

Guido A. Herrera-R. | CV

Updated October 2024

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Education

- **Ph.D. Ecology & Evolutionary Biology** **2020 -**
The University of Tennessee *Knoxville, TN*
Advisor: Dr. Xingli Giam
- **M.Sc. Modeling of Ecological Systems** **2016 - 2018**
University of Toulouse III Paul Sabatier *Toulouse, France*
Honors (1st year) & Highest Honors (2nd year)
Thesis: Combined effects of climate change and fragmentation by dams in Andean Amazon fishes.
Advisor: Dr. Pablo A. Tedesco
- **B.Sc. Biology** **2011 - 2015**
Pontifical Javeriana University *Bogotá, Colombia*
Thesis: High endemism areas of fishes in the Colombian Andean Orinoco region inferred from species distribution models.
Advisor: Dr. Javier A. Maldonado-Ocampo†

Research and Work Experience

- **Consultant** **Jul-Sep 2023**
Wildlife Conservation Society (WCS) - Andes-Amazon-Orinoco (AAO) regional program *Remote, US*
"Analysis of the potential of the Ictio dataset to contribute to fisheries monitoring at scale"
Supervisor: Dr. Sannie Brum
- **Graduate Research Assistant** **Jan - Sep 2023**
Conservation Ecology Lab, The University of Tennessee *Knoxville, TN*
SE CASC project: Climate- and land-cover-induced shifts in the distribution and abundance of invasive fish and their impacts on native fish communities in the Tennessee and Cumberland River Basins
Supervisor: Dr. Xingli Giam
- **Laboratory Assistant** **Oct 2018 - Dec 2019**
Tropical Rivers Lab, Florida International University *Miami, FL*
Supporting automated monitoring of water quality for the Amazon Citizen Science Project
Supervisor: Dr. Elizabeth Anderson
- **Research Assistant** **Jun - Sep 2018**
Ecology & Biological Diversity Lab, Toulouse University III *Toulouse, France*
Measuring fish functional traits from photos and updating a global trait database
Supervisors: Dr. Sébastien Brosse & Dr. Pablo A. Tedesco
- **Research Assistant** **Oct 2015**
Humedales Foundation *Bogotá, Colombia*
Fish diversity characterization in the EMGESA campus around Mambita, Colombia
Supervisor: Dr. Saúl Prada-Pedrerros
- **Intern** **Jun - Aug 2015**
REU in Tropical Ecology & Evolution *El Verde Field Station, Puerto Rico*
Project: Factors regulating the distribution and abundance of Sicydium (Gobiidae: Perciformes) in headwater streams within El Yunque National Forest, Puerto Rico.
Advisor: Dr. Pedro J. Torres

Intern

Jan - Jun 2014

- *Ichthyology Lab, Pontifical Javeriana University*

Curatorial assistant for the fish collection at the Natural History Museum

Supervisor: Dr. Javier A. Maldonado-Ocampo†

Volunteer

Jul 2013

- *Ecosystem Ecology Lab, Florida International University*

Sample processing and mesocosm installation

Supervisor: Dr. John Kominoski

Miami, FL

Submitted publications

- Anderson, E., Encalada, A., Couto, T., Beveridge, C., **Herrera-R, G.A.**, Heilpern, S., Almeida, R., Cañas-Alva, C., Correa, S., Souza, L. de, Duponchelle, F., Garcia-Davila, C., Goulding, M., López-Casas, S., Maldonado-Ocampo, J., Miranda, G., Montoya, M., Piland, N., Victoria-Lacy, L., Varese, M., and Jenkins, C. "Conserving Freshwater Connectivity of the Western Amazon." In Review.
- Jenkins, C., Athayde, S., Beveridge, C., Correa, S., Espinoza, J., Heilpern, S., **Herrera-R, G.A.**, Lacy, L., Olivas, P., Oliveira, A., Piland, N., Utsunomiya, R., and Anderson, E. "The Global Importance of Amazonian Freshwaters." In Review.
- Mateus-Aguilar, B., Díaz-Salazar, A., Batista, N., Andrade-Rivas, F., Cárdenas-Navarrete, A., Dávila Arenas, A., Hernández, K., **Herrera-R, G.A.**, Langhans, K., Levey, D., Neill, A., Nguyen, O., Ocampo-Peñuela, N., Suárez-Castro, A., Zapata, F., and Echeverri, A. "Relationships Between Biodiversity and Cultural Diversity are Scale Dependent." In Review.
- Rodrigues, A., Correa, S., Jézéquel, C., Lugo-Carvajal, A., Hugueny, B., Doria, C., Arantes, C., Bailly, D., Couto, E. do, **Herrera-R, G.A.**, Bogotá-Gregory, J., Azevedo, J., Zuanon, J., Coronado-Franco, K., Holmgren, M., Anjos, M., Sleen, P. van der, Silva, V., Vries, W. de, Consortium, The AmazonFish, and Tedesco, P. "Deforestation in Amazonian floodplains impacts fruit-eating fish and forest-fish interactions." In Review.

