

## AREAS OF INTEREST & EXPERTISE

- Water security in the built environment
- Water policy and governance
- Arid lands
- Environmental justice
- Green infrastructure and urban resilience
- Walkability, physical activity, and wellbeing
- Sustainable neighborhood design
- Latin American cities

## EDUCATION

**Doctor of Philosophy:** Arid Lands Resource Sciences; minor in Global Change **May 2015**  
University of Arizona — Tucson, Arizona.

*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.

*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.

## RESEARCH EXPERIENCE

**Assistant Research Scientist** **January 2019 to present**

Udall Center for Studies in Public Policy — University of Arizona

- Continued working on research projects.

**Staff Scientist** **Aug. 2017 to 2018**

Udall Center for Studies in Public Policy — University of Arizona

- Continued working on research projects.

**Postdoctoral Research Associate/ Senior Researcher** **Aug. 2015 to Aug. 2017**

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 environmental justice around green infrastructure through engagement with low-income communities of southern Tucson. Project funded by the Haury Seed Grant from January 2017 to December 2018.

## Adriana A. Zuniga-Teran – Curriculum Vitae

- Leads a project on the assessment of the health of the Cienega Watershed funded by the Cienega Watershed Partnership from 2015 to present.
- 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**

- 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.

## PUBLICATIONS

### Peer-reviewed

1. **Zuniga-Teran, A.A.**, Staddon C., De Vito, L. Gerlak, A.K., Ward, S., Schoeman, Y., Hart, A., Booth, G. (Forthcoming). Challenges for mainstreaming green infrastructure in built environment professions. *Journal of Environmental Planning and Management*.
2. Scott, C.A., Albrecht, T., Routson de Grenade, R., **Zuniga-Teran, A.A.**, Varady, R.G., Thapa, B. (2018). Water security and the pursuit of food, energy, and earth system resilience. *Water International*. <https://www.tandfonline.com/doi/full/10.1080/02508060.2018.1534564>
3. Albrecht, T., Varady, R.G., **Zuniga-Teran, A.A.**, De Grenade R., Lutz-Ley A., Martin, F., Megdal, S.B., Meza, F., Ocampo-Melgar, D., Pineda, N., Rojas, F., Taboada, R., Willems, B. (2018). Unraveling transboundary water security in the arid Americas. *Water International*. <https://www.tandfonline.com/doi/full/10.1080/02508060.2018.1541583>
4. Staddon, C., Ward, S., De Vito, L., **Zuniga-Teran, A.**, Gerlak, A., Schoeman, Y., Hart, A., Booth, G. (2018). Contributions of green infrastructure to enhancing urban resilience. *Environment, Systems and Decisions*. <https://doi.org/10.1007/s10669-018-9702-9>
5. Gerlak, A.K.; House-Peters, L.; Varady, R.G.; Albrecht, T.; **Zuniga-Teran, A.A.**; Cook, C.; Routson de Grenade, R.; Scott, C.A. (2018). Water security: A critical review of place-based studies. *Environmental Science and Policy*, 82. 79-89.

## Adriana A. Zuniga-Teran – Curriculum Vitae

<https://www.researchgate.net/publication/322923958> *Water security A review of place-based research*

6. Petersen-Perlman, J.D., Megdal, S.B., Gerlak, A.K. Wireman, M., **Zuniga-Teran, A.A.**, Varady, R.G. (2018). Issues impacting groundwater quality governance and management in the United States. *Water* 10(6), 735; <http://www.mdpi.com/2073-4441/10/6/735>
7. Albrecht, T., Varady, R.G., **Zuniga-Teran, A.A.**, Gerlak, A.K., Staddon, C. (2017). Governing a shared hidden resource: A review of governance mechanisms for transboundary groundwater security. *Water Security*, Vol. 2 Pp. 43-56. <https://www.sciencedirect.com/science/article/pii/S2468312417300044>
8. **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>
9. **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>
10. 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>
11. **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>.
12. 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>
13. 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>
14. 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.

