

G. THOMAS LAVANCHY
Curriculum Vitae

DEPARTMENT OF GEOGRAPHY • OKLAHOMA STATE UNIVERSITY
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EDUCATION

University of Denver, Department of Geography & the Environment, Denver, CO
Doctor of Philosophy (2015)
DISSERTATION: *When Wells Run Dry: Water and Tourism along the Western Coast of Nicaragua*

University of Chicago, Master of Arts Program in the Social Sciences (MAPSS), Chicago, IL
Master of Arts (2010)
THESIS: *The Changing Landscape of Urban Dakar: Geographies of Senegal*

Wheaton College, Wheaton, IL
Bachelor of Arts (1998)
Double major: Geology, Education

Research specializations & interests: Human-Environment Interactions, Sustainability, GIS, Hydrogeology, Water Security & Justice, Climate Change, South Africa, West African Sahel

ACADEMIC APPOINTMENTS

Assistant Professor (tenure-track); Department of Geography, Oklahoma State University, Stillwater, OK (2019-present)

Affiliate Faculty; School of Global Studies, Oklahoma State University (2020-present)

Adjunct Assistant Professor; Department of Geography & the Environment, University of Denver, Denver, CO (2018-present)

Visiting Teaching Assistant Professor; Department of Geography & the Environment, University of Denver, Denver, CO (2016-2018)

Visiting Assistant Professor; Department of Geography, Gustavus Adolphus College, Saint Peter, MN (2015-2016)

STAR Fellow; U.S. Environmental Protection Agency Fellowship Program, Department of Geography & the Environment, University of Denver (2012-2015)

Instructor; Department of Geography & the Environment, University of Denver, Denver, CO (2013-2015)

University Fellow; Department of Geography & the Environment, University of Denver, Denver, CO (2013-2014)

Courses Taught

- 2019-present **Department of Geography, Oklahoma State University**
HONR 1000: The Secret Life & Turbulent Future of Water (Honors)
GEOG/GLST 2002: Global Sustainability
GEOG/GLST 3743: Geography of Latin America
GEOG/GLST 3910: Water Resources & Sustainability
GLST 4513: Global Studies Senior Capstone
- 2016-2019 **Department of Geography & the Environment, University of Denver**
(quarter system format)
GEOG 1216: Our Dynamic Earth: Weather & Atmosphere
GEOG 1217: Our Dynamic Earth: Geosphere
GEOG 1218: Our Dynamic Earth: Biosphere
GEOG 1265: Global Environmental Change (Honors)
GEOG 1410: People, Places, and Landscapes: An introduction to human geography
HNRS 2400: Diamonds, Gold & War: Then and now in South Africa (Honors)
GEOG 2500: Sustainability & Human Society
GEOG 2550: Issues in Sustainability: Environmental Justice (capstone)
GEOG 2550: Issues in Sustainability: Water Security (capstone)
GEOG 2810/4810: Geography of Latin America
GEOG 3870: Water Resources & Sustainability
GEOG 2880/4880: Geographies of South Africa (travel course)
GEOG 3930: Development Dilemmas: Nicaragua (travel course)
- 2015-2016 **Department of Geography, Gustavus Adolphus College**
GEG 105: Introduction to Physical Geography
GEG 108: Weather, Climate & Society
GEG 243: Hydrology & Water Resources
GEG 250: Nature & Society
- 2013-2015 **Department of Geography & the Environment, University of Denver**
GEOG 1202: Environmental Systems: Hydrology
GEOG 2500: Sustainability & Human Society
GEOG 2880/4880: Geographies of South Africa (travel course)

REFERREED PUBLICATIONS

* indicates mentored graduate student co-author

^ indicates mentored undergraduate student co-author

BOOK

- 2020 **LaVanchy, GT**, MJ Taylor, N Alvarado, A Sveinsdóttir, and M Aguilar-Støen. *Tourism in Post-Revolutionary Nicaragua: Struggles over Land, Water, and Fish*. Cham, Switzerland: Springer.

