

AREAS OF INTEREST & EXPERTISE

- Water security in the built environment
- Arid lands
- Green infrastructure
- Urban resilience and climate change adaptation
- Walkability and wellbeing
- Sustainable neighborhood design

EDUCATION

- Doctor of Philosophy:** Arid Lands Resource Sciences; minor in Global Change **May 2015**
University of Arizona — Tucson, Arizona. GPA: 3.95
Dissertation: From Neighborhoods to Wellbeing and Conservation; Enhancing the Use of Greenspace through Walkability.
- Master of Science in Architecture:** Design and Energy Conservation **May 2010**
University of Arizona — Tucson, Arizona. GPA: 4.0
Thesis: To develop a sustainable community at Starr Pass in Tucson, Arizona according to the LEED-ND guidelines.
- Bachelor of Arts:** Architecture **December 1989**
Monterrey Institute of Technology and Higher Education (ITESM) — Monterrey, Mexico. GPA: 3.8

RESEARCH EXPERIENCE

- Postdoctoral Research Associate/ Senior Researcher** **Aug. 2015 to present**
Udall Center for Studies in Public Policy — University of Arizona — Tucson, Arizona
- Co-PI on a desk study on green infrastructure. Project funded by ARUP Joint Program for Resilience Engineering from March 15 to June 15, 2017.
 - Co-PI on a research project that examines engagement with low-income communities of southern Tucson on the design and development of a neighborhood greenway. Project funded by the Haurly Seed Grant from January 2017 to December 2018.
 - Leads a project on the assessment of the health of the Cienega Watershed funded by the Cienega Watershed Partnership.
 - Collaborates on a research project on water security in the arid Americas funded by the Lloyd's Register Foundation and AQUASEC – Center for Excellence on Water Security.
- Research Specialist** — University of Arizona — Tucson, Arizona **May 2015 to Dec. 2015**
Institute of the Environment
- Collaborates on a research project on climate change adaptation in Department of Defense facilities of the southwestern US.
- Graduate Research Associate** — University of Arizona — Tucson, Arizona
Institute of the Environment **2014 -2015**

ADRIANA ZUNIGA-TERAN

- Collaborated on a research project on climate change adaptation in Department of Defense facilities of the southwestern US.

Arizona Remote Sensing Center

2011-2015

- Examined interactions between neighborhood design, human health and conservation support through the enhanced use of greenspace.

Graduate Research Assistant — University of Arizona — Tucson, Arizona

2008-2010

College of Architecture, Planning and Landscape Architecture

- Explored patterns, processes and design elements influencing the social, ecological and environmental sustainability of urban design scales ranging from structure to neighborhood to the larger integrated landscape.

TEACHING EXPERIENCE

Lecturer

August 2015 to present

Sustainable Built Environments Degree Program

College of Architecture, Planning and Landscape Architecture – University of Arizona

Current courses

- SBE 222 History of the Built Environment I **Fall**
- SBE-221 History of the Built Environment II **Spring**
- SBE 195A Introduction to Sustainability I **Fall**
- SBE 195B Introduction to Sustainability II **Spring**

Previous courses

- SBE 201 Sustainable Design and Planning

Universidad LaSalle del Noroeste (ULSA) — Obregon, Mexico

2006 - 2007

- Theory of Design I
- Theory of Design II
- History of Graphic Design III

Instituto Tecnológico Superior de Cajeme (ITESCA) — Obregón, Mexico

2006 - 2007

- Descriptive Geometry I
- History of Architecture II

Monterrey Institute of Technology and Higher Education (ITESM) — Mty., Mex

1990 – 1991

Eugenio Garza Sada High-School

- Math I
- Math II

Mentor

University of Arizona – Tucson, AZ

- Ana Lucia on her capstone project for her Bachelor’s Degree on Sustainable Built Environments in the College of Architecture, Planning, and Landscape Architecture. Ana Lucia will graduate in December 2017 with a capstone that focuses on sustainability curriculum. **Spring 2017**