In review

## Adriana A. Zuniga-Teran – Curriculum Vitae

1. **Zuniga-Teran, A.A.** and Gerlak, A.K. (In review). A multidisciplinary approach to analyzing questions of justice issues in urban greenspace. Submitted to *Sustainability*.
2. Diaz-Caravantes, R.E., **Zuniga-Teran, A.A.**, Martin, F., Bernabeu, M.M., Scott, C.A., Stoker, P. (In review). Urban water security” A comparative study of cities in the arid Americas. Submitted to *Environment and Urbanization*.
3. Ward, S., Staddon, C., De Vito, L., **Zuniga-Teran, A.**, Gerlak, A., Schoeman, Y., Hart, A., Booth, G. (In review). Embedding social inclusiveness and appropriateness in engineering assessment of green infrastructure to enhance urban resilience. Submitted to *Urban Water Journal*.
4. **Zuniga-Teran, A.A.**; Gimblett, R.H.; Orr, B.J.; Stocker, P.; Marsh, S.E.; Guertin, D.P.; Chalfoun, N.V.; (In review). Exploring the influence of neighborhood walkability on the frequency of use of greenspace. Submitted to *Landscape and Urban Planning*.
5. Grafín, G., Falk, D., O’Connor, C., Jacobs, K., Sagarín, 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 *Environmental Science and Policy*.

### Non-peer reviewed publications

1. Varady, R.G., Albrecht, T.R., Gerlak, A.K., Staddon, C., and **Zuniga-Teran, A.A.** (Accepted). The water security discourse and its main actors. To appear in the “Handbook of Water Resources Management” edited by Bogardi, J.J., Wasantha Nandalal, K.D., van Nooyem, R.R.P., and Bhardi, A. Springer
2. **Zuniga-Teran, A.A.** and Staddon, C. (Forthcoming). Chapter 13: Tucson, Arizona – A story of “water resilience” through diversifying water sources, demand management, and ecosystem restoration. In “Resilient Water Services and Systems: The Foundations of Well-Being” edited by Juuti, P., Mattile, H., Rajala, R., Schwartz, K., and Staddon, C. IWA Publishing.
3. **Zuniga-Teran, A.A.** Gimblett, R.H., Orr B.J., Marsh, S.E., Guertin, D.P., Chalfoun N.V. (2018). Wellbeing synergies between walkable neighborhoods and the enhanced use of greenspace. Paper presented at 55<sup>th</sup> International Making Cities Livable conference. Ottawa, Canada. May 17.
4. **Zuniga-Teran, A.** and Gerlak, A. (2018). Project Evaluation: Airport Wash Green Infrastructure Demonstration Project at the New Hope – Nueva Esperanza Church in Tucson, AZ. Project evaluation funded by the Sonoran Institute. Project timeline from March 2017 to March 2018.
5. **Zuniga-Teran, A.A.** (In press). Urban ecology and the ethics of human occupation and the suppression of ecological dynamics. Book chapter in “Environmental Ethics: What Really Matters, What Really Works” by Schmitz, D., Shahar, D.C. (eds.). Third Edition. New York: Oxford University Press.
6. **Zuniga-Teran, A.A.** (2018). 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. [https://drive.google.com/file/d/1j6Bx40cw\\_CosLDuQM99H2VeVNbofa3J5/view](https://drive.google.com/file/d/1j6Bx40cw_CosLDuQM99H2VeVNbofa3J5/view)

## Adriana A. Zuniga-Teran – Curriculum Vitae

7. **Zuniga-Teran, A.A.** (2017). The impacts of neighborhood design on physical activity and wellbeing. Paper presented at the International Making Cities Livable Conference. Santa Fe, New Mexico. October 5.
8. **Zuniga-Teran, A.A.** and Lutz-Ley, A. (2017). ¿Es la desalinización una opción sustentable para México? (Is desalination a sustainable option for Mexico?) (2017). *Ingeniería Civil*. Colegio de Ingeniería Civil de México.
9. Megdal, S.B.; **Zuniga-Teran, A.A.**; Delano, N.; Varady, R.G.; Gerlak, A.K. and Vilmont, E.T. (2017). Groundwater governance in the United States: A Mosaic of approaches. Book chapter in *Advances in Groundwater Governance*, ed. by Villholth, K., Lopez-Gunn, E., Conti, K., Garrido, and van Der Gun, J. Delft: CRC Balkema. Pp 483-510. <https://www.un-igrac.org/news/open-access-book-groundwater-governance>
10. **Zuniga-Teran, A.A.**, Fisher, L., Meixner, T., MacFarlin, S. Robertson, T. (2017). State of the health of the Cienega Watershed: Using indicators and adaptive management to sustain one of the last perennial streams of Southern Arizona. First Report prepared for the Cienega Watershed Partnership. 88pp.
11. 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. [http://resilienceshift.org/wp-content/uploads/2017/10/043\\_Contributions-of-Green-Infrastructure-to-Enhancing-Urban-Resilience.pdf](http://resilienceshift.org/wp-content/uploads/2017/10/043_Contributions-of-Green-Infrastructure-to-Enhancing-Urban-Resilience.pdf)
12. **Zuniga-Teran, A.**, Lutz-Ley, A., Peon, R. Pasqal, J., Peralta, Y. 2017. “Planning for desalination: a comparative case study.” Paper presented by **Zuniga-Teran, A.A.** and Lutz-Ley, A.N. at the XVI World Water Congress. Cancun, Mexico. May 31.
13. Pineda Pablos, N.; **Zuniga-Teran, A.A.** (2016). Planeación por escenarios para la seguridad hídrica (Scenario planning for water security). *Agua y Saneamiento*. No. 67. Pp. 60-61.
14. 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.
15. **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.
16. **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.
17. **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.

