

CYDNEY KATE SEIGERMAN

University of Georgia Department of Anthropology
Baldwin Hall, Athens, GA 30602
cydneykate@uga.edu | +1 (248)330-0454 | cydneykate.com

EDUCATION

- 2024 PhD, Integrative Conservation and Anthropology
University of Georgia, Athens, GA
Advisor: Dr. Don Nelson
- 2017 Certification, Professional Acting Program (*Curso Regular de Teatro*)
La Escuela de Teatro La Lavandería, Madrid, Spain
- 2013 B.S. in Chemistry with High Distinction in Chemistry and Spanish
University of Michigan, Ann Arbor, MI
Advisor: Dr. Melanie Sanford
Thesis (High Honors): *Palladium-Catalyzed Ligand-Directed C–H Alkylation and Arylation Using Organotrifluoroborates in Conjunction with Mn(III)*
Phi Beta Kappa

RESEARCH AND TEACHING INTERESTS

Cultural and ecological anthropology; Science and Technology Studies; Water insecurity; Water governance; Human adaptation to climate change; Environmental justice; Theatre; Brazil; Spain

PUBLICATIONS**Peer-Reviewed Articles**

8. Rittelmeyer, P., Caretta, M. A., Dowler, C., **Seigerman, C. K.**, Reddy, E. B. U. B., Lakshmikantha, N. R., Parajuli, J., Srinivasan, J. Priya, R., Mukherji, A. (2024). Adaptation to Water-Induced Disaster: Exploring Local Knowledge and Indigenous Knowledge-led strategies. *AlterNative. AlterNative: An International Journal of Indigenous Peoples* 0(0). doi:10.1177/11771801241235332
7. **Seigerman, C. K.**, Santos Leite, N., Martins, E. S. P. R., Nelson, D. R. (2024). At the Extremes: Assessing Interrelations Among the Impacts of and Responses to Extreme Hydroclimatic Events in Ceará, Northeast Brazil. *Journal of Hydrology*, 632, 130850. doi: 10.1016/j.jhydrol.2024.130850
6. Caretta, M. A., Fanghella, V., Rittelmeyer, P., Srinivasan, J., Panday, P. K., Parajuli, J., . . . **Seigerman, C. K.**, Mukherji, A. (2023). Migration as adaptation to freshwater and inland hydroclimatic changes? A meta-review of existing evidence. *Climatic Change*, 176(8), 100. doi:10.1007/s10584-023-03573-6
5. **Seigerman, C. K.**, McKay, S. K., Basilio, R., Biesel, S. A., Hallemeier, J., Mansur, A. V., Piercy, C., Rowan, S., Ubiali, B., Yeates, E., and Nelson, D. R. (2023). Operationalizing Equity for Integrated Water Resources Management. *JAWRA Journal of the American Water Resources Association*. doi:10.1111/1752-1688.13086
4. Lemos, M. C., Puga, B. P., Formiga-Johnsson, R. M., and **Seigerman, C. K.** (2020). “Building on adaptive capacity to extreme events in Brazil: water reform, participation, and climate information across four river basins.” *Regional Environmental Change* 20 (2):53.
3. **Seigerman, C. K.** and DiCamillo, A. (2019). “Exploring Research as Craft: A Workshop Series to Promote Cross-Discipline Communication by Examining Processes of Creating.” *Ground Works*. a2ru edition. [online] <https://a2ru2019.groundworks.io/projects/8>

2. **Seigerman, C. K.**, Micyus, T. M., and Neufeldt, S. R.; Sanford, M. S. (2013). Palladium-Catalyzed C–H Arylation Using Aryltrifluoroborates in Conjunction with a Mn(III) Oxidant Under Mild Conditions. *Tetrahedron*. 69: 5580-5587.
1. Neufeldt, S. R., **Seigerman, C. K.**, and Sanford, M. S. (2013). Mild Palladium-Catalyzed C–H Alkylation Using Potassium Alkyltrifluoroborates in Combination with MnF₃. *Org. Lett.* 15: 2302-2305.