- Jeffrey Tolin on his capstone project for his Bachelor's Degree on Sustainable Built Environments in the College of Architecture, Planning, and Landscape Architecture. Jeffrey will graduate in December 2017 with a capstone in the tire recycling options. **Spring 2017**
- Emma Baird James on her capstone project for her Bachelor's Degree on Sustainable Built Environments in the College of Architecture, Planning, and Landscape Architecture. Emma will graduate in May 2017 with a capstone in green infrastructure. **Fall 2016**
- Shannon Le Gate on her capstone project for her Bachelor's Degree on Sustainable Built Environments in the College of Architecture, Planning, and Landscape Architecture. Emma will graduate in May 2017 with a capstone in green infrastructure. **Fall 2016**
- Drew E. Eppehimer as an incoming Ph.D. Student of the Arid Lands Resource Sciences program. Drew started the program in August 2016. **June 2016**
- Yuxi Li on her capstone project for her Bachelor's Degree on Sustainable Built Environments in the College of Architecture, Planning, and Landscape Architecture. She graduated in May 2016 with a capstone on greenspace in Singapore. **Fall 2015**

Graduate Teaching Associate

University of Arizona — Tucson, Arizona

Class: Current Research, Colloquium **2014**

- Coordinated the students' presentations and led discussions.

Class: Introduction to Global Change (5 sections) **2012 - 2013**

- Designed rubrics and helped with the planning and facilitating of hand-on activities; tutored students during office hours; assisted in the teaching of the class.

Class: Indigenous Religions **2011**

- Co-instructor of the class; lectured and led discussions; graded essays and assignments; and tutored students.

Spanish-Language Workshop Teacher **2011, 2012**

University of Arizona — Tucson, Arizona

The Graduate and Professional Student Council

- Designed and facilitated Spanish language workshops for university employees (2011) and graduate students (2012).

Tutor **2009 - 2011**

Strategic Alternative Learning Techniques Center (SALT) — University of Arizona — Tucson, AZ

- Tutored undergraduate students with learning disabilities one on one in multiple general education courses including Spanish, Latin American studies, Mexican studies, and global change.

DESIGN EXPERIENCE

Urban Designer **2008 - 2010**

University of Arizona — Tucson, Arizona

- Designed *The Villas at Starr Pass* community considering the Leadership for Energy and Environmental Design for Neighborhood Development (LEED-ND) guidelines.

Architectural Designer

- Proyectos y Construcciones del Noroeste S.A. – Obregón, México **2002 - 2006**
- Designed residential, commercial, industrial, and affordable housing projects.
- Constructora y Urbanizadora de Monterrey S.A. — Monterrey, México **1992**
- Designed a high-security building model for Servicios Panamericanos de Protección S.A. (SERPAPROSA) that was built throughout the country.
- Despacho de Diseño Camargo y Amador — Monterrey, México **1991**
- Designed the residential and parking garages buildings for *Edificios en el Parque*
- Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) Mty, México **1989 -1991**
- Designed library and cafeteria for ITESM campus Eugenio Garza Laguerre and research building CECARENA for campus Guaymas.

PUBLICATIONS

Peer-reviewed

- **Zuniga-Teran, A.A.** ; Orr, B.J.; Gimblett, R.H.; Chalfoun, N.V.; Guertin, D.P.; Marsh, S.E. (2017). Neighborhood design, physical activity, and wellbeing: Applying the Walkability Model. *International Journal of Environmental Research and Public Health*, 14,76: doi:10.3390/ijerph14010076. <http://www.mdpi.com/1660-4601/14/1/76>
- **Zuniga-Teran, A.A.** ; Orr, B.J.; Gimblett, R.H.; Chalfoun, N.V.; Marsh, S.E.; Guertin, D.P.; Going, S.B. (2017). Designing healthy communities: Testing the walkability model. *Frontiers of Architectural Research*. Vol. 6, No. 1. Pp. 63-73. <http://www.sciencedirect.com/science/article/pii/S2095263516300656>
- Varady R.G., **Zuniga-Teran, A.A.**; Garfin, G.M.; Martin, F.; Vicuña, S. (2016). Adaptive management and water security in global context: Definitions, concepts, and examples. *Current Opinion in Environmental Sustainability* special issue “Environmental Change and Assessment” edited by M. Wilder, G. Garfin, and R. Merideth. Vol. 21. Pp. 70-71. <http://www.sciencedirect.com/science/article/pii/S1877343516300719>
- **Zuniga-Teran, A.A.**; Orr, B.J.; Gimblett, R.H.; Going, S.B.; Chalfoun, N.V.; Guertin, D.P.; Marsh, S.E. (2016). Designing healthy communities: A walkability analysis on LEED-ND. *Frontiers in Architectural Research*. <http://dx.doi.org/10.1016/j.foar.2016.09.004>.
- Varady, R.G.; **Zuniga-Teran, A.A.**; Gerlak, A.K.; Megdal, S.B. (2016). Modes and approaches of groundwater governance: A survey of lessons learned from selected cases across the globe. In special issue “Water Governance, Stakeholder Engagement, and Sustainable Water Resources management,” ed. By S. Megdal, S. Eden, and E. Shamir. *Water*, 417 (24pp), DOI: 10.3390/w8100417. Online: <http://www.mdpi.com/2073-4441/8/10/417/html>
- Wilder, M., Aguilar Barajas, I., Pineda Pablos, N., Varady, R., Megdal, S., McEvoy, J., Merideth, R., **Zuniga-Teran, A.**, Scott, C. (2016). Desalination and water security in the US-Mexico border region: Assessing the social, environmental, and political impacts. *Water International*, 41:5, 756-775, DOI: 10.1080/02508060.2016.1166416. <http://www.tandfonline.com/doi/full/10.1080/02508060.2016.1166416>