Peer-reviewed publications (N=16 total, N=4 1st author)

- Echeverri, A., Batista, N., Wolny, S., **Herrera-R, G.A.**, Andrade-Rivas, F., Bailey, A., Cárdenas-Navarrete, A., Dávila Arenas, A., Díaz Salazar, A., Hernández, K., Langhans, K., Mateus Aguilar, B., Levey, D., Neill, A., Nguyen, O., Suarez-Castro, A., Zapata, F., and Ocampo-Peñuela, N. (In press). "Toward Sustainable Biocultural Ecotourism: An Integrated Spatial Analysis of Cultural and Biodiversity Richness in Colombia." In: *People and Nature*.
- Hernandez, K. V., Andrade-Rivas, F., Batista, N., Cárdenas-Navarrete, A., Dávila Arenas, A., **Herrera-R, G.A.**, Langhans, K. E., Levey, D., Neill, A., Nguyen, O., Norzin, T., Ocampo-Peñuela, N., Sánchez Lopez, S., Wolny, S., Zapata, F., and Echeverri, A. (In press). "Disparity in Publicized National and International Vulnerability Status for Colombian Artisan Craft Plant Species." In: *Ecosystem and People*.
- Shen, M. and al., et (In press). "FreshLanDiv: A global database of freshwater biodiversity across different land uses." In: *Global Ecology and Biogeography*.
- Couto, T. B. A., Jenkins, C. N., Beveridge, C. F., Heilpern, S. A., **Herrera-R, G.A.**, Piland, N. C., Leal, C. G., Zuanon, J., Doria, C. R. C., Montoya, M., Varese, M., Correa, S. B., Goulding, M., and Anderson, E. P. (2024). "Translating science into actions to conserve Amazonian freshwaters." In: *Conservation Science and Practice*, e13241. DOI: <https://doi.org/10.1111/csp2.13241>.
- Herrera-R, G.A.**, Heilpern, S., Couto, T. B. A., Victoria-Lacy, L., Duponchelle, F., Correa, S. B., Farah-Pérez, A., López-Casas, S., Cañas-Alva, C. M., Doria, C. R. C., and Anderson, E. P. (2024). "A synthesis of the diversity of freshwater fish migrations in the Amazon basin." In: *Fish and Fisheries* 25.1, pp. 114–133. DOI: <https://doi.org/10.1111/faf.12795>.
- Heilpern, S., **Herrera-R, G.A.**, Fiorella, K., Moya, L., Flecker, A., and McIntyre, P. B. (2023). "Functional diversity sustains multiple dietary nutrients supplied by freshwater fisheries." In: *Ecology Letters* 26.12, pp. 1887–1897. DOI: <https://doi.org/10.1111/ele.14299>.

