RICARDO GONZÁLEZ-PINZÓN, Ph.D.
Associate Professor
Department of Civil, Construction & Environmental Engineering
University of New Mexico
Albuquerque, NM 87131
+1 (505) 277 2621
http://gonzaric.people.unm.edu
gonzaric@unm.edu

RESEARCH INTERESTS

Mass and energy fluxes in watersheds; Wildfire disturbances to watersheds and ecosystem services, Food-Energy-Water systems; Groundwater-surface water interactions; Stream ecology and nutrient processing; Bioreactive and environmental tracers; Mathematical and computational modeling of eco-hydrologic systems; Environmental hydrogeology; Fluid mechanics and hydraulics.

EDUCATION

2013	**Ph.D. Water Resources Engineering** Oregon State University
2008	**M.S. Water Resources Engineering** National University of Colombia
2005	**B.S. Biosystems Engineering– Emphasis: Water Resources** National University of Colombia

ACADEMIC EXPERIENCE

2019-Now	**Associate Professor of Water Resources Engineering** University of New Mexico
2013-2019	**Assistant Professor of Water Resources Engineering** University of New Mexico
2009-2013	**Graduate Research Assistant** Oregon State University

COURSES TAUGHT

- CE 331 Fluid Mechanics. Fall 2016. University of New Mexico.
- CE 440/540 Design of Hydraulic Systems, Spring 2018. University of New Mexico.
- CE 441/541 Hydrogeology, Fall 2017, 2019. University of New Mexico.
- CE 442 Hydrology & Hydraulic Engineering. Fall 2013-2019 (every year). University of New Mexico.
- CE 497/499 Design of Civil Engineering Systems. Spring 2022. University of New Mexico.

- CE 542 Intermediate Hydrology. Spring 2014-2020 (every other year). University of New Mexico.
- CE 598 Surface Water Quality Modeling. Spring 2015-2019 (every other year). University of New Mexico.
- CE 598 Ecohydrology. Fall 2018. University of New Mexico.
- Open Channel Hydraulics and Pressurized Hydraulic Systems. From 2006 to 2008. National University of Colombia.

PEER-REVIEWED PUBLICATIONS

30. Haghnazar, H.; Johannesson, K. H.; González-Pinzón, R.; Pourakbar, M.; Aghayani, E.; Rajabi, A.; Hashemi, A. A. (2021), Groundwater Geochemistry, Quality, and Pollution of the Largest Lake Basin in the Middle East: Comparison of PMF and PCA-MLR Receptor Models and Application of the Source-Oriented HHRA Approach. *Chemosphere*, 132489. https://doi.org/10.1016/j.chemosphere.2021.132489

29. Ball, G., Regier, P., González-Pinzón, R., Reale, J., Van Horn, D. (2021), Wildfires increasingly impact western US fluvial networks. *Nature Communications* 12, 2484. https://doi.org/10.1038/s41467-021-22747-3

28. Bicknell, K., Regier, P., Van Horn, D, Feeser, K., **González-Pinzón, R**. (2020), Linking hydrobiogeochemical processes and management techniques to close nutrient loops in an arid river, *Frontiers in Water*, *http://doi.org/10.3389/frwa.2020.00022*

27. Khandelwal, A., **González-Pinzón, R**., Regier, P., Nichols, J., Van Horn, D. (2020), Introducing the Self-Cleaning FiLtrAtion for Water quaLity SenSors (SC-FLAWLeSS) system, *Limnology & Oceanography: Methods*, *http://dx.doi.org/10.1002/lom3.10377*

26. Regier, P., **González-Pinzón, R**., Van Horn, D., Reale, J., Nichols, J., Khandelwal, A. (2020), Water quality impacts of runoff from monsoon storms on arid-land rivers: comparing urban and non-urban pulses in the Rio Grande, *Science of the Total Environment*, *https://doi.org/10.1016/j.scitotenv.2020.138443*.