Book Chapters

- Seigerman, C. K.**, Basilio, R. L. P., and Nelson, D. R. (2021). Secas entrelaçadas: uma abordagem integrativa para explorar a sobreposição parcial e as divisões volúveis entre definições, experiências e memórias da seca no Ceará, Brasil. In A. L. Carvalho da Rocha and C. Eckert (Eds.) *Tempo e memória ambiental: etnografia da duração das paisagens citadinas*. (pp.18 – 41).
- Seigerman, C.** (2019). Produção e uso do conhecimento científico em decisões de alocação de água nas bacias metropolitanas do Jaguaribe e Fortaleza, Ceará. In F. A. de Sousa Filho et al. (Ed.), *ADAPTA: Gestão adaptativa do risco climático de seca*. (pp. 541 – 554). Fortaleza, Ceará (Brazil): Expressão Gráfica e Editora.

Other Publications

Technical Reports and Research Briefs

- Carreta, M. A., Mukherji, A. (coordinating lead authors), et al. (2022). “Chapter 4: Water.” *International Panel on Climate Change (IPCC) Working Group II Sixth Assessment Report*. IPCC. <https://www.ipcc.ch/report/ar6/wg2/>
- Nelson, D. R.; Pippin, J. S.; Mansur, A. V.; **Seigerman, C. K.** (2021). The Impacts of Infrastructure Sector Corruption on Conservation. *Targeting Natural Resource Corruption Topic Brief*. <https://www.worldwildlife.org/pages/tnrc-topic-brief-the-impacts-of-infrastructure-sector-corruption-on-conservation>
- Mukherji, Aditi; Holly M. Berman; [...]; **Cydney Kate Seigerman**; [...]; Yashoda Yashoda. (2021). “Effectiveness of Water adaptation responses in reducing climate related risks: A meta review. Final report number: FR2021-011.” Australian Centre for International Agricultural Research (ACIAR). <https://www.aciar.gov.au/publication/technical-publications/effectiveness-water-adaptation-responses-reducing-climate-related-risks-meta-review>
- Seigerman, C. K.** (2020). “Fluid Inequities: The Dynamics of Water Relations and Water Insecurities in Ceará, Northeast Brazil.” Integrative Conservation (ICON) Program Research Brief. <https://gradweb03.cc.uga.edu/our-work/#research>

Editor-Reviewed Publications

- Seigerman, C. K.** (2023). “Madam Cistern.” *Platypus: The CASTAC Blog*. <https://blog.castac.org/2023/08/madam-cistern/>
- Seigerman, C. K.** (2023). “Making Forecasts Work: The Evolution of Seasonal Forecasting by Funceme in Ceará, Northeast Brazil.” *Platypus: The CASTAC Blog*. <https://blog.castac.org/2023/04/making-forecasts-work-the-evolution-of-seasonal-forecasting-by-funceme-in-ceara-northeast-brazil/>
- Seigerman, C. K.** (2018). “Lessons From Embracing the Unknown: Proposing and Conducting Pre-dissertation Research.” *Applied Biodiversity Science Perspectives Series*. Ed. Kenny Wallen.

FELLOWSHIPS AND GRANTS

External

- | | |
|-------------|---|
| 2021 – 2023 | Research Fellowship, Fundação Cearense de Meteorologia e Recursos Hídricos (FUNCEME), Ceará, Brazil |
| 2020 | Fulbright Research Grant, Brazil (declined due to Covid-19 pandemic) |
| 2019 – 2024 | NSF Graduate Research Fellowship |