- Herrera-R, G.A.**, Tedesco, P., DoNascimento, C., Jézéquel, C., and Giam, X. (2023). "Accessibility and appeal jointly bias the inventory of Neotropical freshwater fish fauna." In: *Biological Conservation* 284. DOI: <https://doi.org/10.1016/j.biocon.2023.110186>.
- Brosse, S., Charpin, N., Su, G., Toussaint, A., **Herrera-R, G.A.**, Tedesco, P. A., and Villéger, S. (2021). "FISHMORPH: A global database on morphological traits of freshwater fishes." In: *Global Ecology and Biogeography* 30.12, pp. 2330–2336. DOI: <https://doi.org/10.1111/geb.13395>.
- Duponchelle, F., Isaac, V. J., Rodrigues Da Costa Doria, C., Van Damme, P. A., **Herrera-R, G.A.**, Anderson, E. P., Cruz, R. E. A., Hauser, M., Hermann, T. W., Agudelo, E., et al. (2021). "Conservation of migratory fishes in the Amazon basin." In: *Aquatic Conservation: Marine and Freshwater Ecosystems* 31.5, pp. 1087–1105. DOI: <https://doi.org/10.1002/aqc.3550>.
- Gibson, N., Green, E., **Herrera-R, G.A.**, Love, S., Turner, S., Weatherton, M., Faidiga, A., Luo, A., Ngoh, M., Shershen, E., et al. (2021). "Toward an ecology of disasters: a primer for the pursuit of ecological research on disasters." In: *Ecology and Society* 26.4. DOI: <https://doi.org/10.5751/ES-12707-260422>.
- Herrera-R, G.A.**, Oberdorff, T., Anderson, E. P., Brosse, S., Carvajal-Vallejos, F. M., Frederico, R. G., Hidalgo, M., Jézéquel, C., Maldonado, M., Maldonado-Ocampo, J. A., et al. (2020). "The combined effects of climate change and river fragmentation on the distribution of Andean Amazon fishes." In: *Global Change Biology* 26.10, pp. 5509–5523. DOI: <https://doi.org/10.1111/gcb.15285>.
- Encalada, A. C., Flecker, A. S., Poff, N. L., Suárez, E., **Herrera-R, G.A.**, Ríos-Touma, B., Jumani, S., Larson, E. I., and Anderson, E. P. (2019). "A global perspective on tropical montane rivers." In: *Science* 365.6458, pp. 1124–1129. DOI: <https://doi.org/10.1126/science.aax1682>.
- Angarita, H., Wickel, A. J., Sieber, J., Chavarro, J., Maldonado-Ocampo, J. A., **Herrera-R, G.A.**, Delgado, J., and Purkey, D. (2018). "Basin-scale impacts of hydropower development on the Mompós Depression wetlands, Colombia." In: *Hydrology and Earth System Sciences* 22.5, p. 2839. DOI: <https://doi.org/10.5194/hess-22-2839-2018>.
- Urbano-Bonilla, A., Ballen, G. A., **Herrera-R, G.A.**, Zamudio, J., Herrera-Collazos, E. E., DoNascimento, C., Prada-Pedrerros, S., and Maldonado-Ocampo, J. A. (2018). "Fishes of the Cusiana River (Meta River basin, Colombia), with an identification key to its species." In: *ZooKeys* 733, p. 65. DOI: <https://doi.org/10.3897/zookeys.733.20159>.
- DoNascimento, C., Herrera-Collazos, E. E., **Herrera-R, G.A.**, Ortega-Lara, A., Villa-Navarro, F. A., Oviedo, J. S. U., and Maldonado-Ocampo, J. A. (2017). "Checklist of the freshwater fishes of Colombia: a Darwin Core alternative to the updating problem." In: *ZooKeys* 708, p. 25. DOI: <https://doi.org/10.3897/zookeys.708.13897>.
- Herrera-R, G.A.**, Murcia-Castillo, M. A., and Prada-Pedrerros, S. (2016). "First record of *Amatitlania nigrofasciata* (Günther, 1867)(Cichliformes: Cichlidae) as introduced species in natural freshwaters of Colombia." In: *Check List* 12.4, p. 1932. DOI: <https://doi.org/10.15560/12.4.1932>.

Other publications

- Álvarez Hincapié, C.F., Maldonado-Ocampo, J., Sanjuan, T., Álvarez-Dávila, E., Ajiaco, R.E., Buitrago, L., González, M.A., **Herrera-R, G.A.**, Ortiz Gallego, R., Plata, C., Polanco, A., Rosselli, L., Uribe, U., Alterio, H., Barrero, E.Y., and Laverde-R, O. (2021). *Estado de la biodiversidad en Colombia*. Bogotá, D. C., Colombia, pp. 100–369.
- Angarita, H., Santos-Fleishman, A., Rogeliz, C., Campo, F., Narvaez-Campo, G., Delgado, J., Santos, T., Santos, A.C., **Herrera-R, G.A.**, and Jiménez-Segura, L.F. (2020). *Modificación del Hábitat para los Peces de la Cuenca del Río Magdalena*, p. 434.
- García-Alzate, C., Do Nascimento, C., Villa-Navarro, F.A., García-Melo, J.E., and **Herrera-R, G.A.** (2020). *Diversidad de Peces de la Cuenca del Río Magdalena, Colombia*, p. 434.
- Herrera-R, G.A.**, López-Casas, S., and Maldonado-Ocampo, J.A. (2018). *Análisis de Vulnerabilidad de Especies de Peces por Pérdida de Área de Distribución Debido al Cambio Climático en la Macrocuenca Magdalena-Cauca*, p. 434.