25. Gootman, K., **González-Pinzón, R**., Knapp, J., Garayburu, V., Cable, J. (2020), Spatiotemporal variability in transport and reactive processes across a 1st - 5th order fluvial network, *Water Resources Research*, *https://doi.org/10.1029/2019WR026303*

24. Summers, B.M., Van Horn, D.J., **González-Pinzón, R**., Bixby, R.J. Grace, M.R., Sherson, L.R., Crossey, L., Stone1, M.C., Parmenter, R.R., Compton, S., Dahm, C.N. (2020), Long-term data reveal highly-variable metabolism and transitions in trophic status in a montane stream, *Freshwater Science*, *https://doi.org/10.1086/708659*

23. Dallan, E., Regier, P., Marion, A., **González-Pinzón, R.** (2020), Does the mass balance of the reactive tracers resazurin and resorufin close at the microbial scale?, *J. of Geophysical Research*, *https://doi.org/10.1029/2019JG005435*

22. Fluke, J., **González-Pinzón, R.,** Thomson, B. (2019), Riverbed sediments control the spatiotemporal variability of E. coli in a highly managed, arid river, *Front. Water 1:4. http://doi.org/10.3389/frwa.2019.00004*

21. González-Pinzón, R. , Dorley, J. , Regier, P., Fluke, J. , Bicknell, K. , Nichols, J. , Khandelwal, A. , Wolf, E. , Caruana, S. N. and Van Horn, D. J. (2019), Introducing "The Integrator": A novel technique to monitor environmental flow systems. *Limnology & Oceanogr: Methods*, 17: 415-427. *http://doi.org/10.1002/lom3.10322*

20. Knapp, J., **R**. **González-Pinzón**, R. Haggerty, 2018, The Resazurin-Resorufin System: Insights from a Decade of "Smart" Tracer Development for Hydrologic Applications, *Water Resources Research*, *https://doi.org/10.1029/2018WR023103*

19. Riveros-Iregui DA, TP Covino, **R González-Pinzón**, 2018, The Importance of and Need for Rapid Hydrologic Assessments in Latin America. *Hydrological Processes, 2018;32:2441–2451. https://doi.org/10.1002/hyp.13163*

18. Drummond, J. D., L. G. Larsen, **R. González-Pinzón**, A. I. Packman, J. W. Harvey, 2018, Less fine particle retention in a restored versus unrestored urban stream: balance between hyporheic exchange, resuspension and immobilization, *Journal of Geophysical Research: Biogeosciences, 123, 1425–1439. https://doi.org/10.1029/2017JG004212*

17. Pai, H., H. Malenda, M. Briggs, K. Singha, **R. González-Pinzón**, M. Gooseff, S. Tyler, the AirCTEMPS Team, 2017, Potential for Small Unmanned Aircraft Systems applications for identifying groundwater-surface water exchange in a meandering river reach, *Geophysical Research Letters, 44, 11,868–11,877. https://doi.org/10.1002/2017GL075836*

16. Avasarala, S., P.C. Lichtner, A.S. Ali, **R. González-Pinzón**, J.M. Blake, J.M. Cerrato, 2017, Reactive Transport of U and V from Abandoned Uranium Mine Wastes, *Environmental Science & Technology, 51 (21), 12385-12393, https://doi.org/10.1021/acs.est.7b03823*

15. Drummond, J. D., L. G. Larsen, **R. González-Pinzón**, A. I. Packman, J. W. Harvey, 2017, Fine particle retention within stream storage areas at base flow and in response to a storm event, *Water Resources Research, 53, 5690–5705, https://doi.org/10.1002/2016WR020202*

14. Knapp, J., **R**. **González-Pinzón**, J.D. Drummond, L. G. Larsen, O. Cirpka, J.W. Harvey, 2017, Tracer-Based Characterization of Benthic Biolayers in Streams, *Water Resources Research, 53, 1575–1594 https://doi.org/10.1002/2016WR019393*

13. Mortensen, J.G., **R**. **González-Pinzón**, C.N. Dahm, J. Wang, L.H. Zeglin, D.J. Van Horn, 2016, Advancing the food-energy-water nexus: Closing nutrient loops in arid river corridors, *Environmental Science and Technology*, 50 (16), pp 8485–8496, *https://doi.org/10.1021/acs.est.6b01351*

12. González-Pinzón, R., M. Peipoch, R. Haggerty, M. Ríbot, E. Martí, and J. Fleckenstein, 2016, Nightime and daytime respiration in a headwater stream, *Ecohydrology*, 9: 93–100, *https://doi.org/10.1002/eco.1615/*

11. González-Pinzón, R., J. Mortensen, and D. Van Horn, 2015, Comment on "Solute-specific scaling of inorganic nitrogen and phosphorus uptake in streams" by Hall et al. (2013), *Biogeosciences*, *12*(8), 5365–5369, *https://doi.org/10.5194/bg-12-5365-2015*