- Pasqual, J.C., Peon Anaya, R., Lutz-Ley, A., **Zuniga-Teran, A.A.**, Peralta Lugo, Y. & Mejia Santellanes, J.A. (2016). COP21-CM11 Implications over Renewable Energy: Challenges to meet committed carbon emission reductions in Brazil and Mexico. *Desenvolvimento e Meio Ambiente*, 37: 31-46.

Non-peer reviewed publications

- Megdal, S.B.; **Zuniga-Teran, A.A.**; Delano, N.; Varady, R.G.; Gerlak, A.K. (accepted). Groundwater governance in the United States: A Mosaic of priorities and approaches. Book chapter in *Advances in Groundwater Governance*, ed. by K. Villholth, E. Lopex-Gunn, J van Der Gun, K. Contu, and A. Garrido, CRC/Balkema.
- Staddon, C.; De Vito, L.; **Zuniga-Teran, A.A.**; Schoeman, Y.; Hart, A.; Booth, G. (2017). "Contributions of green infrastructure to urban resilience." The resilience shift - Agenda setting scoping studies. Report elaborated by the consortium between the University of the West of England, University of Arizona, Monash South Africa University, Arcadis, University of Science and Technology, Beijing, China.
- **Zuniga-Teran, A.A.** (accepted). Urban ecology and the ethics of human occupation and the suppression of ecological dynamics. Book chapter in "Environmental Ethics" by Schmidt, D., Willott, E. (eds.). Third Edition. New York: Oxford University Press.
- **Zuniga-Teran, A.A.** (2017). Green infrastructure in walkable neighborhoods: A climate change adaptation strategy for cities in drylands. Book chapter in "Climate change sensitive cities: building capacities for urban resilience, sustainability, and equity" by Delgado Ramos, G.C. (Ed.). Mexico: PINCC, UNAM.
- Pineda Pablos, N.; **Zuniga-Teran, A.A.** (2016). Planeación por escenarios para la seguridad hídrica. *Agua y Saneamiento*. No. 67. Pp. 60-61.
- **Zuniga-Teran, A. A.**, Diaz-Caravantes, R.E. (2015). La infraestructura verde: una estrategia de adaptación al cambio climático (Green infrastructure: a climate change adaptation strategy). *Agua y Saneamiento*. No. 63. Pp. 89-91.
- Gerlak, AK; House-Peters, L; Albrecht, T; Cook, C; Routson de Grenade, R; Scott, CA; Varady, RG & **Zuniga Teran, AA.** (2016). Water security: A critical review of recent studies. Presented at annual meeting of International Studies Association, Atlanta, GA, 17 Mar. 2016.
- **Zuniga-Teran, A.A.** (2015). Dissertation: From neighborhoods to wellbeing and conservation: Enhancing the use of greenspace through walkability. Tucson, Arizona: University of Arizona. 324p.
- **Zuniga Teran, A.A.** (2010). Master's Thesis: To develop a sustainable community at Starr Pass in Tucson, Arizona according to the LEED -for Neighborhood Development guidelines. University of Arizona.

In review

- Albrecht, T., Varady, R.G., **Zuniga-Teran, A.A.**, Gerlak, A.K., Staddon, C. (In review). Securing a shared hidden resource: governance mechanisms for transboundary groundwater security. Submitted to *Water Security*.