### Blogs

## Adriana A. Zuniga-Teran – Curriculum Vitae

1. **Zuniga-Teran, A.** (2019). Andean city is a model for water infrastructure and green space. Public Square, a CNU Journal. <https://www.cnu.org/publicsquare/2019/04/02/andean-city-model-water-infrastructure-and-green-space>
2. **Zuniga-Teran, A.** (2019). Green Mendoza and its *acequias*: A Mexican architect's impressions of urban greenspace in an Andean Argentine city. Udall Center for Studies in Public Policy. <http://udallcenter.arizona.edu/news/articles/green-mendoza-and-its-acequias-mexican-architects-impressions-urban-greenspace-andean-argentine-city>
3. **Zuniga-Teran, A.** and Gerlak, A. (2018). *UA team receives funding to address the environmental injustice around green infrastructure at local high school in Tucson, Arizona.* Tucson Verde Para Todos project. Udall Center for Studies in Public Policy. <http://udallcenter.arizona.edu/hauryproject/blogs/ua-team-receives-funding-address-environmental-injustice-around-green-infrastructure-local-high-school-tucson-arizona>
4. Video Blog. **Zuniga-Teran, A.** Cienega Creek Watershed Management. (2018). <http://udallcenter.arizona.edu/news/blogvlog/adriana-zuniga-cienega-creek-watershed-management-udall-center-vlog-6>
5. **Zuniga-Teran, A.** and Gerlak, A. (2018). *Community engagement for green infrastructure in Tucson, Arizona.* Tucson Verde Para Todos project. Udall Center for Studies in Public Policy. <http://udallcenter.arizona.edu/hauryproject/blogs/community-engagement-green-infrastructure-tucson-arizona>
6. Gerlak, A., and **Zuniga-Teran, A.** (2017). *Sharing our research on green infrastructure and community engagement with communities in Ayacucho, Peru.* Tucson Verde Para Todos project. Udall Center for Studies in Public Policy. <http://udallcenter.arizona.edu/hauryproject/blogs/sharing-our-research-green-infrastructure-and-community-engagement-communities-ayacucho-peru>
7. **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](http://www.watersecuritynetwork.org/state-of-the-watershed-using-indicators-and-adaptive-management-to-sustain-one-of-the-last-perennial-streams-in-southern-arizona)
8. **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](http://www.watersecuritynetwork.org/enhancing-resilience-in-cities-from-grey-to-green-infrastructure)
9. **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.
10. **Zuniga-Teran, A.** and Gerlak, A. (2017). *Engaging low-income communities in the development of a greenway in Tucson, Arizona.* International Water Security Network.

## Adriana A. Zuniga-Teran – Curriculum Vitae

<http://www.watersecuritynetwork.org/engaging-low-income-communities-in-the-development-of-a-greenway-in-tucson-arizona/>

11. **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.
12. **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.
13. Pineda, N.; **Zuniga-Teran, A.** (2016). *Impressions of Mendoza, Argentina*. International Water Security Network. <http://www.watersecuritynetwork.org/impressions-of-mendoza-argentina/>
14. 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/>
15. **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/>
16. **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.
17. **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.
18. **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.
19. **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.

## Adriana A. Zuniga-Teran – Curriculum Vitae

20. **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.
21. **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.