10. González-Pinzón, R., A. S. Ward, C. E. Hatch, A. N. Wlostowski, K. Singha, M. N. Gooseff, R. Haggerty, J. W. Harvey, O. A. Cirpka, and J. T. Brock, 2015, A field comparison of multiple techniques to quantify groundwater–surface-water interactions, *Freshwater Science***,** 34 (1)**,** 139-160**,** *https://doi.org/10.1086/679738*

9. Lemke, D**., R. González-Pinzón,** Z. Liao, T. Wöhling, K. Osenbrück, R. Haggerty, and O. Cirpka, 2014, Sorption and transformation of the reactive tracers resazurin and resorufin in natural river sediments, *Hydrology and Earth System Sciences, 18*: 3151-3163, *https://doi.org/10.5194/hess-18-3151-2014*

8. González-Pinzón, R., R. Haggerty, and A. Argerich, 2014, Quantifying spatial differences in metabolism in headwater streams, *Freshwater Science, 33 (3)*: 798-811, *https://doi.org/10.1086/677555*

7. González-Pinzón, R., and R. Haggerty, 2013, An efficient method to estimate processing rates in streams, *Water Resources Research, 49, 6096–6099 https://doi.org/10.1002/wrcr.20446*

6. González-Pinzón, R., R. Haggerty, and M. Dentz, 2013, Scaling and predicting solute transport processes in streams, *Water Resources Research, 49, 4071–4088 https://doi.org/10.1002/wrcr.20280*

5. Briggs, M. A., L. K. Lautz, D. K. Hare, and **R. González-Pinzón**, 2013, Relating hyporheic fluxes, residence times, and redox-sensitive biogeochemical processes upstream of beaver dams, *Freshwater Science, 32(2)*, 622–641, *https://doi.org/10.1899/12-110.1*

4. Zarnetske, J. P., R. Haggerty, S. Wondzell, V. A., Bokil, **R. González-Pinzón**, 2012, Coupled transport and reaction kinetics control the nitrate source-sink function of hyporheic zones, *Water Resources Research*, 48, W11508, *https://doi.org/10.1029/2012WR011894*

3. González-Pinzón, R., R. Haggerty, D. Myrold, 2012, Measuring aerobic respiration in stream ecosystems using the resazurin-resorufin system, *Journal of Geophysical Research, 117*, G00N06, *https://doi.org/10.1029/2012JG001965*

2. Camacho, Luis A., **R. González-Pinzón,** 2008, Calibration and prediction ability analysis of longitudinal solute transport models in mountain streams, *Journal of Environmental Fluid Mechanics, 8:597, https://doi.org/10.1007/s10652-008-9109-0*

1. Rodríguez S., E. A., **R. González-Pinzón,** M. P. Medina, Y. A. Pardo, A. C. Santos, 2007, A methodology for the development of flood hazard maps and zoning: A study case in the lower part of the Las Ceibas river basin (Neiva-Huila), *Avances en Recursos Hidráulicos, 16, 65-78*.

RESEARCH GRANTS AWARDED

(Total: $ 8,723,859, as PI: $2,470,331, as co-PI, $6,253,528)

2021	**Role: PI.** How far downstream do wildfire disturbances propagate in fluvial networks. National Science Foundation ($423,431).
2021	**Role: PI.** Quantifying the longitudinal propagation of disturbances in rivers. NM WRRI ($30,000).
2020	**Role: co-PI.** Assessing Water Quality Trends and Suspended Sediment Surrogates Above and Below Reservoirs Using High-Frequency Sensors in New Mexico and Southern Colorado. US Army Corps of Engineers ($199,589).
2020	**Role: co-PI.** Center for Water and the Environment. NSF ($5,000,000).
2018	**Role: PI.** Physical, resource supply, and biological controls on nutrient processing along the river continuum. DOE ($200,000).

2017 **Role: PI.** Nutrient dynamics along a river continuum: combining sensor data, experiments, and time series analyses to identify local to watershed scale drivers of nutrient cycling. NSF ($329,740).

2017 **Role: PI.** Collaborative Research: How do interactions of transport and stoichiometry maximize stream nutrient retention? NSF ($1,131,369 to team, $338,136 to González-Pinzón).

2016 **Role: co-PI.** Collaborative Research: A strategic partnership for geoscience education and research on watershed science and climate change in the southwestern USA. NSF ($799,939).

