014.
- Co-organizer (with J. Chakraborty and S. Grineski).** “Environmental justice research: contemporary issues and emerging topics.” Four special sessions co-sponsored by the Cultural and Political Ecology Specialty Group, the Hazards, Risks, & Disasters Specialty Group, and the Health and Medical Geography Specialty Group. Meetings of the American Association of Geographers, Los Angeles, CA. 2013.
- Co-organizer (with J. Chakraborty and S. Grineski).** “Spatial autocorrelation in environmental justice research: problems, prospects, and future directions.” Special session co-sponsored by the Hazards Specialty Group, the Spatial Analysis and Modeling Specialty Group, and the Urban Geography Specialty Group. Meetings of the American Association of Geographers, Las Vegas, NV. 2009.
- Co-organizer (with S. Pyne).** “Fire ecology field trip.” Meetings of the Association of Pacific Coast Geographers, Phoenix, AZ. 2005.
- Organizer.** Interdisciplinary session on “Spatial and temporal patterns.” Graduates in Earth, Life, and Social Sciences Symposium, Arizona State University. 2003.
- Organizer.** Mike Davis, IGERT Urban Ecology/Geography Department Distinguished Lecture, Arizona State University. 2002-2003.
- Member.** Faculty Search Committee, Nature-Society Geographer, Department of Geography, Arizona State University. 2001-2002.

Editorial and Reviewing Service (* indicates multiple reviews/panels)

Associate Editor. *Society and Natural Resources*. 2013-2019 (Volumes 26-32).

Topical Collection Editor. *International Journal of Environmental Research and Public Health* (Environmental Justice: Contemporary Issues and Emerging Topics, with J. Chakraborty and S. Grineski). 2016 – present.

Editorial Board. *Geography Journal*. 2012-2016.

Occasional Peer-Reviewer. *American Anthropologist*; *Annals of the Association of American Geographers**; *Anthropocene*; *Antipode**; *Applied Geography**; *Capitalism Nature Socialism*; *Cities*; *Children and Youth Services Review*; *Current Opinion in Environmental Sustainability*; *Disability and Health Journal*; *Disaster Prevention and Management*; *Ecological Economics**; *Ecosphere*; *Environmental Hazards**; *Environmental Justice**; *Environmental Management**; *Environmental Modeling and Assessment*; *Environmental Research**; *Environmental Research Letters**; *Environmental Sociology*; *Environment and Planning A*; *Environment International**; *Erdkunde**; *Forest Ecology and Management*; *Forest Policy and Economics**; *Geoforum**; *Geographical Review**; *Health & Place**; *Human Organization*; *International Journal of Environmental Health Research**; *International Journal of Environmental Research and Public Health**; *International Journal of Mass Emergencies and Disasters**; *International Journal of Wildland Fire**; *Journal of Exposure Science and Environmental Epidemiology*; *Journal of Health Care for the Poor and Underserved**; *Journal of Historical Geography*; *Journal of Intellectual Disability Research**; *Journal of Mountain Science*; *Journal of Political Ecology**; *Journal of Toxicology and Environmental Health, Part A*; *Journal of Urban Affairs*; *Land Use Policy**; *Landscape and Urban Planning**; *Local Environment**; *Natural Hazards**; *Natural Hazards Review*; *Population and Environment**; *Population Research and Policy Review*; *Rangeland Ecology & Management*; *Rural Sociology*; *Science of the Total Environment*; *Social Currents*; *Social Psychiatry and Psychiatric Epidemiology*; *Social Science Research*; *Social Science & Medicine**; *Society and Natural Resources**; *Sociological Perspectives**; *Sociological Spectrum*; *Spatial and Spatio-temporal Epidemiology*; *Studies in Higher*

*Education; The Professional Geographer**; *The Southwestern Geographer**; *Urban Geography*; *Weather, Climate and Society*; *WIREs Climate Change**; United Kingdom Government Office for Science; Oxford University Press*; University of California Press; University of Colorado Press; National Academies of Science, Engineering, and Medicine.

Grant Proposal Reviewer. *National Science Foundation**; *PERISHIP Dissertation Fellowship in Hazards, Risk, and Disasters Program** (Sponsored by the National Science Foundation, Swiss Re, the Public Entity Risk Institute, and the University of Colorado Natural Hazards Center); *Hispanic Health Disparities Research Center (i) Transitioning Faculty Award and (ii) Faculty Pilot Award* Programs* (Sponsored by the National Institutes of Health); *National Research Mentoring Network (NRMN) Pilot Award Program* (Sponsored by the National Institutes of Health).

Panelist. *National Science Foundation, Multiple Programs, Multiple Panels.*

Tenure and Promotion Reviewer (external). Department of Geography, University of Idaho, Fall 2014; Department of Public Administration, University of North Texas, Fall 2015; Department of Environmental Conservation, University of Massachusetts Amherst, Fall 2016; Department of Sociology, University of Texas-Rio Grande Valley, Fall 2018; Environment & Society Department, Utah State University, Fall 2018.

Dissertation Examiner (external). School of Physical, Environmental and Mathematical Sciences, University of New South Wales (Australia), Fall 2012.

Policy/Community Engagement

Advisory Committee Member/Contributor. *Teaching Social Studies in El Paso*, a program that provides resources and support to El Paso area teachers of history, economics, government, geography, psychology, and sociology. 2008 – present.

Co-founder/Member. El Paso Alliance for Geographic Education, an El Paso area affiliate of the Texas Alliance for Geographic Education. 2008-2010.

Collaborator. Association of Community Organizations for Reform Now (ACORN). Worked on their environmental justice-related projects, which included social survey and GIS-based research. 2007.

Member. White Mountain Natural Resources Working Group, a community-based collaborative composed of diverse stakeholders and charged with facilitating land management in ponderosa pine forestlands of eastern Arizona. 2004-2006.

Consultant. Multi-Party Monitoring Board for the United States Forest Service White Mountain Stewardship Contract. My survey research provides the foundation for a longitudinal social monitoring program to inform the adaptive management of a landscape-scale forest restoration project in the Apache-Sitgreaves National Forest. 2004-2010.

Professional Organization Memberships

American Association of Geographers. 2000 – present.

Society for Applied Anthropology. 2006-2007.

American Sociological Association. 2005-2007.

International Association for Society and Natural Resources. 2004-2005, 2013 – present.