REFEREED JOURNAL ARTICLES & BOOK CHAPTERS

- 2021 **LaVanchy, GT**, MW Kerwin, GJ Kerwin, and M McCarroll*. The optics of 'Day Zero' and the role of the state in water security for a township in Cape Town (South Africa). *Water International*. doi:10.1080/02508060.2021.1946763
- 2021 Adamson, JK, **GT LaVanchy**, B Stone, JA Clark, SJ Dykstra, and MJ Taylor. Geological and hydrogeological assessment of the Brito Formation: Municipio de Tola, Nicaragua. *Hydrogeology Journal*. doi:10.1007/s10040-021-02360-w

- 2021 Romano, ST, J Nelson-Nuñez, and **GT LaVanchy**. Rural Water Provision at the State-Society Interface in Latin America. *Water International*. doi:10.1080/02508060.2021.1928973
- 2021 Romano, ST and **GT LaVanchy**. From Water Insecurity to Water Injustice: How Tourism Produces Environmental Injustice along Nicaragua's 'Emerald Coast'. In M. Laituri, S. Ryder, and K. Powlen (Eds.), *EJ in the Anthropocene: From (Un)Just Presents to Just Futures* (pp. 76-89). New York, NY: Routledge.
- 2020 **LaVanchy, GT**, JK Adamson, and MW Kerwin. Integrating groundwater for water security in Cape Town, South Africa. In A. Mukherjee, B. Scanlon, A. Aureli, S. Langan, H. Guo, and A. McKenzie (Eds.), *Global Groundwater: Source, Scarcity, Sustainability, Security and Solutions* (pp. 439-449). Amsterdam, Netherlands: Elsevier. doi:10.1016/B978-0-12-818172-0.00032-3
- 2020 Zhou, Y, H Gholizadeh, **GT LaVanchy**, and E Hasan. Inspecting the food-water nexus in the Ogallala Aquifer Region using satellite remote sensing time series. *Remote Sensing*, 12, 2257. doi:10.3390/rs12142257
- 2020 Zekouda, N, M Meddi, **GT LaVanchy**, and M Remaoun. The impact of human activities on flood trends in the semi-arid climate of Cheliff basin, Algeria. *Water Resources*, 47(3), 409-420. doi:10.1134/S0097807820030136
- 2019 **LaVanchy, GT**, MW Kerwin, and JK Adamson. Beyond 'Day Zero': insights and lessons from Cape Town (South Africa). *Hydrogeology Journal*, 27(5), 1537-1540. doi:10.1007/s10040-019-01979-0
- 2017 **LaVanchy, GT**, ST Romano, and MJ Taylor. Challenges to water security along the "Emerald Coast": A political ecology of local water governance in Nicaragua. *Water*, 9, 655. doi:10.3390/w9090655
- 2017 **LaVanchy, GT**. When wells run dry: water and tourism in Nicaragua. *Annals of Tourism Research*, 64, 37-50. doi:10.1016/j.annals.2017.02.006
- 2016 **LaVanchy, GT**. Geoscience at the confluence of human-environment interaction in Dakar, Senegal. In G. Wessel and J. Greenberg (Eds.), *Geology for the Public Good and Global Development: Toward a Sustainable Future* (pp. 287-294). Geological Society of America Special Paper 520. doi:10.1130/2016.2520(25)
- 2015 **LaVanchy, GT**, and MJ Taylor. Tourism as Tragedy? Common problems with water in post-revolutionary Nicaragua. *International Journal of Water Resources Development*, 31(4), 765-779. doi:10.1080/07900627.2014.985819

BOOK REVIEWS

- 2020 **LaVanchy, GT**. Review of Ginio, R. *The French army and its African soldiers: the years of decolonization*. Lincoln, NE: University of Nebraska Press. *The Social Science Journal*, 57(4). doi:10.1080/03623319.2020.1798125

MANUSCRIPTS UNDER REVIEW OR IN REVISION

- Nyantakyi-Frimpong, H, **GT LaVanchy**, and M Kelly. "An integrated assessment of vulnerability to dry spells and agricultural water management practices in northern Ghana." Under review with *Journal of Applied Geography*.

