

CYDNEY KATE SEIGERMAN

University of Georgia Department of Anthropology
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EDUCATION

- 2023 (expected) PhD Student, Integrative Conservation and Anthropology
University of Georgia, Athens
Advisor: Dr. Don Nelson
Certificate in Latin American and Caribbean Studies
- 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, High Honors in Chemistry & Spanish
University of Michigan, Ann Arbor
Honors Thesis: *Palladium-Catalyzed Ligand-Directed C–H Alkylation and Arylation Using Organotrifluoroborates in Conjunction with Mn(III)* (High Honors, April 2013)

RESEARCH AND TEACHING INTERESTS

Cultural and Ecological Anthropology; Philosophy of Technology; Science Studies; Water; Water Insecurity; Water Governance; Theater; Brazil; Spain

TEACHING EXPERIENCE

- 2017 – 2019 University of Georgia, Department of Anthropology
Teaching Assistant
- 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
- 2010 – 2011 University of Michigan, Science Learning Center
Study Group Leader (Organic Chemistry and Physical Chemistry)

OTHER RELEVANT EMPLOYMENT

- 2015 – 2019 Magoosh, Berkeley, CA
Senior Remote Test Prep Expert
- 2010 – 2013 Chemistry Department, University of Michigan
Undergraduate Research Assistant
Advisor: Melanie Sanford

PUBLICATIONS

- Lemos, M. C., Puga, B. P., Formiga-Johnsson, R. M., & **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.
- 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>
- Seigerman, C.** and Nelson, D. R. 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.
- Seigerman, C. K.** 2018. Lessons From Embracing the Unknown: Proposing and Conducting Pre-dissertation Research. *Applied Biodiversity Science Perspectives Series*. Ed. Kenny Wallen.
- Seigerman, C. K.**; Micyus, T. M.; 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.
- Neufeldt, S. R.; **Seigerman, C. K.**; Sanford, M. S. 2103. Mild Palladium-Catalyzed C–H Alkylation Using Potassium Alkyltrifluoroborates in Combination with MnF₃. *Org. Lett.* 15: 2302-2305.

CREATIVE WORKS / CREATIVE RESEARCH

Devisor, *By Our Hands* (a production by the [Georgia Incarcerated Production Project], a collaboration between UGA, Spelman College, and community partners) (Show ran November 2019 [Athens] and February 2020 [Atlanta])

PRESENTATIONS

- Nelson, D. R., **Seigerman, C. K.**, and Finan, T. The Making of a Drought: Politics, Infrastructure and Going Without. (Conference paper). SfAA, Albuquerque, NM, March 2020. (Canceled).
- Seigerman, C. K.** and Alden DiCamillo. “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 Fulbright English Teaching Assistantship: Becoming a Cultural Ambassador and Promoting Mutual Understanding.” (Invited Presentation). University of Georgia Honors Program. Athens, GA, March 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 2019.
- Seigerman, C. K.** “The Production and Use of Scientific Knowledge in Water Management Decisions in Ceará, Brazil.” (Invited Presentation). River Basin Center Microconference, Athens, GA, December 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 2018.
- Seigerman, C. K.** “*Encontrando enlaces y equilibrios.*” (“Finding links and balances”). (Invited presentation in Spanish). I Foro USA Castellón organized by Foro USA-Spain, Castellón (Spain), December 2015.
- Seigerman, C. K.** “*La química de la fermentación de los granos de cacao.*” (“The Chemistry Behind Cocoa Bean Fermentation”) (Presentation in Spanish). Mindo Chocolate Makers, Mindo, Ecuador, June 2013.
- 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 2012.

GRANTS, AWARDS, AND HONORS

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| 2020 | Fulbright Research Grant, Brazil |
| 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 | a2ru Student Travel Grant |
| 2019 | UGA Ideas for Creative Exploration Travel Award |
| 2019 | NSF Graduate Research Fellowship |
| 2019 | Finalist, UGA Three-Minute Thesis competition |
| 2019 | Integrative and Interdisciplinary Research Grant, U. Georgia |
| 2019 | Department of Anthropology Conference Travel Award, U. Georgia |
| 2019 | Integrative Conservation Program Conference Travel Award, U. Georgia |
| 2019 | Willson Center Graduate Research Award, U. Georgia |
| 2018 – 2019 | Ideas for Creative Exploration “Idea Lab Mini Grant,” U. Georgia |
| 2018 | Graduate Travel Award for NSF-GRFP Submission, 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 |
| 2017 | Second-Team All-American University Club Cross Country |
| 2013 – 2014 | Fulbright English Teaching Assistantship, Spain |
| 2013 | Phi Beta Kappa |
| 2013 | Phi Kappa Phi |
| 2013 | UM Residential College Senior Award for Outstanding Service in Community |

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| | Engagement |
| 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 |
| 2012 | Honors Summer Fellowship, U. Michigan |
| 2011 | Sophomore Honors Award, 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 |
| 2010 | William J. Branstrom Freshman Prize, U. Michigan |
| 2009 – 2013 | Robert C. Byrd Honors Scholarship |
| 2009 | University of Michigan Regents Merit Scholarship |
| 2009 | National Merit Scholarship Finalist |

FIELDWORK

May 2019. “The Multiple Dimension of Water in a Water-Insecure Place.” Three weeks of predissertation fieldwork in Fortaleza, Quixeré, and Quixeramobim, Ceará, Brazil. A livelihood analysis was carried out in Quixeramobim with collaborators at the Foundation Cearense 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 support from the University of Georgia, the Federal University of Ceará, and the Foundation Cearense for Meteorology and Water Management (FUNCEME).

May – July 2018. “The Role of Different Knowledge Types in Water Management in Ceará, Brazil.” Eight weeks of predissertation 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).

PROFESSIONAL AFFILIATIONS

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| 2018 – Present | American Association of Geographers |
| 2018 – Present | International Society for Ethnography and Folklore |
| 2017 – Present | American Anthropology Association |
| 2010 – Present | American Chemical Society |
| 2010 – Present | Alpha Chi Sigma (National Professional Chemistry Fraternity), Alpha-Beta Chapter |

SERVICE AND MENTORING

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| 2019 – 2020 | 2020 Integrative Conservation Conference <i>Co-organizer</i> Conference was held February 6 – 9, 2020 in Athens, GA Keynote speakers: Pamela McElwee (Rutgers) and Elaine Gan (NYU) |
| 2019 – present | Undergraduate Student mentor, Anthropology Department, UGA |
| 2019 – present | “Research as Craft” Three-Part Workshop Series <i>Co-organizer</i> |