2013 – 2014 Fulbright English Teaching Assistantship, Spain

Internal

2023 – 2024 Dissertation Completion Award, U. Georgia
 2023 Integrative Conservation Program Mini Grant, U. Georgia
 2023 Communication of Research and Scholarship Grant, U. Georgia
 2022 River Basin Center Spencer Research Grant, U. Georgia
 2022 Graduate School Summer Research Grant, U. Georgia
 2019 State-of-the-Art Conference Grant for 2020 Integrative Conservation
 Conference, Office of the Senior Vice President for Academic Affairs and
 Provost, U. Georgia
 2019 Integrative and Interdisciplinary Research Grant, U. Georgia
 2019 Willson Center Graduate Research Award, U. Georgia
 2018 – 2019 Ideas for Creative Exploration “Idea Lab Mini Grant,” U. Georgia
 2018 River Basin Center Spencer Research Grant, U. Georgia
 2018 Latin American and Caribbean Institute Graduate Field Research Award, U. Georgia
 2018 The Melissa Hague Field Study Award, Dept. Anthropology, U. Georgia
 2012 Honors Summer Fellowship, U. Michigan
 2011 Vincenti Study Abroad Scholarship for Romance Language Study, U. Michigan
 2011 Donald & June Brown Students in the World Fund for Study Abroad, Residential
 College, U. Michigan
 2010 – 2011 Mary Prettyman Wood Davis Scholarship, U. Michigan
 2009 – 2013 Robert C. Byrd Honors Scholarship
 2009 University of Michigan Regents Merit Scholarship

Travel Grants

2022, 2023 Graduate Student International Travel Grant, U. Georgia
 2019, 2022, 2023 Department of Anthropology Conference Travel Award, U. Georgia
 2019 Integrative Conservation Program Conference Travel Award, U. Georgia
 2019 a2ru Student Travel Grant, The Alliance for the Arts in Research Universities
 2019 UGA Ideas for Creative Exploration Travel Award, U. Georgia
 2018 Graduate Travel Award for NSF-GRFP Submission, U. Georgia

HONORS AND AWARDS

2024 J. Peter Brosius Integrative Conservation Research Award, U. Georgia
 2024 Graduate School Engaged Scholarship Award, U. Georgia
 2023 Título de Cidadã Honorária de Quixeramobim (Honorary Citizenship of
 Quixeramobim), Quixeramobim, Ceará, Brazil
 2023 Integrative Conservation Agile Scientist Award, U. Georgia
 2023 Best Technical Oral Presentation for Theme XII, Sanitation at the 32nd Conference
 of the Brazilian Sanitation and Environmental Engineering Association. Authors:
 Pessoa Santos Brochado, R., van Voorthuysen, E. d. M., Pontes Filho, J. D. d. A.,
Seigerman, C. K., Felício Agostinho, L. L.
 2022 Second place, Anthropology Department Photo Contest (Graduate Student Division),
 U. Georgia
 2022 Blue Key Honors Society
 2019 Finalist, Three-Minute Thesis competition, U. Georgia
 2017 Second-Team All-American University Club Cross Country
 2013 Phi Beta Kappa
 2013 Phi Kappa Phi
 2013 UM Residential College Senior Award for Outstanding Service in Community

- Engagement, U. Michigan
 2013 Student Recognition Award in Spanish, Romance Languages and Literatures
 Department, U. Michigan
 2013 Seyhan N. Ege-WISE Award, Chemistry Department, U. Michigan
 2011, 2013, 2014 James B. Angell Scholar, U. Michigan
 2009 – 2013 University Honors, U. Michigan
 2011 Sophomore Honors Award, U. Michigan
 2010 William J. Branstrom Freshman Prize, U. Michigan
 2009 National Merit Scholarship Finalist