### GRANTS

- **Principal Investigator.** With funding from the North American Development Bank, we partnered with El Colegio de la Frontera Norte Nogales (COLEF) for the project titled “Evaluation of the transboundary impact of wastewater infrastructure project in Ambos Nogales.” Award amount \$25,000. May 1 2018 to March 30, 2019.
- **Principal Investigator.** With funding from the University of Arizona Green Fund, we will design, implement and evaluate a green infrastructure project at STAR Academic High School. The research project is titled “Addressing environmental injustice around green infrastructure in Tucson, Arizona.” Award amount \$25,025. April 2018 to April 2019.
- **Co-Principal Investigator.** With funding from the Sonoran Institute, we evaluate the success of the research project titled “Green infrastructure in New Hope Santa Clara Church along Airport Wash.” Award amount \$5,000. April to December 2017.
- **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.” Total award amount £30,000 for the University of the West of England, Monash University of South Africa, and University of Arizona. Award to the University of Arizona was £9,000. 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 \$21,000 USD. September 1, 2016 to June 30, 2019 (ongoing). Institutional Proposal Number 00728889.



## Adriana A. Zuniga-Teran – Curriculum Vitae

- **Consultant.** Conducted a survey of indicators for the Cienega Watershed Partnership from September 2015 to February 2016. Award amount was \$2,000. USD.
- **Postdoctoral Trainee.** Project titled: “Innovative science and influential policy dialogues for water security in the arid Americas” funded by the Inter-American Institute for Global Change Research. From 2013 to 2018.
- **Postdoctoral Trainee.** Project titled: “International Water Security Network” funded by the Lloyds Register Foundation. From 2013 – 2019.

### TEACHING EXPERIENCE

#### **Assistant Research Scientist** **January 2019 to present**

Continue teaching for the Sustainable Built Environments Degree Program  
College of Architecture, Planning and Landscape Architecture – University of Arizona

#### **Adjunct / Senior Lecturer** **August 2015 to 2018**

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

#### **Graduate Teaching Associate**

University of Arizona — Tucson, Arizona

Class: Current Research, Colloquium **2014**

## Adriana A. Zuniga-Teran – Curriculum Vitae

- 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 Instructor**

**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.

### **Mentor**

University of Arizona – Tucson, AZ

- Moira M. Scanlon on her capstone project for the Sustainable Built Environments degree program at the College of Architecture, Planning and Landscape Architecture. **2019**
- Lindsay N. Callahan on her capstone project on food deserts for her bachelor's degree on Sustainable Built Environments in the College of Architecture, Planning, and Landscape Architecture. **Spring and Fall 2019**
- 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. Shannon will graduate in December 2018 with a capstone in shopping malls. **Fall 2018**
- Ana Lucia Guerrero López on her capstone project for her bachelor's degree on Sustainable Built Environments in the College of Architecture, Planning, and Landscape Architecture. Ana Lucia's study focused on sustainability in high school curriculum. **Fall 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's capstone focused on the tire recycling options in the construction industry. **Fall 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's capstone focused on social equity in Tucson looking at housing, income and high school graduation rates. **Fall 2017**

## Adriana A. Zuniga-Teran – Curriculum Vitae

- 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**

Universidad de Sonora – Hermosillo, Mexico

- Marisela Trillas Ortiz. Masters in Sustainability in the Environmental Engineering Department. Mentor during summer research program at the University of Arizona **Summer 2019**
- Martin Alan Mar Barcelo. Master’s in Sustainability in the Environmental Engineering Department. Mentor during summer research program at the University of Arizona **Summer 2019**

El Colegio de Sonora – Hermosillo, Mexico

- Fernanda Elizalde from El Colegio de Sonora on her time at the University of Arizona to work on water governance in Sonora **Summer 2019**

### 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 Lagüera and research building *CECARENA* for campus Guaymas.

### PRESENTATIONS

- Gerlak, A. **Zuniga-Teran, A.**, Murrieta, J. Ruiz, N., Rodriguez, C., Shepard, J., and Shippek, C. 2019. Presented by **Zuniga-Teran, A.** 2019. “Equity in green infrastructure: A case study in Tucson, AZ.” Presented at the webinar The Global Water Security Challenge organized by the International Water Resources Association. April 16.