2016 **Role: PI.** Characterization of Pathogenic Bacterial Regrowth and Impairment Potential along the Rio Grande near Albuquerque. NM WRRI ($5,980).

2015 **Role: PI.** INFEWS supplement: Transforming linear societies into recycling societies through wastewater reuse for agriculture in arid regions. NSF ($298,449).

2015 **Role: PI.** How does nutrient processing change along a river continuum? NM WRRI ($5,938).

2015 **Role: PI**. Combining Empirical Relationships with Data-Based Mechanistic Modeling to Inform Solute Tracer Investigations across Stream Orders. NM WRRI ($6,000).

2015 **Role: PI.** CUAHSI instrumentation discovery grant. CUAHSI-NSF ($1,000).

2014 **Role: PI.** Doing hydrology backward in New Mexico to estimate a statewide water budget. NM WRRI ($29,904).

2014 **Role: senior personnel.** CREST: Center for Water and the Environment. NSF ($ 350,000 share over a 5-year term).

2014 **Role: PI.** Spatial and temporal dynamics of nutrient demand along a river continuum. UNM RAC ($8,520).

2014 **Role: Co-PI.** Central New Mexico Climate Change Scenario Planning Project. Department of Transportation (USDOT) ($ 103,589).

AWARDS

2019 & 2016 & 2015 Faculty Best Paper Award
Awarded by: Department of Civil, Construction & Environmental Engineering

2018 Stamm Endowed Research Award
Awarded by: Department of Civil, Construction & Environmental Engineering

2012 Graduate Student Travel Award
Oral presentation at the annual meeting of the European Geophysical Union in Vienna, Austria.
Awarded by: Oregon State U. Graduate School and program of Geography.

2011 Pathfinder Graduate Student Fellowships to Support Multi-site Research in Hydrology

Awarded by: Consortium of Universities for the Advancement of Hydrologic Science CUAHSI.

2010 H.J. Andrews Graduate Research Grant Program
Awarded by: H.J. Andrews Experimental Forest – U.S. Long Term Ecological Research.

2008 Opportunity Grant – Education USA
Bureau of Educational and Cultural Affairs' grant to support highly qualified international students.
Awarded by: U.S. Department of State. Education USA.

2008 National Research Graduate Grant Program
Awarded by: National University of Colombia.

2007 Travel award: II Iberoamerican meeting on Climate Change and Water Resources, La Antigua – Guatemala
Awarded by: Spanish Agency for International Cooperation (AECI, acronym in Spanish) and Iberoamerican Program for Science and Technology Development (CYTED, acronym in Spanish).

2006-08 Excellent Graduate Student Grant
Awarded by: National University of Colombia.

2005 2nd place in the national examination of higher education, Biosystems Engineering chapter.
Awarded by: Colombian Institute for the Fomentation of Higher Education (ICFES, acronym in Spanish)

2000-05 Undergraduate Students Grant
Awarded by: National University of Colombia

INVITED TALKS

- **2018** Politecnico di Torino– Turin, Italy
- **2017** II International Engineering Seminar: Water and sustainable development– Quindio, Colombia
- **2016** NM ASCE annual meeting – Albuquerque, NM
- **2016** Duke University – Durham, NC
- **2016** University of North Carolina – Chapel Hill, NC
- **2015** National University of Colombia – Bogota, Colombia
- **2015** Café Scientifique New Mexico – Albuquerque, NM
- **2014** Colorado School of Mines **–** Golden, CO
- **2014** New Mexico Institute of Mining and Technology – Socorro, NM

POSTDOCS AND GRADUATE STUDENTS ADVISED

(Degree pursued, expected graduation date)

1. Jancoba Dorley (Ph.D. student, 2022)
2. Aashish Sanjay (Ph.D. student, 2022)
3. Justin Nichols (Ph.D student, 2022)
4. Paige Tunby (MS student, 2021)

GRADUATE STUDENTS ALUMNI

1. Dr. Peter Regier (Postdoc, now at PNNL)
2. Sumant Avasarala (Ph.D., co-advised, 2018): Now at U. California - Riverside
3. Justin Nichols (MS student, 2020, Now pursuing a Ph.D.)
4. Aashish Sanjay (MS student, 2020, Now pursuing a Ph.D.)
5. Kelsey Bicknell (MS student, 2019): Now at CDM Smith in Albuquerque.
6. James Fluke (MS, 2018): Now at the Bureau of Reclamation
7. Emily Wolf (2019): Now at National Parks Conservation Association
8. Vanessa Garayburu (MS 2017): Now at the Pacific Northwest National Lab.
9. Jacob Mortensen (MS, 2016): Now at American Southwest Ichthyological Researchers, L.L.C.
10. Cameron Herrington (MS, 2015). Now at the Bureau of Reclamation