CREATIVE WORKS / CREATIVE RESEARCH

- 2023 Director and dramaturg, “Mudanças da água do Quilombo Mearim” (Changes in the Quilombo Mearim’s Water). The community-based theatre production presents the past, present, and possible futures of water access and quality in the Quilombo Mearim, Quixeramobim, Ceará. The play was developed collaboratively through theatre games and improvisations with community members. July – September 2023.
<https://youtu.be/tuYU3fTkbDQ?si=iJkIZn6vHQTkVjfy>
- 2022 Creator, “Rainwater Harvesting with Cisterns” (a 10-minute video on rainwater harvesting in Ceará, Northeast Brazil with an instructional component to calculate how much rainfall is needed to fill a cistern). Made in collaboration with the Network for Engineering with Nature (N-EWN). <https://n-ewn.org/rainwater-harvesting-with-cisterns/>
- 2022 Technical assistant (Fall 2021 – present) and interview coordinator (Fall 2022), *Les ames du barrage* (A short film on the concentration camps in Senador Pompeu, Ceará, Brazil. This documentary is a product of the ongoing collaboration between The French Research Institute for Development (IRD) and the Cearense Meteorological and Water Resources Research Institute (Funceme) to develop a full-length documentary of the Concentration Camps. The film was selected for the ePOP 2022 competition co-organized by the French National Radio (RFI) and IRD and was awarded 9th place out of 20 films (submitted by Christian Leduc of IRD). <https://youtu.be/u2kGVMqjQo4>
- 2021 – present Collaborator/researcher, “Dramaturgias da Água e da Seca” (Water and Drought Dramaturgies). The two-part theatrical performance project was developed by Pavilhão da Magnólia, a professional theatre group based in Fortaleza, Ceará, Brazil. It critically examines drought and water politics in Ceará, Brazil.
- 2021 Visiting artist. CIA de Teatro Arautos do Bonfim (Youth Theatre Group in Senador Pompeu, Ceará, Brazil). 27 – 29 October, 2021.
- 2019 – 2020 Devisor and actor, *[The GA Incarceration Performance Project] Presents: By Our Hands* (a collaboration between UGA, Spelman College, and community partners) (Show ran November 2019 [Athens] and February 2020 [Atlanta])

WORKSHOPS

- Anthropology & Environment Society Graduate Student Workshop Series
Organizer, co-facilitator with Bastian Thomsen
 November 2023 (two 2-hour sessions) [Toronto, Canada]
 This workshop took place at the 2023 American Anthropological Association/
 Canadian Anthropology Society Annual Meeting.

Teatro do Oprimido para Explorar o Racismo e Educação Anti-Racista (Theatre of the Oppressed to Explore Racism and Anti-Racism Education)

Organizer and facilitator

August 29, 2023 [Escola do Campo Irmã Tereza Cristina, Quixeramobim, Ceará, Brazil]

In this full-day workshop, high school students used techniques based on Augusto Boal's Theatre of the Oppressed to confront different dimensions of racism and imagine more just futures.

Teatro para Abordar Desafios Socioambientais e Criar Soluções (Theatre to Address Socioenvironmental Challenges and Create Solutions)

Organizer and facilitator

June and August 2023 [Quixeramobim, Ceará, Brazil]

In collaboration with the Municipal Secretariat of Education, workshops were held at eight schools and education programs in the municipality of Quixeramobim: three elementary schools in the rural area, three elementary schools in the urban center, the adult night course, and the municipality's adult literacy program. Community-based theatre techniques were used to explore different human-water relations, culminating with small groups making statues to represent situations from the past, present, or future.

Anthropology & Environment Society Graduate Student Workshop Series

Organizer, co-facilitator with Bastian Thomsen

November 2022 (two 1.5 hour sessions) [Seattle, WA, USA]

This workshop series took place at the 2022 American Anthropological Association Annual Meeting in Seattle, Washington.

Collaborative Ethnography Through "Listening Out Loud"

Organizer and facilitator

November 2020 (2 hours) [online]

This workshop was given as part of the American Anthropological Association 2020 Virtual Workshop Series.

"Exploring Research as Craft" Three-Part Workshop Series

Co-organizer and co-facilitator with Alden DiCamillo

<https://aldendicamillo.wixsite.com/erac>

January 2019 – February 2020 [Athens, GA, USA]

This workshop series, sponsored by the Ideas for Creative Expression Mini Grant, promotes cross-disciplinary communication by having graduate students across UGA's campus reimagine research as an act of craft through artistic projects. The first series culminated in a public gallery show in Athens, GA.

INVITED TALKS

2024 "Arts Collaborative Conversation: How can performance arts and sciences contribute to more holistic understandings of human-water relations?" The UGA Arts Collaborative, Athens, GA, February.