Adamson, JK, WJ Miner, P-Y Rochat, E Moliere, M Piasecki, **GT LaVanchy**, S Perez-Monforte, and M Rodriguez-Vera. “Significance of river infiltration to the Port-au-Prince metropolitan region: a case study of two alluvial aquifers in Haiti.” Under review with *Hydrogeology Journal*.

WORKS IN PROGRESS

Adamson, JK, **GT LaVanchy**, and S Dykstra. “Hydrologically informed tourism development in Haiti: Understanding the Bwa Dom aquifer.” In advanced preparation for *Water Resources Research*.

Klygis, K[^], **GT LaVanchy**, MW Kerwin, and M McCarroll[^], and Kailey O’Connor[^]. “Geographies of Day Zero: disparities in water security in Langa township, Cape Town (South Africa).” In preparation for *Journal of Applied Geography*.

Adamson, JK and **GT LaVanchy**. Advancements in Hydrogeological Knowledge in Post-Earthquake Haiti. In advanced preparation for *Hydrogeology Journal*.

LaVanchy, GT, JK Adamson, ST Romano, and MJ Taylor. “Opportunities for critical physical geography in hydrological studies.” In preparation for *Geoforum*.

FELLOWSHIPS and GRANTS

- 2019 **Faculty Travel Grant** – travel support from Oklahoma State University College of Arts and Sciences to enhance the creative scholarly activity of faculty. Award amount: \$1,140
- 2018 **Faculty Internationalization Grant** – travel support from the University of Denver for CLAG conference in San José, Costa Rica. Award amount: \$800
- 2017 **Community-Engaged Learning Mini-Grant** – support from the University of Denver for service learning project in South Africa. Award amount: \$1,000
- 2016 **Community-Engaged Learning Mini-Grant** – support from the University of Denver for service learning project in South Africa. Award amount: \$650
- 2012-15 **EPA Science to Achieve Results (STAR) Fellowship** – doctoral fellowship granted by the U.S. Environmental Protection Agency. Award amount: \$126,000
- 2015 **Student imagery grant** – DigitalGlobe Foundation Award for satellite imagery
- 2014 **Graduate Student Research Grant** – research grant offered by the Geological Society of America (GSA). Award amount: \$1,500
- 2014 **Dissertation Research Grant** – research grant offered by the Association of American Geographers (AAG). Award amount: \$500
- 2014 **Goetz Instrument Support Program Award** – HandHeld 2 portable spectroradiometer from PANalytical Boulder for *Using spectroscopy to assist in the estimation of groundwater recharge*
- 2013 **Student imagery grant** – DigitalGlobe Foundation Award for satellite imagery
- 2013 **Bernard Nietschmann Award** – doctoral field research grant from the Conference of Latin Americanist Geographers (CLAG). Award amount: \$1,500
- 2013 **Graduate Student Professional Development Grant** – support from the University of Denver to attend the Association of American Geographers (AAG) annual meeting in Los Angeles, CA, USA. Award amount: \$155

- 2013 **Graduate Studies Dissertation Fellowship** – doctoral fellowship granted by the University of Denver to outstanding graduate students. Award amount: \$2,500
- 2013 **Graduate Student Affinity Group Research Award** – research funding offered by the Association of American Geographers (AAG) Graduate Student Affinity Group. Award amount: \$500
- 2013 **ASPRS-RMR Academic Scholarship** – 2nd place award from the American Society for Photogrammetry and Remote Sensing for *On the Ground in Nicaragua: Field Referencing to Assist in Estimating Groundwater Recharge*. Award amount: \$750
- 2012 **GSA Rocky Mountain Section Student Travel Grant** – travel support for Geological Society of America (GSA) annual meeting in Charlotte, NC, USA. Award amount: \$250
- 2012 **Laurance C. Herold Memorial Field Research Grant** – doctoral research grant offered by Department of Geography & the Environment, University of Denver. Award amount: \$750
- 2012 **Graduate Student Professional Development Grant** – support from the University of Denver to attend the annual Conference of Latin Americanist Geographers (CLAG) meeting in Mérida, Yucatan, México. Award amount: \$400
- 2012 **Gary Gaile Travel Award** – field research travel grant awarded by the Development Geographies Specialty Group of the Association of American Geographers (AAG). Award amount: \$200
- 2012 **PhD Field Study Award** – doctoral field research travel grant awarded by the Latin American Specialty Group of the Association of American Geographers (AAG). Award amount: \$600