## Adriana A. Zuniga-Teran – Curriculum Vitae

- **Zuniga-Teran, A.** 2019. Participated in *Foro para Líderes: Plan Nacional de Desarrollo* organized by the *Instituto de los Mexicanos en el Exterior* (IME) and hosted by *Fundación México* at the Mexican Consulate in Tucson, AZ. April 6.
- Gerlak, A. **Zuniga-Teran, A.**, Murrieta, J. Ruiz, N., Rodriguez, C., Shepard, J., and Shipek, C. 2019. Presented by **Zuniga-Teran, A.** Invited speaker to the class GEOG 256: Sustainable Cities and Societies at the University of Arizona. Title of the presentation: “Equity in green infrastructure: A case study in Tucson, AZ.” Tucson, AZ. April 4.
- **Zuniga-Teran, A.** 2019. Invited speaker to the class SBE 380: Research Methods at the University of Arizona. Title of the presentation: “Wellbeing synergies between walkable neighborhoods and the enhanced use of greenspace.” Tucson, AZ. March 25.
- **Zuniga-Teran, A.** 2019. Invited speaker to the class GEOG 302: Sustainable Development at the University of Arizona. Title of the presentation: “Green Buildings.” Tucson, AZ. March 21.
- Gerlak, A. **Zuniga-Teran, A.**, Murrieta, J. Ruiz, N., Rodriguez, C., Shepard, J., and Shipek, C. 2019. Presented by **Zuniga-Teran, A.** 2019. “Involucrando a las comunidades para un Tucson más equitativo y verde” (Engaging communities for a more equitable and greener Tucson). Presented at the second international congress *Agua para el Futuro* organized by the Departamento General de Irrigación, the water agency of Mendoza, Argentina. March 7-9.
- Gerlak, A. **Zuniga-Teran, A.**, Murrieta, J. Ruiz, N., Rodriguez, C., Shepard, J., and Shipek, C. 2019. Presented by **Zuniga-Teran, A.** 2019. “Equity in green infrastructure: A case study in Tucson, AZ.” Presented at the event “CCASS Climate Chats” with graduate students at the Tooth Brewing Company in Tucson, AZ. February 26.
- Gerlak, A. and **Zuniga-Teran, A.** 2018. “Equity in green infrastructure: A case study in Tucson, Arizona.” Knowledge Conclave *cum* Workshop – Nature-Based Solutions to Water Security. AAETI, Nimli, Rajasthan, India. 27-30 November.
- **Zuniga-Teran, A.A.** and Rivera, M. 2018. “Landscape Design at STAR Academic High School.” Presented to faculty at STAR Academic High School. Sept. 12.
- Gerlak, A. **Zuniga-Teran, A.**, Murrieta, J. Ruiz, N., Rodriguez, C., Shepard, J., and Shipek, C. 2018. Presented by **Zuniga-Teran, A.** 2018. “Urban resilience and green infrastructure: A case study of environmental justice in Tucson, AZ” at the event “Urban Resilience Networking Hour,” at the University of Arizona. September 19.
- **Zuniga-Teran, A.A.** 2018. “State of the Cienega Watershed.” Presented at Pima County Regional Flood Control Brown Bag Series. Tucson, Arizona. August 8.
- **Zuniga-Teran, A.A.**, Avila, S., Bernal, S., Cowan, D. 2018. Participated in a discussion panel on community engagement with teachers as part of the Arizona Project Wet to increase green infrastructure sponsored by NOAA. Project title: “Community Resilience to Climate Change: Recharge the Rain.” Water Resource Research Center, University of Arizona. July 17.