2023 "Iniquidades fluidas: As dinâmicas das relações e inseguranças hídricas no Sertão Central, Ceará, Brasil" ("Fluid inequities: The dynamics of water relations and insecurities in Sertão Central, Ceará, Brazil"). The Federal Institute of Ceará (IFCE) – Maracanaú Campus, Maracanaú, Ceará, Brazil, May.

- 2023 “A gestão hídrica ao nível local em Quixeramobim” (“Local water management in Quixeramobim”). The Research Institute for Meteorology and Water Resources—Ceará (FUNCEME), Fortaleza, Ceará, Brazil, February.
- 2023 “Interdisciplinarity and the Craft of Making Connections.” Residential College Robertson Lecture, University of Michigan, Ann Arbor, MI, February.
- 2022 “Toward Equity Across the Infrastructure Lifecycle in Ceará, Northeast Brazil.” Celebrating 20 years of water policy at the River Basin Center, University of Georgia, Athens, GA, September.
- 2019 “The Fulbright English Teaching Assistantship: Becoming a Cultural Ambassador and Promoting Mutual Understanding.” University of Georgia Honors Program, Athens, GA, April.
- 2018 “The Production and Use of Scientific Knowledge in Water Management Decisions in Ceará, Brazil.” River Basin Center Microconference, Athens, GA, December.
- 2015 “Encontrando enlaces y equilibrios” (“Finding links and balances”). I Foro USA Castellón organized by Foro USA-Spain, Castellón, Spain, December.

ROUND TABLE DISCUSSIONS AND CONFERENCE PRESENTATIONS

Roundtable Discussions

- 2023 Alhalabi, H., Burton, D., Dudley, A., Im, Y., Oyarzun, Y., **Seigerman, C.**, Vidmar, R. Newcomers in the Association: Student Representatives and Engagement with Anthropological Societies. (Invited panelist). Organized by Lawrence Ramirez. American Anthropological Association/Canadian Anthropology Society Annual Meeting, Toronto, Canada, November.
- 2023 **Seigerman, C. K.**, Pimentel, L. C., Olímpio, J. L. Mudanças climáticas - A quadra chuvosa e o rompimento de reservatórios no Ceará em 2023. (Climate Change: The Rainy Season and the Rupture of Reservoirs in Ceará in 2023). (Invited panelist). Organized by the Academic Center of Environmental and Sanitation Engineering, Federal Institute of Ceará – Quixadá Campus, Quixadá, Ceará, Brazil, June.
- 2022 **Seigerman, C. K.**, Pimentel, L. C., and Leôncio, M. O semi-árido e a escassez hídrica (*The semi-arid region and water scarcity: A round-table discussion*). (Invited panelist). Organized by Ribeiro, S. Programa Selo Escola Sustentável. Quixeramobim, Ceará, Brazil, September.
- 2022 **Seigerman, C. K.**, Alves, V., and Pinheiro, M. Como fortalecer a preservação do patrimônio material e imaterial através de incentivar a participação da sociedade civil e dos alunos. (*How to strengthen the preservation of tangible and intangible heritage through encouraging civil society and student participation: A round-table discussion*). (Invited panelist). Organized by V. Alves. IX Seminário: Sertão, Seca, Memória e Cidadania, Senador Pompeu, Ceará, Brazil, May.