HONORS and AWARDS

- 2021 **Outstanding Faculty Mentor Award nomination** – College of Arts and Sciences Student Council, Oklahoma State University.
- 2020 **Distinguished Teaching Award nomination** – College of Arts and Sciences Student Council, Oklahoma State University.
- 2020 **Editors' Choice 2019** – top five exceptional articles in *Hydrogeology Journal*. LaVanchy, GT, MW Kerwin, and JK Adamson. (2019). Beyond 'Day Zero': insights and lessons from Cape Town (South Africa). *Hydrogeology Journal*, 27(5), 1537-1540.
- 2015 **Dr. Robert D. Rudd Memorial Award** – recognition of outstanding graduate scholarship and research from the Department of Geography & the Environment, University of Denver
- 2015 **Water Resources Specialty Group Paper Competition Award** – outstanding paper by a graduate student from the Water Resources Specialty Group of the AAG for the paper *Tourism as Tragedy? Common problems with water in post-revolutionary Nicaragua*. Award amount: \$200
- 2013 **Graduate Student Research Award** – recognition of outstanding research achievement within the Division of Natural Sciences & Mathematics at the University of Denver
- 2012 **Outstanding Teaching Assistant of the Year** – recognition from faculty and students of the Department of Geography & the Environment, University of Denver

- 2011 **Geology & Society Division Best Student Paper Award** – for the paper *Geoscience and the confluence of human-environmental interaction in peri-urban Dakar* presented at the annual meeting of the Geological Society of America (GSA), Minneapolis, MN.
Award amount: \$200

FIELD and RESEARCH EXPERIENCE

Principal Investigator; Cape Town, South Africa

Geographies of Day Zero: water security in Cape Town, South Africa. (coPI: Michael W. Kerwin, University of Denver). Mixed-methods research on various dimensions of water security. (active since June 2018)

Primary Researcher; northern Ghana

Accelerating Climate Change Resilience in Africa - Ghana. (PI: Hanson Nyantakyi-Frimpong, University of Denver). Spatial and hydrological research to support understandings of food security. (active since June 2018)

Principal Investigator; Playa Gigante, Nicaragua

When wells run dry: water and tourism along the western coast of Nicaragua. Climate and groundwater monitoring network, GPS and GIS mapping of community wells, and in-depth qualitative research to analyze water security. (active since June 2012)

Independent Groundwater Consulting; Southern Malawi

Groundwater reconnaissance to problem-solve hydrogeology for community water development. (March 2019)

Field Course Instructor; South Africa

Developed and led undergraduate & graduate travel course on *human-environment interactions across South Africa* for University of Denver. (eight offerings since 2015)

Field Course Instructor; Nicaragua

Co-led undergraduate travel course on *Development Dilemmas along the western coast of Nicaragua* for University of Denver. (December 2011, June 2012, March 2017)

Development Practitioner; Kei, Uganda, West Nile Region

Organized and facilitated micro-enterprise workshop. (June 2013)

Development Practitioner; Mbour, Senegal

GPS surveyed and GIS mapped a 100ha Sahel forest for development and carbon sequestration potential. (July – August 2011)

Development Practitioner; Kei, Uganda (West Nile Region)

Organized and facilitated workshop for mango preservation. (June 2011)

Research Assistant; Sierra de los Cuchumatanes, Guatemala

Collaborative Research: Developing Multi-century Drought Reconstruction from Guatemala and the Context for Past and Future Hydroclimatic Change. (coPIs: Kevin Anchukaitis, Columbia University; Matthew Taylor, University of Denver). Dendrochronology fieldwork. (December 2010)