Student mentoring

- **Pablo Fernandez Cardona** Jan 2025–
Undergraduate Student — Biology, Pontificia Universidad Javeriana Primary Advisor
Project: Composition and Structure of Fish Communities Between Irrigation Canals and Natural Streams in Oil Palm Plantations in Cumaral, Meta
- **Keisha Hunsucker** Jan–Dec 2023
Undergraduate Student — Ecology & Evolutionary Biology, University of Tennessee Secondary Advisor
Chancellor's Honors Program Project: Effect of Environmental Change on the Trait Composition of Fish Communities in the Tennessee River Basin Over the Past 20 Years
- **Jacob Woodlief** Jan–Dec 2022
Undergraduate Research Assistant — Ecology & Evolutionary Biology, University of Tennessee Supervisor
- **Emily Brock** Jan–May 2022
Undergraduate Research Assistant — Ecology & Evolutionary Biology, University of Tennessee Supervisor
- **INSTARS Program** May 2019 & 202
Society for Freshwater Science Mentor
- **Speed Mentoring** Dec 2022
NSF EMERGE Program — Society for Freshwater Science Mentor

Teaching experience

- **Graduate Teaching Assistant** Jan 2020 -
EEB 471 (2), BIOL 102 (1), 150 (1) and 159 (1) The University of Tennessee
- **Undergraduate Teaching Assistant** Jan - July 2015
Vertebrate Zoology Course, Professor: Dr. Saúl Prada-Pedrerros Pontifical Xavierian University
Preparation of lab classes, fieldwork planning and student evaluation
- **Tutor** July 2014 - July 2015
Writing Center, Professor: Blanca González Pontifical Xavierian University
Supervising writing process of students in diverse topics (Economy, Engineering, Law, ect.)
- **Undergraduate Teaching Assistant** July - Dec 2014
Invertebrate Zoology Course, Professor: Dr. Dimitri Forero Pontifical Xavierian University
Preparation of lab classes and student evaluation.

Coursework

- **The University of Tennessee:** CORE: Evolution [EEB 511. 3 CTS], CORE: Ecology [EEB 509. 3 CTS], Phylogenetic methods [EEB 587, 3 CTS], Advanced Topics: Meta-Analysis for Ecology and Evolution [EEB 681, 3 CTS], Advanced Mathematical Ecology I [EEB 681, 3 CTS].
- **University of Toulouse III:** Data analysis in ecology [AnEco, 3 ECTS], Temporal analysis for ecology [ATÉ, 3 ECTS], Detection and characterization of Ecological Patterns [DeCaPE, 3 ECTS], Modeling and In-Depth Numerical Analysis [MANA, 3 ECTS], Informatic tools for science [OtIS, 3 ECTS], Dynamical Systems in Ecology [SysDynE, 3 ECTS].
- **Developing essential grant and funding skills for conservation** 2017
International Congress for Conservation Biology Cartagena, Colombia
- **Applied statistics and graphics with R (Rwizard)** 2015
Pontifical Xavierian University Bogotá, Colombia

- **Fundamentals in species distribution modeling and analysis**
 - *Partners for the Conservation of the Colombian Amazon*
 - **Factors affecting aquatic communities in the Orinoco**
 - *Colombian Ichthyology Association*

2014
Bogotá, Colombia

2013
Bogotá, Colombia

Skills

- **Computer Programming:** R (Proficient), Scilab/Matlab, Python (Basics), L^AT_EX(Proficient).
- **GIS Software:** ArcGIS (Proficient), QGIS (Proficient), GRASS (Proficient).
- **Statistics:** Multivariate analyses, Species Distribution Models, Machine Learning, Mixed Models, Hypothesis testing.
- **Languages:** English (TOEFL IBT: 102), Spanish (Native), French (Fluent).
- **Diving:** SCUBA Open Water Diver.
- **Field work:** Fishes and water quality sampling in tropical streams in Colombia (Bogotá river and Piedmont Orinoco) and Puerto Rico (El Yunque National Forest and Rio Piedras river)