Conference Presentations

* denotes student author

- 2023 De Freitas Vieira, L., **Seigerman, C. K.**, Martins, E. S. P. R., de Oliveira Santos, J. Insegurança hídrica e estratégias comunitárias de gestão da água no Semiárido Brasileiro. (Poster). Scientific Exposition of the 10th International Seminar for Living with the Semi-arid Region (Mostra Científica do 10º Seminário Internacional de Convivência com o Semiárido), Piranhas, Alagoas, Brazil, November.
- 2023 Pessoa Santos Brochado, R., van Voorthuysen, E. d. M., Pontes Filho, J. D. d. A., **Seigerman, C. K.**, Felício Agostinho, L. L. Captação de água atmosférica como alternativa à operação carro-pipa na convivência com a seca no semiárido (Atmospheric water capture as an alternative to water truck operations for greater co-existence with drought in the Brazilian semi-arid region). (Conference paper). 32nd Conference of the Brazilian Sanitation and Environmental Engineering Association (ABES), Belo Horizonte, Minas Gerais, Brazil, May. *Awarded “Best Technical Oral Presentation” for Theme XII, Sanitation*
- 2022 **Seigerman, C. K.** The Navigation of Climate and Sociopolitical Processes to Achieve Household Water Security in the Semi-Arid Region of Ceará, Northeast Brazil. (Conference paper). American Anthropological Association Annual Meeting, Seattle, Washington (USA), November.

- 2022 **Seigerman, C. K.**, Martins, E. S., and Nelson, D. R. The emergence of household-level water insecurity through sociohydrological processes in the semi-arid region of Ceará, Northeast Brazil. (Conference paper). XI Scientific Assembly of the International Association of Hydrological Sciences (IAHS 2022), Montpellier, France, June.
- 2021 **Seigerman, C. K.** The Use of Collective Histories in Pavilhão da Magnólia's "Dramaturgias da Água e da Seca" to Confront Socioecological Oppression in Ceará, Brazil. (Conference paper). Symposium for Integrative Conservation, Athens, GA, March.
- 2021 **Seigerman, C. K.**, Biesel, S. A., Nelson, D. R., McKay, and K., Piercy, C. The Use of Nature-Based Solutions to Address Inequities within Water Resources Projects. (Conference paper). Society for Applied Anthropology Annual Meeting, Virtual, March.
- 2020 Nelson, D. R., **Seigerman, C. K.**, and Finan, T. The Making of a Drought: Politics, Infrastructure and Going Without. (Conference paper). Society for Applied Anthropology Annual Meeting, Albuquerque, NM, March. (Canceled due to Covid-19 pandemic).
- 2019 **Seigerman, C. K.** and DiCamillo, A. "Research as Craft." (Conference session). The Alliance for the Arts in Research Universities (a2ru) National Conference, Lawrence, KA, November.
- 2019 **Seigerman, C. K.** and Nelson, D. N. "Water as a Common Denominator to Strife in the Semi-Arid of Ceará, Brazil." (Conference paper). International Society for Ethnography and Folklore 14th International Conference, Santiago de Compostela, Galicia, Spain, April.
- 2019 **Seigerman, C. K.** "Presentations as Performance at Academic Conferences." (Conference paper). Association of American Geographers' 2019 Annual Meeting, Washington DC, April.
- 2019 **Seigerman, C. K.** "The Experience of Water in the Semi-Arid of Ceará, Brazil." (Presentation). University of Georgia Anthropology Department Professional Seminar, Athens, GA, March.
- 2019 **Seigerman, C. K.** "An Interpretative Representation of Scientific Knowledge Production and Use in Water Management Decisions in Ceará, Brazil." (Presentation). 6th Annual Symposium on Integrative Conservation, Athens, GA, February.
- 2019 Bozeman, B.; Cross, D.; Hsiung, A.; Kellum, S.; Kumar, S.; Miles, M.; Morrow, K.; Nelson, A.; **Seigerman, C. K.** "Social Network Analysis and Georgia Fisheries: a Closer Look at Research Collaborations in ICON 8002." (Presentation). 6th Annual Symposium on Integrative Conservation, Athens, GA, February.
- 2019 Bozeman, B.; Cross, D.; Hsiung, A.; Kellum, S.; Kumar, S.; Miles, M.; Morrow, K.; Nelson, A.; **Seigerman, C. K.** "Georgia Shrimp Fisheries: A Complex Socio-Ecological System." (Presentation). 6th Annual Symposium on Integrative Conservation, Athens, GA, February.
- 2018 Bozeman, B.; Cross, D.; Hsiung, A.; Kellum, S.; Kumar, S.; Miles, M.; Morrow, K.; Nelson, A.; **Seigerman, C. K.** "Georgia Shrimp Fisheries: A Complex Socio-Ecological System." (Presentation). Integrative Conservation Conference, Athens, GA, September.
- 2018 **Seigerman, C. K.** "The Role of Different Knowledge Types in Water Management in Ceará, Brazil." (Presentation). Integrative Conservation Conference, Athens, GA, September.
- 2018 **Seigerman, C. K.** "O Papel dos Diferentes Tipos de Conhecimento em Gestão de Água no Vale do Jaguaribe." ("The Role of Different Knowledge Types in Water Management in the Jaguaribe Valley.") (Presentation). FUNCEME, Fortaleza, Ceará, Brazil, July.
- 2018 Hill, T.*; **Seigerman, C. K.**; Nelson, D. "Developing Effective Governance Strategies in the Face of Water Scarcity" (Poster). UGA Center for Undergraduate Research Opportunities' Symposium, April.
- 2012 **Seigerman, C. K.**; Neufeldt, S. R.; Sanford, M. S. "Pd-Catalyzed C–H Functionalization Using Aryl Radicals" (Poster). Regional Summer Undergraduate Research Programs Research Symposium, University of Notre Dame, August.