Primary Researcher; Dakar, Senegal

The Changing Landscape of Urban Dakar: Geographies of Senegal. (PI: Michael P. Conzen, University of Chicago). Semi-structured interviews and field collected and georeferenced GPS coordinates to document coastal erosion. (May 2010)

Development Practitioner; Dakar, Senegal

Designed and installed a 13,000L capacity rainwater harvesting system. (June – July 2009)

LAB & FIELD SKILLS

- Hydrological field measurements
- Geological mapping
- Qualitative interviewing and surveys
- ArcView GIS
- ENVI
- Trimble GPS
- Aquifer Modeling

SERVICE, ACTIVITIES & PROFESSIONAL AFFILIATIONS

2018 <i>to present</i>	Associate Editor for <i>Hydrogeology Journal</i>
2011 <i>to present</i>	Board of Directors member for <i>The Mango Project</i> ; micro-development project in northern Uganda. www.themangoproject.com
2021	Co-editor for Special Issue on “Land and Water” for the journal LAND
2020 – 2021	Co-organizer for Topical Collection on "Advancements in Hydrogeological Knowledge in Post-Earthquake Haiti" for <i>Hydrogeology Journal</i>
2018 – 2021	Water Resources Specialty Group Officer (secretary/treasurer); American Association of Geographers
April 2021	Co-chair for “What we know and the optics of what we know about water sustainability and security” paper session at American Association of Geographers (AAG) Annual Meeting, Seattle, WA
April 2020	Co-chair for “Understanding Water Literacy in the Anthropocene” paper session at American Association of Geographers (AAG) Annual Meeting, Denver, CO
July 2018	Co-convener of inaugural <i>Knapp Ranch Sustainability Workshop</i> ; gathering of academics and local practitioners to discuss water-related sustainability in the Mountain West, Edwards, CO
2016 – 2018	Faculty mentor for <i>NSMentoring: Face to Face</i> . Support of first year STEM students from traditionally underrepresented groups at University of Denver
2012 – 2016	Advisory Council member to the Geology & Environmental Science Department of Wheaton College (IL)
February 2016 November 2015	Faculty interviewer of high school candidates for Gustavus Adolphus College Presidential Scholarship
April 2014	Co-chair for “Use of Geospatial Techniques and Technology in Water Resource Research” paper session at Association of American Geographers (AAG) Annual Meeting, Tampa, FL

- 2000 – 2014 Service learning trip development and implementation for Wheaton College: Coordinated undergraduate global service-learning trips; including budget management (up to \$160,000), travel logistics, and pre-trip culture & travel preparation to Venezuela, Honduras, Romania, Senegal, Mauritania, Guinea, Botswana, South Africa, Dominican Republic, Haiti, Macedonia, Brazil, Paraguay, and Ethiopia
- October 2013 Co-chair for “Geosciences and International Development” paper session at Geological Society of America (GSA) Annual Meeting, Denver, CO
- 2002 & 2010 Academic advising and mentoring for students participating in the Human Needs and Global Resources (HNGR) program of Wheaton College. Program includes a six-month field internship in Africa, Asia, or Latin America to confront the challenges of ecological disasters, underdevelopment, poverty, hunger, conflict, injustice, and overwhelming health concerns. Internships include a service learning component, cross-cultural experience, and independent study project

AD-HOC REVIEWER (2014-DATE)

JOURNALS: AGRICULTURAL WATER MANAGEMENT; ANNALS OF THE AMERICAN ASSOCIATION OF GEOGRAPHERS; ANNALS OF TOURISM RESEARCH; GEOFORUM (2); JOURNAL OF POLITICAL ECOLOGY; LATIN AMERICANIST GEOGRAPHERS (2); SUSTAINABILITY; WATER (6); WIRES WATER

BOOKS: SPRINGER (2017, 2019)

GRANT PROPOSALS: AUSTRIAN PARTNERSHIP PROGRAMME

OTHER: EXPERT REVIEWER FOR THE FIRST ORDER DRAFT OF THE WORKING GROUP II CONTRIBUTION TO THE IPCC SIXTH ASSESSMENT REPORT