ADRIANA ZUNIGA-TERAN

- Grafín, G., Falk, D., O'Connor, C., Jacobs, K., Sagarin, R., Haverland, A., Haworth, A., Baglee, A., Weiss, J., Overpeck, J., **Zuniga-Teran, A.** (in review). A new mission: Climate adaptation challenges and opportunities in the Department of Defense. Submitted to *Frontiers in Ecology and the Environment*.
- **Zuniga-Teran, A.A.**; Orr, B.J.; Gimblett, R.H.; Chalfoun, N.V.; Guertin, D.P.; Marsh, S.E. (In review). The influence of the built environment on the use of greenspace: Synergies with wellbeing and conservation support. Submitted to *Landscape and Urban Planning*.
- Gerlak, A.K.; House-Peters, L.; Varady, R.G.; Albrecht, T.; **Zuniga-Teran, A.A.**; Cook, C.; Routson de Grenade, R.; Scott, C.A. (In review). Water security: A critical review of place-based studies. Submitted to *Global Environmental Change*.

In preparation

- **Zuniga-Teran, A.A.**; Orr, B.J.; Gimblett, R.H.; Going, S.B.; Chalfoun, N.V.; Guertin, D.P.; Marsh, S.E. Designing healthy communities: A walkability framework.
- Scott, C.A.; Varady, R.G.; Routson de Grenade, R.; **Zuniga-Teran, A.A.**; Thapa, B.; Albrecht, T. Implications of the water-security imperative for energy and food securities: A WEF nexus critical-factor approach. Intended publisher: *Water International*.

Blogs

- **Zuniga-Teran, A.A.** (2017). State of the Watershed: Using indicators and adaptive management to sustain one of the last perennial streams in Southern Arizona. International Water Security Network www.watersecuritynetwork.org/state-of-the-watershed-using-indicators-and-adaptive-management-to-sustain-one-of-the-last-perennial-streams-in-southern-arizona
- **Zuniga-Teran, A.A.** and Gerlak, A.K. (2017). Enhancing resilience in cities: from grey to green infrastructure. International Water Security Network. www.watersecuritynetwork.org/enhancing-resilience-in-cities-from-grey-to-green-infrastructure
- **Zuniga-Teran, A.A.** (2017). *How your neighborhood may impact your health and wellbeing*. International Water Security Network. <http://www.watersecuritynetwork.org/how-your-neighbourhood-may-impact-your-health-and-wellbeing/> March 15.
- **Zuniga-Teran, A.** and Gerlak, A. (2017). *Engaging low-income communities in the development of a greenway in Tucson, Arizona*. International Water Security Network. <http://www.watersecuritynetwork.org/engaging-low-income-communities-in-the-development-of-a-greenway-in-tucson-arizona/>
- **Zuniga-Teran, A.** (2016). *How are water security and adaptive capacity measured? IWSN researchers produce special issue of 'Current Opinion in Environmental Sustainability'*. International Water Security Network. <http://www.watersecuritynetwork.org/measuring-water-security-and-adaptive-management-in-the-arid-americas-a-workshop-deliverable/> Feb, 13.

- **Zuniga-Teran, A.** (2016). *IWSN helps bring water professionals to the International Water Governance Workshop in Argentina*. International Water Security Network. <http://www.watersecuritynetwork.org/iwsn-helps-bring-water-professionals-to-the-international-water-governance-workshop-in-argentina/> Dec, 07.
- Pineda, N.; **Zuniga-Teran, A.** (2016). *Impressions of Mendoza, Argentina*. International Water Security Network. <http://www.watersecuritynetwork.org/impressions-of-mendoza-argentina/>
- Albrecht, T; **Zuniga-Teran, A.A.** (2016). *Diversity as a key elements of natural resource resilience: Water and energy, with examples from the Middle East and Asia*. International Water Security Network. <http://www.watersecuritynetwork.org/diversity-as-a-key-element-of-natural-resource-resilience-water-and-energy-with-examples-from-the-middle-east-and-asia/>
- **Zuniga-Teran, A.A.**; Albrecht, T. (2016). *Diversity as a key element of urban resilience*. Online: International Water Security Network. <http://www.watersecuritynetwork.org/diversity-as-a-key-element-of-urban-resilience/>
- **Zuniga-Teran, A.A.**; Lutz-Ley, A.; Peralta, Y.; Varady, R.G.; Scott, C.A. (2016). *Scenario planning for future water security in Hermosillo Mexico*. Online: International Water Security Network. <http://www.watersecuritynetwork.org/scenario-planning-for-future-water-security-in-hermosillo-sonora-mexico/> April 27.
- **Zuniga-Teran, A.A.**; Merideth, R.; Scott, C.; Varady, G. (2016). *Resilience in an uncertain future: Part 2*. Online: International Water Security Network. <http://www.watersecuritynetwork.org/resilience-in-an-uncertain-future-part-2/> April 5.
- **Zuniga-Teran, A.A.**; Merideth, R.; Scott, C.; Varady, G. (2016). *Resilience in an uncertain future: Part 1*. Online: International Water Security Network. <http://www.watersecuritynetwork.org/resilience-in-an-uncertain-future/> February 22.
- **Zuniga-Teran, A.** (2015). *Among paradoxes and surrealism: A workshop on climate change adaptation in urban settlements*. Online: International Water Security Network. <http://www.watersecuritynetwork.org/among-paradoxes-and-surrealism-a-workshop-on-climate-change-adaptation-in-urban-settlements/> December 9.
- **Zuniga-Teran, A.** (2015). *Water security workshop in Hermosillo, Mexico*. Online: International Water Security Network. <http://www.watersecuritynetwork.org/water-security-workshop-in-hermosillo-mexico/> September 2.
- **Zuniga-Teran, A.** (2015). *IWSN annual meeting takes place in Tucson, Arizona*. Online: International Water Security Network. <http://www.watersecuritynetwork.org/international-water-security-network-meeting-in-tucson-arizona/> October 20.