PUBLIC ENGAGEMENT

- 2023 **Seigerman, C. K.** Nossas relações com a água no sertão (Our relationships with water in the hinterlands). The Coronel Humberto Bezerra Secondary School (10th – 12th grades), Quixeramobim (Ceará, Brazil), March. [Interactive presentation]

- 2023 **Seigerman, C. K.** Uso racional da água e meio ambiente (Rational Use of Water and the Environment). The Álvaro Carneiro Primary School (6th – 9th grades), Quixeramobim (Ceará, Brazil), March. [Interactive presentation]
- 2021 Nelson, D.R., Pippin, J. S., Mansur, A. V., **Seigerman, C. K.** The Impacts of Infrastructure Sector Corruption on Conservation. Targeting Natural Resource Corruption, Topical Brief Webinar. [Webinar]
- 2021 McKay, K., **Seigerman, C. K.**, and Nelson, D.R. Operationalizing Equity for Integrated Water Resources. N-EWN Knowledge Series, Network for Engineering with Nature. [Webinar]

FIELDWORK

August 2021 – September 2023. “Fluid inequities: The Dynamics of Water Relations and Water Insecurities in Ceará, Northeast Brazil.” Dissertation fieldwork in Ceará, Brazil to study the lived experience of water (in)security in Sertão Central, Ceará and the social, ecological, and technical determinants of this experience. This received received financial support from the NSF-GRFP, FUNCEME, and the University of Georgia. Institutional support was also received from the Municipality of Quixeramobim.

May 2019. “The Multiple Dimension of Water in a Water-Insecure Place.” Three weeks of preliminary fieldwork in Fortaleza, Quixeré, and Quixeramobim, Ceará, Brazil. A livelihood analysis was carried out in Quixeramobim with collaborators at the Cearense Research Institute for Meteorology and Water Management (FUNCEME). In addition, collaborations were initiated with two theatre groups in the region: o grupo Pavilhão da Magnólia (Fortaleza) and o Trupe Motim (Quixeré). This research received institutional and financial support from the University of Georgia, the Federal University of Ceará, and FUNCEME.

May – July 2018. “The Role of Different Knowledge Types in Water Management in Ceará, Brazil.” Eight weeks of preliminary fieldwork in Fortaleza and the Valley of Jaguaribe, Ceará, Brazil were conducted to understand the use of scientific knowledge in bulk water allocation decisions at the riverbasin level. This research received institutional support from the University of Georgia, the Federal University of Ceará, FUNCEME, and the Cearense Water Resource Company (COGERH).