## Adriana A. Zuniga-Teran – Curriculum Vitae

- **Zuniga-Teran, A.A.** 2018. “Planeación por Escenarios para El Colegio de Sonora.” A 3-day Scenario Planning workshop for El Colegio de Sonora in Hermosillo, Sonora, Mexico. June 25-27.
- **Zuniga-Teran, A.A.** 2018. “State of the Cienega Watershed.” Presented at the Science on the Sonoita Plain Symposium. Elgin, Arizona. June 2.
- **Zuniga-Teran, A.A.** 2018. “Wellbeing synergies between walkable neighborhoods and the enhanced use of greenspace.” Presented at 55<sup>th</sup> International Making Cities Livable conference. Ottawa, Canada. May 17.
- Scott, C.A., **Zuniga-Teran, A.A.**, Palomo, I, Calbimonte, G. 2018. “Contribuciones del equipo de la UA.” Presented at the congress “Desafíos en seguridad hídrica y resiliencia ante el cambio global en zonas áridas del continente americano.” Guaymas, Sonora, Mexico. April 18.
- Scott, C.A., **Zuniga-Teran, A.A.** and Palomo, I. 2018. “Seguridad hídrica en el desierto de Sonora: Cuencas, ciudades y frontera.” Presented at the congress “Desafíos en seguridad hídrica y resiliencia ante el cambio global en zonas áridas del continente americano.” Guaymas, Sonora, Mexico. April 18.
- **Zuniga-Teran, A.A.** 2018. “State of the Cienega Watershed.” Presented at workshop organized by Centre National de la Recherche Scientifique UMI-iGlobes. University of Arizona. April 12.
- **Zuniga-Teran, A.** 2018. Presentation of research projects to the Udall Foundation Board of Trustees. Udall Center for Studies in Public Policy. Tucson, Arizona. April 9.
- Gerlak, A. **Zuniga-Teran, A.**, Murrieta, J. Ruiz, N., Rodriguez, C., Shepard, J., and Shipek, C. 2018. Presented by **Zuniga-Teran, A.** Invited speaker to the class EPID 606 – Changing Global Health Policy through Epidemiological Analysis and Cultural Understanding. University of Arizona. Title of the presentation “Water security through green infrastructure: A case study on environmental injustice in Tucson, Arizona.” April 3.
- **Zuniga-Teran, A.** 2018. Invited speaker to the class GEOG 302: Sustainable Development at the University of Arizona. Title of the presentation: “Green Buildings.” March 14.
- **Zuniga-Teran, A.** and Meixner, T. 2018. “Second Annual State of the Cienega Watershed.” Workshop organized by the Cienega Watershed Partnership. University of Arizona. Tucson, AZ. March 6.
- **Zuniga-Teran, A.A.** 2018. Invited Speaker to Fundación Alfa High School for gifted and underrepresented students in Monterrey, Mexico. Title of the presentation: “Ciudades Sustantables (Sustainable Cities).” February 14, 2018.
- **Zuniga-Teran, A.A.** 2018. Invited speaker to the class GEOG 6960 – Adaptation and Resilience in Water Resources Systems. Title of the presentation: “Urban resilience through green infrastructure: An environmental justice case study in Tucson, AZ.” January 18.

## Adriana A. Zuniga-Teran – Curriculum Vitae

- Gerlak, A. **Zuniga-Teran, A.**, Murrieta, J. Ruiz, N., Rodriguez, C., Shepard, J., and Shipek, C. 2017. "Equity in green infrastructure: A case study in Tucson, AZ." Presented by **Zuniga-Teran, A.** at the Resilience & Complexity Workshop. University of Arizona. Tucson, Arizona. November 6.
- **Zuniga-Teran, A.** 2017. Invited speaker to the science class at STAR Academic High School in Tucson, AZ. Title of the presentation: "Planning for green infrastructure." October 25.
- **Zuniga-Teran, A.A.** 2017. "Neighborhood design, physical activity and wellbeing." Presented at the International Making Cities Livable conference. Santa Fe, NM. October 5.
- **Zuniga-Teran, A.A.** 2017. "UNMASKing the interactions among food-water-energy security and climate risks in cities" National Center for Atmospheric Research, Boulder, Colorado, Oct.2-3, 2017.
- Gerlak, A. **Zuniga-Teran, A.**, Murrieta, J. Ruiz, N., Rodriguez, C., Shepard, J., and Shipek, C. 2017. Equity in green infrastructure: A case study in Tucson, AZ. Presented by A. Gerlak at I Congreso Peruano Agua-Andes: "Dialogos Ciencia-Politica para el Desarrollo Sostenible" (First Peruvian Agua-Andes Congress: "Science-Policy Dialogues for Sustainable Development"). National Univ. of San Cristóbal de Huamanga, Ayacucho, Peru. Sept. 19.
- Staddon, C., **Zuniga Teran, A.**, Shoeman, Y., DeVito, L., Arcadis. 2017. Contributions of green infrastructure to urban resilience. Presented by Staddon and **Zuniga Teran** at I Congreso Peruano Agua-Andes: "Dialogos Ciencia-Politica para el Desarrollo Sostenible" (First Peruvian Agua-Andes Congress: "Science-Policy Dialogues for Sustainable Development"). National Univ. of San Cristóbal de Huamanga, Ayacucho, Peru. Sept. 19.
- Albrecht, T. R., R. G. Varady, **A. A. Zuniga-Teran**, R. De Grenade, A. Lutz-Ley, F. Martín, S. B. Megdal, F. Meza, D. Ocampo Melgar, N. Pineda, F. Rojas, R. Taboada, B. Willems. 2017. Transboundary water security in the arid Americas. Presented by Varady and **Zuniga-Teran** at I Congreso Peruano Agua-Andes: "Dialogos Ciencia-Politica para el Desarrollo Sostenible" (First Peruvian Agua-Andes Congress: "Science-Policy Dialogues for Sustainable Development"). National Univ. of San Cristóbal de Huamanga, Ayacucho, Peru. Sept. 19.
- Pineda Pablos, N., R. G. Varady, M. O. Wilder, S. Mumme, R. Figueroa Mimbela, and **A. A. Zuñiga.** 2017. The prospects of desalination for export in the Mexico-U.S. border region: A survey of Mexican opinion. Presented (by N. Pineda) at International Conference: Cutting-Edge Solutions to Wicked Water Problems. American Water Resources Assoc. and Water Research Center, Tel Aviv Univ. Tel Aviv, Israel. 10-11 Sept.
- **Zuniga-Teran, A.**, Lutz-Ley, A., Peon, R. Pasqal, J., Peralta, Y. 2017. "Planning for desalination: a comparative case study." Presented by **Zuniga-Teran, A.A.** and Lutz-Ley, A.N. 2017. Participated in the XVI World Water Congress. 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.