PRESENTATIONS

- Zuniga-Teran, A.A. and Lutz-Ley, A.N. 2017. Participated in the *XVI World Water Congress*. The talk was titled: "Planning for desalination: a comparative case study." Cancun, Mexico. May 31.
- Zuniga-Teran, A.A. 2017. Invited lecturer for the class *Special Topics in Architectural Research*. Title of the talk was "Neighborhood design, physical activity, and wellbeing." April 13.
- Zuniga-Teran, A.A. 2017. Participated in the CAPLA Spring Symposium. The talk was titled: "Neighborhood design, physical activity, and wellbeing". The symposium was held at the College of Architecture, Planning and Landscape Architecture at the University of Arizona on April 11.
- Zuniga-Teran, A.A. 2017. Participated in a discussion panel for the class "Adaptation and Resilience in Water Resources Systems" at the University of Arizona. The talk was titled "Resilience through Urban Design and Walkability." January 24.
- Zuniga-Teran, A.A. 2016. Participated in a discussion panel on sustainability for the class "Introduction to Global Change" organized by the Instructor Dr. Arin Haverland. This is a freshman level course for non-science majors in the University of Arizona. November 28.
- Varady, R.G., Zuniga-Teran, A.A., Scott, C.A. 2016. Resilience and diversity: Managing the water-energy nexus to enhance water security. Talk given by R.G. Varady. International Perspectives on Water Resilience. University of the West of England. Bristol, England, October 11.
- Zuniga-Teran, A.A. 2016. Participated in a discussion panel for the workshop "How can Tucson connect to global STEM opportunities?" organized by the Office of Latin American Partnership Initiatives, University of Arizona. Pima Community College, Tucson, AZ. Oct. 15.
- Zuniga-Teran, A. 2016. From neighborhoods to wellbeing and conservation: Enhancing the use of greenspace through walkability. Lecture given to undergraduate students of the Sustainable Built Environments Degree Program. College of Architecture, Planning, and Landscape Architecture. University of Arizona. Oct. 6.
- Zuniga-Teran, A. 2016. From neighborhoods to wellbeing and conservation: Enhancing the use of greenspace through walkability. Lecture given via Skype to undergraduate students majoring in urbanism at Monterrey Institute of Technology and Higher Education (ITESM). Leon, Guanajuato, Mexico. Sept. 8.
- Zuñiga-Terán, A.A., and T. Albrecht. 2016. Diversity as a key element of urban resilience. (Presented by C. Breen) at "Achieving Resilience by Design," workshop organized by the International Water Security Network (IWSN) at the Institute of Natural Resources. Pietermaritzburg, South Africa. Aug. 10.
- Scott, C. A., R. G. Varady, and A. A. Zuñiga-Terán. 2016. Science–policy dialogues and resilience. Presented (by C. Breen) at "Achieving Resilience by Design," workshop organized by the

International Water Security Network (IWSN) at the Institute of Natural Resources. Pietermaritzburg, South Africa. Aug. 10.