CONSULTING WORK

- 2021 Social scientist, World Wildlife Fund. “The impacts of infrastructure sector corruption on conservation.” Prepared by Donald R. Nelson, J. Scott Pippin, Andressa Mansur, and **Cydney Seigerman**, Humans and Environmental Change Consulting and The Institute for Resilient Infrastructure Systems, University of Georgia
- 2013 Chemist, Mindo Chocolate Makers, Mindo, Ecuador and Ann Arbor Michigan. “La química de la fermentación de los granos de cacao.” (“The Chemistry Behind Cocoa Bean Fermentation”).

TEACHING EXPERIENCE

- 2017 – 2019 University of Georgia, Department of Anthropology
Teaching Assistant (Introduction to Anthropology)
- 2015 – 2018 Magoosh, Berkeley, CA
Senior Remote Test Prep Expert
- 2014 – 2015 Spanish Ministry of Education, Madrid, Spain
Language and Cultural Teaching Assistant
- 2013 – 2014 Fulbright U.S. Student Program
English Teaching Assistant (Spain)
- 2012 University of Michigan, Chemistry Department
Undergraduate Student Instructor (Organic 1 Lab, 2 sections)
- 2010 – 2011 University of Michigan, Science Learning Center
Study Group Leader (Organic Chemistry and Physical Chemistry)

SERVICE AND MENTORSHIP

Journal referee: *International Journal of Disaster Risk Reduction, Climate and Development, Horizontes Antropológicos*

- 2023 Evaluator, Undergraduate Research Presentations for Geography Week, Federal Institute of Ceará-Quixadá, June.
- 2023 – present Corresponding Editor, *Platypus* (the official blog of the Committee for the Anthropology of Science, Technology, and Computing [CASTAC])
- 2022 – 2023 Undergraduate thesis (TCC) committee member of Francisco André Correia Veríssimo, Geography Department, Federal Institute of Ceará-Quixadá
- 2021 – 2023 Student Board Member, Anthropology & Environment Society, American Anthropological Association
- 2019 – 2020 2020 Integrative Conservation Conference Co-Chair
Conference was held February 6 – 9, 2020 in Athens, GA
Keynote speakers: Pamela McElwee (Rutgers) and Elaine Gan (NYU)
- 2019 – 2021 Undergraduate student mentor, Anthropology Department, UGA
- 2018 – 2020 Peer mentor, Organized ICON Network & Cooperative, UGA
- 2017 – 2024 Organized ICON Network & Cooperative, UGA
Secretary (2018 – 2019)
- 2017 – 2019,
2021 Symposium on Integrative Conservation, UGA
Publicity Committee (2017 – 2019)
Volunteer Coordinator (2021)
- 2017 – 2024 Anthropology Graduate Student Organization, UGA
- 2011 – 2013 Chair, Floyd E. Bartell Memorial Lecture, Alpha Chi Sigma Alpha Beta Chapter, University of Michigan
- 2010 – 2013 Peer mentor, Residential College and Hillel, University of Michigan

LANGUAGES

English (native), Spanish (near-native fluency), Portuguese (high-level proficiency), Catalan (working proficiency)

Certification

- 2020 Portuguese Research Skills Foreign Language Exam (UGA Romance Language Department): equivalent to four-semester proficiency
- 2015 Diploma of Spanish as a Foreign Language (DELE): Level C2 (Mastery)

Translation experience

- 2023 Portuguese to English: Research article “Use of Climate Information in Water Allocation: A Case of Study in a Semiarid Region,” <https://doi.org/10.3390/w15132460>
- 2022 Portuguese to English: “Stream gauge clustering and analysis for non-stationary time series through complex networks,” <https://doi.org/10.1016/j.jhydrol.2022.128773>
- 2016 Spanish to English: Video transcript for Spanish Fulbright Alumni Association 25th Anniversary Documentary
- 2012 – 2016 Spanish to English: WatchingAmerica.com (Over 100 articles translated and published)

PROFESSIONAL AFFILIATIONS

ARID Research Network; Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN); Society for Applied Anthropology; Society for Social Studies of Science; American Anthropological Association; American Chemical Society; Alpha Chi Sigma (National Professional Chemistry Fraternity), Alpha-Beta Chapter