## Adriana A. Zuniga-Teran – Curriculum Vitae

- **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.,** Fisher, L. and Meixner, T. 2017. First Annual State of the Cienega Watershed. Workshop organized by the Cienega Watershed Partnership. University of Arizona. Tucson, AZ. March 8.
- **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.

## Adriana A. Zuniga-Teran – Curriculum Vitae

- 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 1<sup>st</sup> International Congress of Urbanism 2015, City, Urban Policy, and Borders. Instituto Tecnológico de Nogales. Nogales, Sonora, Mexico. September 30.



## Adriana A. Zuniga-Teran – Curriculum Vitae

- **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.

### POSTER PRESENTATIONS

- **Zuniga-Teran, A.A.**, Fisher, L., Meixner, T. McFarlin, S. Postillion, F. Presented by Zuniga-Teran, A. 2018. Poster presentation at UHMI Seminar in La Martigue, France. October 8-10.
- **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.

### SERVICE

#### **PhD/Master's 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.

El Colegio de Sonora – Hermosillo, Sonora

- Ivan de Santiago Armenta Ramirez's thesis titled "'Análisis socio-espacial de los atropellamientos en los cruceros viales considerados de mayor riesgo peatonal en Hermosillo, Sonora, 2014-2017.'" Santiago is a master's student at El Colegio de Sonora in Hermosillo, Mexico.

#### **Reviewer**

## Adriana A. Zuniga-Teran – Curriculum Vitae

- 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 job search committee
  - Position Postdoctoral Research Associate at the Udall Center for Studies in Public Policy at the University of Arizona in May 2016
  - Position of Receptionist at the Udall Center for Studies in Public Policy at the University of Arizona in June 2017
  - Chaired the search for two Graduate Research Assistants at the Udall Center for Studies in Public Policy in the fall 2017
- Reviewer for the following journals:
  - *Sustainability*
  - *Water Alternatives*
  - *Urban Design*
  - *International Journal of Environmental Research and Public health*
  - *Water International*
  - *Water*
  - *Environment and Planning B: Urban Analytics and City Science*
  - *URBE*
  - *Urban Science*
- Reviewer for design studio
  - Mid-term review for the Urban Design Studio with Professor Travis Mueller at the College of Architecture, Planning and Landscape Architecture. February 2019
  - Mid-term review for the Water Conservation Design Studio with Professor Courtney Crosson at the College of Architecture, Planning and Landscape Architecture. October 2018
  - Mid-term and final review for the Landscape Design Studio with Professor Bo Yang at the College of Architecture, Planning and Landscape Architecture. April and May 2018

### Judge

University of Arizona – Tucson, AZ

- Arid Lands Resource Science 50<sup>th</sup> Anniversary Poster Competition **2018**
- Arid Lands Resources Science Presentation Competition **2016 and 2017**
- Sustainable Built Environments Capstone Poster Competition **May 2015**

### Organizer

- Lecture Series for the Sustainable Built Environment Program **2017-present**

### Committee member

- Serves on the Strategic Planning and Operations Advisory Committee (SPOAC) at the College of Architecture, Planning and Landscape Architecture **2018**
- Serves on the Academic Task Initiative for the College of Architecture, Planning, and Landscape Architecture **2018**

### Board Member

## Adriana A. Zuniga-Teran – Curriculum Vitae

- Serves on the Advisory Board of the University of Arizona leading initiative 3.3 Next Generation Model for Healthy Aging. **May 2019 - present**
- Serves on the Board of the Sky Island Alliance organization. **August 2018 - present**
- Co-chair of the Board of the Sky Island Alliance **March 2019 – present**