UNDERGRADUATE AND HIGH-SCHOOL STUDENTS

1. Tzion Castillo: Currently in my lab
2. Trevor Amestoy (UNM, 2020)
3. Ruendy Castillo (UNM, 2020)
4. Haley Ormsbee (UNM, 2020)
5. Antonio Perez (UNM, 2019)
6. Edwin Valenzuela (UNM, 2019)
7. Mileena Sanchez (UNM, 2019)
8. Fabian Carbajal (UNM, 2018)
9. Melissa Pinson (High School, 2018)
10. Jarek Kwiecinski (High School, 2017)
11. Kelsey Bicknell (UNM, 2016)
12. Justin Nichols (UNM, 2016)
13. Kathryn Beebe (High School, 2016)
14. James Fluke (UNM, 2015)
15. Cody Tyler (High School, 2015)
16. Adrian Gonzales (High School, 2015)
17. Alexander Romero (High School, 2015)
18. Raul Gonzales (High School, 2015)
19. Diana Baltazar (UNM, 2015)
20. Melissa Sallberg (UNM, 2014)

OUTREACH, COLLABORATIVE PROJECTS AND SERVICE

Ongoing **Journal Reviewer:** Nature Communications, Hydrological Processes, Water Resources Research, Environmental Science and Technology, Biogeosciences, Freshwater Science, Journal of Hydrology, Journal of Geophysical Research, Environmental Earth Sciences.

Ongoing **Department Committee Service:** Graduate Studies and Outreach.

Ongoing **Convener of Scientific Meetings:** American Geophysical Union Fall Meeting 2012, 2013, 2017: Groundwater-Surface Water Interactions: Physical, biological, and chemical relevance.

Ongoing **Mentor:**

- The Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP), School of Engineering, UNM
- The NM Alliance for Minority Participation, UNM

2016 **Co-organizer of a workshop at Rocky Mountain Biological Laboratory:** Techniques for Stream-Groundwater Investigations. **Collaborators:** Dr. Michael Gooseff (U. Colorado.), Dr. Kamini Singha (Colorado School of Mines.), Dr. Judson W. Harvey (USGS), Dr. Martin Briggs (USGS), Dr. Scott Tyler (U. Nevada), Dr. Henry Pai (U. Nevada).

2015 **Co-organizer** of the 2015 ASCE Rocky Mountain regional conference

2012 **Co-organizer of a workshop at Penn. State University: State College (PA)**. Techniques to quantify stream-groundwater exchange and shallow transport. **Collaborators:** Dr. Michael Gooseff (U. Colorado), Dr. Kamini Singha (Colorado School of Mines.), Dr. Judson W. Harvey (USGS), Dr. Olaf Cirpka (U. of Tübingen), Dr. Roy Haggerty (Oregon St. U.), Dr. Christine Hatch (U. Massachusetts – Amherst), Dr. Adam Ward (U. of Iowa).

2012 **Visiting research stay at the Center for Advanced Studies of Blanes (CEAB): Catalonia, Spain**
Project: Determining diel fluctuations of in-stream respiration in autotrophic and heterotrophic streams using the resazurin-resorufin system. **Collaborators:** Dr. Marc Peipoch (U. of Barcelona), Dr. Miquel Ríbot (U. of Barcelona), Dr. Eugènia Martí Rocca (CEAB), Dr. Roy Haggerty (Oregon St. U.).

2011 **Visiting research stay at the United States Geological Survey (USGS) National Center – Reston (VA), USA**
Project: The relationship of metabolically active transient storage to hyporheic flow paths in streams. **Collaborators:** Dr. Jud Harvey (USGS), Dr. Roy Haggerty (Oregon St. U.), Dr. Laurel Larsen (U. of California - Berkeley), Dr. Aaron Packman (Northwestern U.), Dr. Jennifer Drummond (Northwestern U.).