STUDENT RESEARCH & COMMITTEES

PHD

- BRICE ZOUNGRANA (ADVISOR) – In progress
Farmer Managed Natural Regeneration (FMNR) impact on soil moisture in Burkina Faso
- MEGHAN MCCARROLL (COMMITTEE MEMBER & RESEARCH ADVISOR) – In progress
Water Literacy in Drought-Prone Regions: A Comparison of Case Studies from Aurora, Colorado, USA and Cape Town, South Africa (University of Denver)
- CLAYTON LUCAS (COMMITTEE MEMBER) – In progress
- KALEEN BARNETT (COMMITTEE MEMBER) – 2018 & 2019
Don't Let Their Future Blow Away: An Integrated Methodology to Inform School Leaders of the Dimensions and Determinants of School Vulnerability to Disaster Learning Loss (University of Denver)

MASTERS

STEPHANIE GRACE (ADVISOR) – In progress

EMMA RIDDLE (ADVISOR) – In progress

SENIOR HONORS THESIS

MCKENZIE CADY (SECOND READER) - 2020
A Comparison of the Complexities in Development Between Botswana and the Democratic Republic of Congo

UNDERGRADUATE RESEARCH MENTORING

CAITLIN BROOKS (GEOGRAPHY UNDERGRADUATE MENTORING PROGRAM) – 2021
Water reuse & security in Wichita Falls, TX

KAILEY O’CONNOR (FRESHMAN RESEARCH SCHOLAR PROGRAM) – 2020 & 2021
Water Insecurity in Cape Town, South Africa

MONIQUE WALKER (GEOGRAPHY UNDERGRADUATE MENTORING PROGRAM) – 2020
Gender, Education, & Development

KATE KLYGIS (INDEPENDENT STUDY; UNIVERSITY OF DENVER) – 2020
Water Insecurity in Cape Town, South Africa

INVITED LECTURES AND COLLOQUIA

September 2020 *Crafting Titles & Abstracts*

December 2019 GEOG 5001: Professional Development Seminar; Oklahoma State University

August 2019 *Why Fieldwork?*
GEOG 4313: Field & Data Techniques; Oklahoma State University

February 2019 *Water security in global urban settings*
GEOG 3870: Water Resources & Sustainability; University of Denver

April 2016 *Mixed-Methods Fieldwork on Water and Tourism in Southwest Nicaragua*
GEG 242: Research Methods; Gustavus Adolphus College, St. Peter, MN

November 2015 *When Wells Run Dry: Water & Tourism along the Western Coast of Nicaragua*
Department of Geography Colloquia Series, Minnesota State University

February 2015 *Tourism as tragedy? Common problems with water in post-Revolutionary Nicaragua*
GEOG 3870: Water Resources & Sustainability; University of Denver

October 2014 *Mixed-Methods Fieldwork on Water and Tourism in Southwest Nicaragua*
GEOG 3350: Qualitative Methods in Geography; University of Denver

February 2014 *Geographies of Water & Health*
Denver School of Nursing Global Perspectives Series, Denver, CO

October 2013 *Mixed-Methods Fieldwork on Water and Tourism in Southwest Nicaragua*
GEOG 3350: Qualitative Methods in Geography; University of Denver