- Gerlak, A. K., L. House-Peters, T. Albrecht, C. Cook, R. Routson de Grenade, C. A. Scott, R. G. Varady, and A. Zuñiga-Terán (2016) (by A. Gerlak). Water security: A critical review of recent studies. Presented at annual meeting of International Studies Association, Atlanta, GA, 17 Mar. 2016.
- Zuniga-Teran, A.A. and N. Pineda Pablos. 2016. Desalinización binacional en la frontera entre EE.UU. y México: Un caso de estudio en Puerto Peñasco. Presented at water governance workshop “Buenas practicas de gobernanza del agua: Adaptando enfoques existosos hacia la seguridad hídrica en Mendoza, Argentina, y en otras regions áridas del continente americano.” Mendoza, Argentina. August 4.
- Zuniga-Teran, A.A. 2016. Binational desalination in the U.S.-Mexico border: A case study of the proposed Puerto Peñasco desalination plant. Presented at the International INSAKA Research Symposium. Kafue, Zambia. June 15.
- Zuniga-Teran, A.A. 2016. From designing buildings to researching deserts. Presented at the Annual Meeting of the United Nations Association of Southern Arizona. Tanque Verde Ranch, Tucson, Arizona. June 4.
- Garcia, H., Zuniga-Teran, A.A. 2016. *Huertos comunitarios, dieta y actividad física en población femenina en las ciudades de la frontera norte* (Community gardens, diet and physical activity in female populations of cities along the northern Mexican border). Presented at the *Red de Cooperación Binacional para Comunidades Saludables* (Binational Cooperation Network for Healthy Communities). Nogales, Mexico. May 9.
- Varady, R.G., Scott, C.A., Zuniga-Teran, A.A., Buechler, S., Gerlak, A., Wilder, M. 2016. Aspects of water ethics and governance. Presented at the Water Ethics Symposium - Building strategies for water ethics: Future direction in research and education. University of Arizona. Tucson, AZ, April 25.
- Marra, R., Zuniga-Teran, A.A. Lutz-Ley, A. Peralta, Y., Mejia, J. 2016. Scenario planning workshop and rationale to water interests in Hermosillo. El Colegio de Sonora and Agua de Hermosillo. Hermosillo, Mexico. April 8-9 2016.
- Zuniga-Teran, A.A. 2016. From designing buildings to researching deserts. Presented at Session 5: Water-Energy-Food Nexus. SWAN International Conference. Tucson, Arizona. February 16-17.
- Zuniga-Teran, A.A. 2015. Green infrastructure as a climate change adaptation strategy in cities in arid lands. Presented at Working group 3: Urban Settlements and Climate Change. Climate Change Workshop organized by Universidad Autónoma de México (UNAM). La Paz, Baja California Sur, Mexico, November 17 – 20.
- Zuniga-Teran, A.A. 2015. Taller de Ciudades Sustentables (Sustainable Cities Workshop). Presented at the VI International Congress on Sustainable Development- Sustainability in Border Cities. Instituto Tecnológico de Nogales. Nogales, Sonora, Mexico. October 21.
- Zuniga-Teran, A.A. 2015. Desde las Colonias hasta el Bienestar y la Conservación: Aumentando el Uso de los Espacios Verdes a través de la Caminabilidad. (From neighborhoods to wellbeing and conservation: Enhancing the use of greenspace through walkability). Presented at the 1st

ADRIANA ZUNIGA-TERAN

International Congress of Urbanism 2015, City, Urban Policy, and Borders. Instituto Tecnológico de Nogales. Nogales, Sonora, Mexico. September 30.

- Zuniga-Teran, A.A. 2014. The Influence of the Built Environment on Wellbeing. Presented at the Center for Integrative Medicine. University of Arizona. Tucson, Arizona. October.
- Zuniga-Teran, A.A. 2013. Neighborhood Design, Wellbeing and Conservation. Presented at a neighborhood association meeting of the Barrio Viejo Neighborhood. Tucson, Arizona. October.

POSTERS

- Zuniga-Teran, A.A. 2014. Poster presentation at Student Showcase: Grad Blitz by the Institute of the Environment. University of Arizona, Tucson, Arizona. November.
- Zuniga-Teran, A.A. 2014. Poster presentation: College of Agriculture and Life Sciences Interdisciplinary Showcase. University of Arizona, Tucson, Arizona. November.
- Zuniga-Teran, A.A. 2014. Poster presentation at the Student Showcase: Graduate Professional Student Council. University of Arizona, Tucson, Arizona. November.
- Zuniga-Teran, A.A. 2014. Poster presentation at Student Showcase: Arid Lands Resource Sciences Welcome Event. University of Arizona, Tucson, Arizona. September.
- Zuniga-Teran, A.A. 2013. Poster presentation at the Student Showcase: Graduate Professional Student Council. University of Arizona, Tucson, Arizona. November.
- Zuniga-Teran, A.A. 2013. Poster presentation at the Student Showcase: Graduate Interdisciplinary Programs. University of Arizona, Tucson, Arizona. November.