CONFERENCE PROCEEDINGS AND TECHNICAL REPORTS (Last 3 years)

- Aghababaei, M., Ginn, T., Carroll, K., Gonzalez-Pinzon, R., and Tartakovsky, A.: The Remarkable Generality of the Transient Storage Model with Residence Time Dependence: Temporal Moments., EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-13942, 2021.
- Skuyler Herzog, Steven M Wondzell, Satish Prasad Serchan, Adam S Ward, Ricardo González-Pinzón, Julia LA Knapp, 2020, Seasonal shifts in dissolved oxygen, carbon dynamics, and resazurin transformation along a 12-m long artificial hyporheic flowpath, AGU Fall Meeting 2020.
- Karin Emanuelson, Tim P Covino, Jancoba Dorley, Joel G Singley, Ricardo González-Pinzón, Michael N Gooseff, Kamini Singha, 2020, Evaluating Variation

in Hydrologic Transport in Steep-Forested and Low Gradient-Agricultural Streams, AGU Fall Meeting 2020.

- Khandelwal, A., González-Pinzón, R., Regier, P., Nichols, J. Van Horn, D., 2019, Introducing the Self-Cleaning FiLtrAtion for Water quaLity SenSors (SC-FLAWLeSS) system, AGU Fall Meeting.
- Nichols, J., Khandelwal, A., Gonzalez-Pinzon, R., Regier, P., Van Horn, D., 2019, Biogeochemical Dynamics During Snow Cover in a Montane Grassland Stream, AGU Fall Meeting.
- Dorley, J., Gonzalez-Pinzon, R., Singley, J.G., Emanuelson, K., Covino, T.P., Gooseff, M., Singha, K., 2019, Estimating metabolic responses to carbon, nitrogen and phosphorous additions in different stream compartments, AGU Fall Meeting.
- Gootman, K., Gonzalez-Pinzon, R., Knapp, JLA, Garayburu-Caruso, VA, Cable, J., 2019, Spatiotemporal Variability in Transport and Reactive Processes Across a 1st–5th Order Fluvial Network, AGU Fall Meeting.
- Regier, P., González-Pinzón, R., Van Horn, D., Khandewal, S., Nichols, J., Reale, J., 2019, Urban and non-urban runoff quality in the Middle Rio Grande. MRGESCP Science Symposium, Albuquerque, NM, USA.
- Regier, P., González-Pinzón, R., Van Horn, D., Khandewal, S., Nichols, J., Reale, J., 2019, Urban and non-urban stormwater pulses in the Rio Grande. ASLO Aquatic Sciences Meeting, San Juan, Puerto Rico.
- Van Horn, D., Reale, J., Dahm, C., Archedeacon, T., González-Pinzón, R., Regier, P., ... Summers, B., 2019, Water quality monitoring in the MRG: The importance of long-term datasets for assessing river function and health. MRGESCP Science Symposium, Albuquerque, NM, USA.
- Khandelwal, A., González-Pinzón, R., Regier, P., Nichols, J., Van Horn, D., 2019, Introducing the Self-Cleaning FiLtrAtion for Water quaLity SenSors (SC-FLAWLeSS) system, 16th Rocky Mountain Section American Water Works Association (RMSAWWA) and Rocky Mountain Water Environment Association (RMWEA) Joint Annual Student Conference, poster presentation, Boulder (CO), USA.
- Khandelwal, A., González-Pinzón, R., Regier, P., Nichols, J., Van Horn, D., 2019, Introducing the Self-Cleaning FiLtrAtion for Water quaLity SenSors (SC-FLAWLeSS) system, 2019 New Mexico Water Workshop, poster presentation, Albuquerque (NM), USA.
- Regier, P., González-Pinzón, R., Van Horn, D., Khandelwal, A., Nichols, J., Reale, J., 2019, Water chemistry of urban and non-urban stormwater runoff in the Rio Grande, CUAHSI Watershed Science master class, poster presentation, Oracle (AZ), USA.
- Regier, P., González-Pinzón, R., Van Horn, D., Khandelwal, A., Nichols, J., Reale, J., 2019, Impacts of urban stormwater runoff on downstream water quality in the Rio Grande, ASLO Aquatic Sciences Meeting, oral presentation, San Juan, Puerto Rico.
- Nichols, J., González-Pinzón, R., 2018, In-Situ Aquatic Sensor Networks: The Next Breakthrough to Understanding Nutrient Dynamics, AWWA 15th annual student conference, oral presentation, Golden (CO), USA

LANGUAGES

I read, write and speak fluently in English and Spanish (native).