SELECTED PROFESSIONAL PRESENTATIONS

- 2021 LaVanchy, GT. *The optics of 'Day Zero' and the role of the state in water security for a township in Cape Town (South Africa)*. Paper presented at the American Association of Geographers (AAG) 117th Annual Meeting (virtual).
- 2020 Walker, M and GT LaVanchy. *The value of education in developing countries*. Poster co-presented with undergraduate student at the Southwest Division of the American Association of Geographers Annual Meeting (virtual).
- 2019 LaVanchy, GT. *Informed tourism development in Haiti: understanding the Bwa Dom aquifer*. Paper presented at the International Association of Hydrogeologists (IAH) 46th Congress on Groundwater Management and Governance: Coping with Water Scarcity; Málaga, Spain
- 2018 LaVanchy, GT. *Hydrological Assessment of the Brito Formation, Nicaragua*. Paper presented at the Conference of Latin Americanist Geographers (CLAG) 35th Meeting, San José, Costa Rica
- 2018 Hamann, H, MW Kerwin, and GT LaVanchy. *Water Knows No Borders: Bringing International Water Resource Issues to the DU Classroom*. Invited Panel Discussant at the University of Denver 5th Annual Internationalization Summit, Denver, CO
- 2018 LaVanchy, GT. *Water and Climate Justice: In Pursuit of Equity*. Invited Panel Discussant at the American Association of Geographers (AAG) 114th Annual Meeting, New Orleans, LA
- 2017 Adamson, JK and GT LaVanchy. *Hydrological Assessment of the Brito Formation, Nicaragua*. Paper presented at the Geological Society of America (GSA) Annual Meeting, Seattle, WA
- 2017 LaVanchy, GT and ST Romano. *Environmental Injustice along the "Emerald Coast": The Production of Water Insecurity in the Context of Climate Change in Nicaragua*. Paper presented at the Environmental Justice in the Anthropocene Symposium, Ft. Collins, CO
- 2016 LaVanchy, GT. *Water security and voluntary environmental contributions in tourism in southwest Nicaragua*. Paper presented at Tourism Naturally Conference, Sardinia, Italy
- 2016 LaVanchy, GT. *Water security and voluntary environmental contributions in tourism in southwest Nicaragua*. Paper presented at the American Association of Geographers (AAG) 112th Annual Meeting, San Francisco, CA
- 2015 LaVanchy, GT. *A Political Ecology of Groundwater & Tourism in Playa Gigante, Nicaragua*. Paper presented at the Association of American Geographers (AAG) 111th Annual Meeting, Chicago, IL
- 2014 LaVanchy, GT. *Tourism and Water Use in Southwest Nicaragua: Supply, Demand, and Security in Playa Gigante*. Paper presented at the International Association of Hydrogeologists (IAH) 41st Congress on Groundwater: Challenges and Strategies; Marrakech, Morocco
- 2014 LaVanchy, GT. *Tourism as Tragedy? Common problems with water in post-revolutionary Nicaragua*. Paper presented at the Association of American Geographers (AAG) 110th Annual Meeting, Tampa, FL
- 2013 LaVanchy, GT. *The Contingent Role of Water in Tourism Development in Southwest Nicaragua*. Paper presented at the Association of American Geographers (AAG) 109th Annual Meeting, Los Angeles, CA
- 2012 LaVanchy, GT. *Mapping the future: water needs and resources in southwest Nicaragua*. Paper presented at the Geological Society of America (GSA) Annual Meeting, Charlotte, NC

- 2012 LaVanchy, GT. *Tourism, Land Ideas, and Environmental Contingencies along the Western Coast of Nicaragua*. Paper presented at the Conference of Latin Americanist Geographers (CLAG) 31st Meeting, Mérida, Yucatan, México
- 2011 LaVanchy, GT. *Geoscience and the confluence of human-environmental interaction in peri-urban Dakar*. Invited paper presented at the Geological Society of America (GSA) Annual Meeting, Minneapolis, MN
- 2011 LaVanchy, GT. *Urban Contingencies & Market Garden Vulnerability in peri-urban Dakar*. Poster presented at the Association of American Geographers (AAG) 107th Annual Meeting, Seattle, WA

PROFESSIONAL AFFILIATIONS

- | | |
|--------------|--|
| 2014-present | International Association of Hydrogeologists |
| 2011-present | Conference of Latin American Geography |
| 2010-present | Geological Society of America <ul style="list-style-type: none"> - <i>Geology & Society Division</i> - <i>Hydrogeology Division</i> |
| 2010-present | American Association of Geographers <ul style="list-style-type: none"> - <i>Africa Specialty Group</i> - <i>Cultural and Political Ecology Specialty Group</i> - <i>Water Resources Specialty Group</i> |