Service and other appointments

- 2024 - Graduate Student Representative:** *Diversity Committee. The University of Tennessee. Department of Ecology and Evolutionary Biology.*
- 2024 - Member:** *Council of Underrepresented Voices. Society for Freshwater Science.*
- 2023 - Collaborator:** *Harnessing AI for Strategic Hydropower Planning in the Magdalena Basin. Cornell University. PI: Alexander Flecker & Carla Gomes.*
- 2022 - 2024. Collaborator:** *Assessing biocultural values for sustainable tourism planning in Colombia. Natural Capital Project - Stanford University / University of California - Berkeley. PI: Alejandra Echeverri.*
- 2020 - 2022. Member:** *Science Group - Citizen Science for the Amazon - WCS.*
- 2020. Participant:** *Working Group on Andes-to-Amazon Conservation Targets. Florida International University and WCS. Organizer: Elizabeth Anderson*
- 2019 - 2020. Author:** *IPBES National Biodiversity and Ecosystem Services of Colombia.*
- 2018 - 2019. Participant:** *Living Andean Rivers Workshop. Florida International University and Universidad San Francisco de Quito. Organizer: Elizabeth Anderson*

Peer-review

- 2020 - Journal reviewer:** *Revista de Ecología Aplicada (1), Science of the Total Environment (2), Fisheries Research (1), Hydrobiologia (1), Ecology and Evolution (1), Biotropica (1).*
- 2020 - Program reviewer:** *NSF - EMERGE Fellowship (1).*

Invited presentations

- 2024** *Populations, Functional Groups, and Migrations in Freshwater Fishes.* Ichthyology [Class]. National University of Colombia. Online.
- 2023** *A short introduction to meta-analyses in Ecology.* Applied Community Ecology [Class]. West Virginia University. November 8th. Online.
- 2023** *Unmasking functional syndromes on tropical freshwater fishes under land-use and land-cover changes.* Special talk. Freshwater Under 2023. Brisbane, Australia.
- 2023** *Freshwater biodiversity responses to environmental change.* Seminar. March 16. Biology and Environmental Studies Departmental Seminar. University of North Carolina. Asheville, North Carolina.

Conference presentations (Only 1st Author)

- 2024** *Unmasking taxonomic and functional responses of tropical fish communities under land-use and land-cover changes*. Oral presentation. Ecological Society of America (ESA) Meeting. Long Beach, CA
- 2023** *Unmasking functional syndromes on tropical freshwater fishes under land-use and land-cover changes*. Poster. December 2023. AGU Fall Meeting. San Francisco, CA.
- 2023** *Building a pantropical database of freshwater fish communities: Building trust and partnership among underrepresented scholars*. Oral presentation (Online). Ecological Society of America (ESA) Meeting. Portland, OR.
- 2022** *The diversity of migratory behaviors in the Amazon basin: a literature synthesis*. Oral presentation. July 10-14. 58th Annual Meeting of the Association for Tropical Biology and Conservation. Cartagena, Colombia.
- 2022** *Functional traits regulate the temporal stability of freshwater fishes across organizational scales*. Oral presentation. May 14-20. Joint Aquatic Science Meeting. Grand Rapids, Michigan.
- 2019** *Evaluación de riesgo de extinción de la ictiofauna de la macrocuenca Magdalena-Cauca en un contexto de cambio climático*. Oral presentation. July 17-19. XV Colombian Ichthyology Congress. Medellín, Colombia.
- 2019**. *Is freshwater migration a mechanism to avoid energetic limitation in Amazonian fishes?*. Oral presentation. May 19-23. Society for Freshwater Science. Salt Lake City, Utah.
- 2019**. *Revealing fish endemism patterns in the Andean Orinoco region in Colombian*. Poster. 5-9 August. IBS Humboldt-Meeting. Quito, Ecuador.
- 2018**. *Freshwater fishes' vulnerability to climate change and fragmentation by dams in the Andean Amazon*. Oral presentation. July 23-26. AQUATROP Congress. Quito, Ecuador.
- 2017**. *Freshwater fishes' vulnerability to climate change and fragmentation by dams in the Andean Amazon*. Oral presentation. August 14-20. XIV Colombian Ichthyology Congress. Cali, Colombia.
- 2016**. *Fish endemism patterns in Colombian Andean Orinoco region from species distribution models: Implications for their conservation*. Poster. May 21-16. Society for Freshwater Science Meeting 2016. Sacramento, California, United States.
- 2016**. *Factors regulating the distribution and abundance of *Sicydium* (Gobiidae: Perciformes) in headwater streams within El Yunque National Forest, Puerto Rico*. Oral presentation. May 21-16. Society for Freshwater Science Meeting 2016. Sacramento, California, United States.