### MEDIA

- **Landscape Architecture Magazine** **April 24, 2019**  
Timothy Schuler interviewed Adriana Zuniga and Bo Yang for the landscape design of Star Academic High School in Southern Tucson, Arizona.
- **High Country News** **December 6, 2018**  
News story that discusses Haury project on engaging community around equity issues in green infrastructure and water sustainability in south Tucson. [https://www.hcn.org/articles/climate-change-extreme-heat-hits-tucson-poor-neighborhoods-hardest?utm\\_source=wcn1&utm\\_medium=email](https://www.hcn.org/articles/climate-change-extreme-heat-hits-tucson-poor-neighborhoods-hardest?utm_source=wcn1&utm_medium=email)
- **UA Journalism** **November 17, 2018**  
Video made by a UA journalism student, Alex Gonzalez, can be found at this link: <http://www.udallcenter.arizona.edu/hauryproject/news-blogs/implementation-green-infrastructure-star-academic-high-school>
- **iGlobes News and Events** **October, 2018**  
“UA Senior Lecturer Adriana Zuniga Presenting at the Observatory Workshop in France.” <https://www.cnrs-univ-arizona.net/welcome/news-events/>
- **Interview for the Inc Magazine (Inc.com)** **December 18, 2017**  
Journalist Rebecca Hinds interviewed Adriana Zuniga on her expertise with active transportation and the health advantages of walking and biking (<https://www.inc.com/>).
- **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](http://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>

## Adriana A. Zuniga-Teran – Curriculum Vitae

- **Interview for “Dr. OZ The Good Life Magazine”** **March 14, 2017**  
Reporter Megan Ditrolio 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=](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**

## Adriana A. Zuniga-Teran – Curriculum Vitae

Udall Center for Studies in Public Policy— University of Arizona

- Coordinates the International Water Security Network – Transboundary water resources in the arid Americas, funded by the Lloyd’s Register Foundation..
- Coordinates AQUASEC Center for Excellence in Water Security projects.
- Coordinates the project “Tucson Verde para Todos” funded by Haury Program in Environment and Social Justice.

The Institute of the Environment — University of Arizona — Tucson, Arizona

Research Project: Climate Change Adaptation in Department of Defense Facilities of the Southwest.

- 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

**2016 to present**

- Co-planned the workshop “Binational water relations at 75 years: Retrospectives, resilience and the future of UA-Mexico water resources governance. University of Arizona. Oct. 15-17, 2018.
- Co-planned the Congress “Desafíos en seguridad hídrica y resiliencia ante el cambio climático en zonas áridas del continente americano.” Guaymas, Sonora, Mexico. April 12-21, 2018.
- Planned the International Water Governance Workshop titled “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 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

## Adriana A. Zuniga-Teran – Curriculum Vitae

- French: Basic proficiency

### VOLUNTEER EXPERIENCE

- Airport Wash Green Infrastructure Project **Fall 2017**
- 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

- American Association of University Women (AAUW) – original join date March 29, 2011, joined again on August 22, 2017
- Biosciences Toastmasters – September 2014 to September 2016
- Arid Lands Resource Sciences student club – affiliated
- 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

- Honor Award** **2019**  
2018 Arizona Chapter American Society of Landscape Architects. Project title: Green infrastructure for social justice: Retrofitting a high school in south Tucson. University of Arizona student team designed the campus for Star Academic High School. Co advisors: Bo Yang, **Adriana Zuniga**, Joaquin Murrieta, Andrea Gerlak
- Hispanic Serving Institution Fellow** **2019**  
Office of the Provost, University of Arizona
- Recognition for the Star Academic High School project** **2019**  
Awarded by Sunnyside Unified School District, Tucson, AZ
- Honorary mention – 2016 best paper award, International Water Resources Association** **2017**  
M. O. Wilder, I. Aguilar-Barajas, N. Pineda-Pablos, R. G. Varady, S. M. Megdal, J. McEvoy, R. Merideth, **A. A. Zúñiga-Terán**, and C. A. Scott. "Desalination and water security in the US–Mexico

## Adriana A. Zuniga-Teran – Curriculum Vitae

border region: assessing the social, environmental and political impacts." *Water International* 41, 5: 756-75. <http://dx.doi.org/10.1080/02508060.2016.1166416> .

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