GRANTS

- **Co-Principal Investigator.** ARUP Joint Program on Resilience Engineering. Desk study titled: "Contributions of Green Infrastructure to Urban Resilience: case studies and challenges from around the world." Award amount \$30,000 for the University of the West of England, Monash University of South Africa, and University of Arizona. March 15 to June 15, 2017.
- **Co-Principal Investigator.** Agnese Nelms Haury Program in Environmental and Social Justice Seed Grant. Project titled: "Engaging low-income, underserved communities in a neighborhood greenway: A community-university partnership for project design, implementation and evaluation." UA Account # 5541403. Award amount \$79,154. January 1, 2017 to December 31, 2018.
- **Principal Investigator.** Project titled "State of the health of the Cienega Watershed." Funded by the Cienega Watershed Partnership. Award amount is \$14,000 USD. September 1, 2016 to December 16, 2017. Institutional Proposal Number 00728889.
- **Consultant.** Conducted a survey of indicators for the Cienega Watershed Partnership from September 2015 to February 2016. Award amount was \$2,000. USD.

SERVICE

PhD Committee member

University of Arizona – Tucson, AZ

Fall 2016 to present

- Yulia Peralta’s dissertation on water security in the Yaqui Valley of Mexico. Yulia is a Ph.D. Student in the Arid Lands Resource Sciences program.
- Rodolfo Peon’s dissertation on the water-energy-food nexus in the Navajo Nation. Rodolfo is a Ph.D. Student in the Arid Lands Resource Sciences program.

Reviewer

- Chair of the Review Committee for a scholarship contest to attend the Water Governance Workshop in Mendoza, Argentina from August 3-6, 2016. 63 applicants from 11 countries applied for five scholarships.
- Member of search committee for the position Postdoctoral Research Associate at the Udall Center for Studies in Public Policy at the University of Arizona in May 2016.
- Reviewer of research articles for the following journals:
 - *Sustainability*
 - *Water Alternatives*
 - *Urban Design*
 - *International Journal of Environmental Research and Public health*

Judge

University of Arizona – Tucson, AZ

- Arid Lands Resources Science Presentation Competition **September 2016**
- Sustainable Built Environments Capstone Poster Competition **May 2015**

MEDIA:

- **Interview for radio show InfoTrak** **April 24, 2017**
Radio Host and Executive Producer Randy Meyer interviewed Adriana Zuniga on her published study on neighborhood design and wellbeing. The show airs on Talk Zone (www.talkzone.com).
- **Interview for “Newsweek en Español”** **April 2, 2017**
Reporter Marco Tulio Castro interviewed Adriana Zuniga about a published study on desalination in the U.S.-Mexico border region. Article was published on April 7, 2017 and is titled “El plan de BC y Sonora para exportar agua a Estados Unidos” (BC and Sonora’s plan to export water to the United States). <http://nwnoticias.com/#!/noticias/el-plan-de-bc-y-sonora-para-exportar-agua-a-estados-unidos>
- **Interview for “Dr. OZ The Good Life Magazine”** **March 14, 2017**
Reporter Megan Ditrollo interviewed Adriana Zuniga on her study on neighborhood design and wellbeing.
- **Article on “Men’s Fitness”** **March 14, 2017**

Article posted in website “Men’s Health” references study on neighborhood design and wellbeing. Article title “Here’s why your neighborhood can make (or break) your fitness.”
<http://www.mensfitness.com/life/outdoor/heres-why-your-neighborhood-can-make-or-break-your-fitness>