Outreach

- 2020**. Blog post. "Por los ríos de la Amazonia". Ciencia Ciudadana para la Amazonia.
- 2018**. Infograph. "Peces de agua dulce: El conocimiento progresivo del patrimonio íctico de Colombia". Reporte Biodiversidad 2017.
- 2017**. Reportage. "Luchar a contracorriente para salvar a la guapucha". Revista Pesquisa, No. 35, Marzo-Mayo. 2016.

Research grants

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| W. K. McClure Scholarship (\$5000) | 2024 |
| ○ Center for Global Engagement - The University of Tennessee | |
| Breedlove, Dennis Award (\$1500) | 2024 |
| ○ Department of Ecology and Evolutionary Biology and the Herbarium - The University of Tennessee | |
| Graduate Student Conservation Research Award (\$1000) | 2024 |
| ○ Conservation and Environmental Issues Committee - Society for Freshwater Science | |
| Graduate Student Research Award (\$4164) | 2024 |
| ○ Graduate School - The University of Tennessee | |

<ul style="list-style-type: none"> Global Catalyst Student International Travel Award (\$850) Center for Global Engagement - The University of Tennessee 	2023
<ul style="list-style-type: none"> General Endowment Graduate Student Award (\$1000) Society for Freshwater Science 	2023
<ul style="list-style-type: none"> Simpson Endowment Award (\$1000) Society of Freshwater Science 	2022
<ul style="list-style-type: none"> Graduate Research Award (\$900 & \$1800) Department of Ecology and Evolutionary Biology - The University of Tennessee 	2022, 2021
<ul style="list-style-type: none"> Ph.D. Fellowship for doctorates abroad (~ \$66433) Ministry of Science, Technology and Innovation from Colombia 	2020-2024

Honors and awards

<ul style="list-style-type: none"> Best Progress Towards Dissertation Department of Ecology & Evolutionary Biology (EEB) - The University of Tennessee 	2024
<ul style="list-style-type: none"> Open Science Section Presentation Award (\$300 & \$500) Open Science Section - Ecological Society of America (ESA) 	2024, 2023
<ul style="list-style-type: none"> Travel Award (\$800 & \$540) Graduate Student Senate - The University of Tennessee 	2023, 2022
<ul style="list-style-type: none"> Oscar Roy Ashley Graduate Fellowship (\$4000) Graduate School - The University of Tennessee 	2023-24
<ul style="list-style-type: none"> NSF EMERGE Fellowship Society for Freshwater Science 	2023-24, 2021-22
<ul style="list-style-type: none"> Best Graduate Student Oral Presentation - Applied Sciences category (\$400) Society of Freshwater Science - Joint Aquatic Science Meeting (JASM), Grand Rapids - Michigan 	2022
<ul style="list-style-type: none"> Beagle Memorial Fund Award (\$500) Department of Ecology and Evolutionary Biology - The University of Tennessee 	2021
<ul style="list-style-type: none"> Beca TNC: Investigación en sistemas andinos de agua dulce (\$500) Humboldt Meeting 2019 	2019
<ul style="list-style-type: none"> Travel Award (\$350) WaterHackWeek Workshop 2019 - University of Washington 	2019
<ul style="list-style-type: none"> Training Award - Pre-congress course Freshwater Working Group – Society for Conservation Biology Meeting 2017 	2017
<ul style="list-style-type: none"> Travel Award (\$600) INSTARS Mentoring Program – Society for Freshwater Science Meeting 2016 	2016
<ul style="list-style-type: none"> Research Experience for Undergraduates (REU) (\$5500) University of Puerto Rico - Program Tropical Ecology & Evolution 	2015
<ul style="list-style-type: none"> Sponsored Membership International Biogeography Society 	2016
<ul style="list-style-type: none"> Andres Bello Award Ministry of Education from Colombia Exceptional-grade at the national level in the ICFES* Biology section 	2010
<ul style="list-style-type: none"> Best ICFES* score Colegio Gimnasio Mompiano 	2010

*Standardized Test for high school students as requirement for admission to universities in Colombia.