- **Interview for UANews** **February 7, 2017**
Reporter Alexis Blue interviewed Adriana Zuniga for an article for the UANews on a recently published study on neighborhood design and walkability. UA News article posted on March 9, 2017 at https://uanews.arizona.edu/story/how-your-neighborhood-may-impact-your-health-and-wellbeing?utm_source=uanow&utm_medium=email&utm_campaign=
- **Interview for UANews** **January 17, 2017**
Reporter Abby Dockter interviewed Andrea Gerlak and Adriana Zuniga for an article for the UANews about the Haury Seed Grant Recipients. UA News article posted on February 17, 2017 at <https://uanews.arizona.edu/story/haury-grants-go-community-building-youth-engagement>
- **UANews article** **July 7, 2016**
Title : “UA Researchers Take a Closer Look at the Future of Desalination. As binational desalination plants are being considered as a strategy to combat water scarcity, scientists delve into the environmental, political, and social impacts” by Lori Harwood from the UA College of Social and Behavioral Sciences. <https://uanews.arizona.edu/story/ua-researchers-take-closer-look-future-desalination>
- **Radio interview** **April 7, 2016**
Reporter Bertha Yañez from a radio program “La Conversada” from Hermosillo, Mexico interviewed Adriana Zuniga and her colleagues America Lutz, and Yulia Peralta about a scenario planning workshop that they helped facilitate in Hermosillo, led by consultant Ralph Marra.

CERTIFICATIONS

- Certified Architect in Mexico, License No. 1632344 **1990**
- Leadership for Energy and Environmental Design Accredited Professional (LEED-AP) **2009**
- UA Institutional Review Boards (IRB). ID: 2192026 **2013**

ADMINISTRATIVE EXPERIENCE

- Project Coordinator** **January 2014 to present**
The Institute of the Environment — University of Arizona — Tucson, Arizona
Research Project: Climate Change Adaptation in Department of Defense Facilities of the Southwest.

ADRIANA ZUNIGA-TERAN

- Coordinates meetings, webinars, workshops and visits to DoD facilities. Manages deadlines and action items.

Office Specialist

2011 - 2012

International Student Services — University of Arizona — Tucson, Arizona

- Performed clerical and administrative tasks and attended students at the International Student Services office.

Event Planner

Udall Center for Studies in Public Policy— University of Arizona — Tucson, Arizona **August 2016**

- Planned the International Water Governance Workshop titled “Buenas practicas de gobernanza del agua: Adaptando enfoques exitosos hacia la seguridad hídrica en Mendoza, Argentina, y en otras regions áridas del continente americano.” Mendoza, Argentina. August 3-6.

International Student Services — University of Arizona — Tucson, Arizona

2011 - 2012

- Planned the International Orientation event, produced weekly reports, created introductory video and re-designed handouts.

MODELING EXPERIENCE

Energy Modeler

2008 - 2010

University of Arizona — Tucson, Arizona

- Modeled the energy consumption for the Administration building at the Petrified Forest National Park, Arizona.
- Modeled the energy consumption for the townhome unit at The Villas at Star Pass, Tucson, Arizona.

LANGUAGES

- Spanish: Native speaker
- English: Advanced proficiency
- French: Basic proficiency

VOLUNTEER EXPERIENCE

- Latin American Summer Research Program – University of Arizona **2014**
- US Green Building Council – Arizona Chapter **June 2014 to 2025**
- The Nature Conservancy – Tucson office **November 2014 to January 2015**

ORGANIZATIONS

- Biosciences Toastmasters – September 2014 to September 2016
- Arid Lands Resource Sciences student club – active member

ADRIANA ZUNIGA-TERAN

- Arizona Remote Sensing Center – affiliated
- Institute of the Environment – affiliated

SKILLS

- AutoCAD
- MS Office
- UAccess (database)
- Photoshop
- Sketch-up
- eQUEST, Energy10, COMcheck, REScheck
- Geographic Information Systems (GIS)
- Erdas Imagine (Remote Sensing)
- Statistical Package for the Social Sciences (IBM-SPSS)
- GoToMeeting

AWARDS

- Arid Lands Resource Sciences Merit Award** 2014
Arid Lands Resource Sciences, University of Arizona.
- Graduate Fellowship** 2014
Graduate College, University of Arizona.
- The William A. Calder III Memorial Scholarship** 2013, 2014
Department of Ecology and Evolutionary Biology, University of Arizona.
- Poster Award** 2013
Student Showcase: Arid Lands Resource Science event. University of Arizona.
- Poster Award** 2013
Student Showcase: Graduate Professional Student Council. University of Arizona.
- Gloria Barron Scholarship** 2013
The Wilderness Society.
- Outstanding Graduate Teaching Assistant** 2012
Graduate Interdisciplinary Programs, University of Arizona.
- Earth Fellowship** 2010
The Institute of the Environment, University of Arizona.
- CALA Portfolio Competition Award** 2010
Arizona Builders Alliance.
- Outstanding Student Award** 2009
Sustainable Design and the LEED Initiative class, College of Architecture, University of Arizona.
- CONACYT Scholarship** 2008-2013
Mexican Government