**Academic Employment**

**Associate Professor Texas A&M University 2023 *-***

 Department of English

 **Director of Graduate Studies 2023-**

 **Associate Director of Graduate Studies 2022-2023**

**Assistant Professor Texas A&M University 2016 *-* 2023**

 Department of English

**Education**

**Ph.D.** **English Pennsylvania State University May 2016**

 Emphasis in Rhetoric and Composition

**M.A. English** **Pennsylvania State University May 2012**

**B.A.** **Interdisciplinary University of South Carolina Dec. 2009**

**Studies** Individualized major in Rhetoric of Science and Technology

**Teaching Fields**

Rhetoric of Science, Technical Writing, Science and Technology Studies, Environmental Humanities, Science Fiction, Literature and Science, History and Theory of Rhetoric.

**Publications**

**Refereed Academic Books**

*Scale Theory: A Nondisciplinary Inquiry*, University of Minnesota Press, 2021. 352 pages.

Provides a foundational theory of scale that crosses disciplines, discourses, and scales. *Scale Theory* examines how scale bridges human and nonhuman experience and traces out the challenges and transformations it presents for our philosophies of subjects, objects, relations as well as the operations of science, representation, and contemplation.

Reviewed in *Leonardo* and *Science and Culture*

**Finalist for the 2022 Association for Rhetoric of Science, Technology, and Medicine book prize**

**Refereed Journal Articles**

“Wikipedia as editorial microcosm: Stalled Wikipedia Articles and the Teaching of Applied Comprehensive Editing.” 30,000 word digital webtext, Forthcoming in *Kairos.*

“Simulations of Moksha: Liberation, Mysticism, and Transhumanism in Philip K. Dick’s *Exegesis*.” *Science Fiction Studies*, vol. 48, no. 2, 2021, pp. 279-305.

 “Scale Tricks and God Tricks, or, The Power of Scale in Powers of Ten.” *Configurations*, vol 28, no. 4, 2020, pp. 459-490. **Winner of the Society for Literature, Science, and the Arts 2020 Schachterle Essay Prize.**

“Rhetorical Recommendations Built on Ecological Experience: A Reassessment of the Challenge of Environmental Communication.” with Kathryn M. Barlow and Joseph S Johnson. *Environmental Communication*, vol. 12, no. 4, 2018, pp. 438-450.

 “Language and the Logic of Subjectivity: Whitehead and Burke in Crisis.” *Philosophy & Rhetoric*, vol. 50, no. 1, 2017, pp. 96-118.

 “Ironic Ecology.” *ISLE: Interdisciplinary Studies in Literature and Environment*, vol. 22, no. 3, Sept. 2015, pp. 447–65.

**Book Chapters**

“Science and the Art of Interpretation: A framework for practicing analysis with/on science writing.” Forthcoming in *Teaching with Science Writing*, ed. Lisa Ottum, Allison Dushane, and Ros Powell.

 “Rhetoric out of Context: The Challenge of Contemplative Rhetoric.” *The Routledge Handbook of Comparative World Rhetorics*. Keith Lloyd, ed. Routledge, 2020, 67-74.

**Book Reviews**

Review of “Cosmic Apprentice: Dispatches from the Edges of Science by Dorion Sagan, and Lynn Margulis: The Life and Legacy of a Scientific Rebel ed. by Dorion Sagan.” *Configurations*, vol. 21, no. 3, 2013, pp. 374–76.

**Publications In Progress**

**Monograph:** “The Sustainability Paradox: Lithium and the ecologies of scalar objects” **–** Solicited by the University of Minnesota Press, *Proximities* series. Full length study of how lithium is made present at different scales and how these relations are complicated by the scalar mediations (from atomic force microscopy to lithium mining) and writing forms (e.g., scientific descriptions, battery patents, lithium investment portfolios, environmental impact reports, indigenous responses to lithium mining) needed to make it useful for environmental and technological purposes.

**Book Chapter: “**Scaling the Human Lifeworld: Rhetorical power within/as Energy Transition,” in *Scale and Energy,* Petra Dolata, Sabrina Perić, and Roberta Rice, eds. under review at the University of Calgary Press.

**Journal Article**: “Consulting the First Nanotechnologists: Invoking Microbes in the Gap Between Physics and Biology.” Under submission at *Philosophy and Technology*.

**Journal Article**: “Visualizing Scale: Markers and Effects of Science’s Transformations.” Under submission for *Arts* special issue on “Visualizing Art of Sciences: Aesthetics, Technology, and Interdisciplinary.”

**Grants**

**Strategic Transformative Research Proposal (Type IV) – For “The Sustainability Paradox: Lithium and the Ecologies of Scalar Objects” –** PI

**Texas A&M Internal Grant** – College of Arts and Sciences

 **Amount:** $5,000 – Dates: 2024

**Humanities and the Anthropocene** – Affiliated Faculty

**Texas A&M Internal Grant -** Glasscock Humanities Center

**Amount:** $150,000 – Dates: 2023-2026

**Learning to Read the Rocks and Oceans: Developing new pedagogies for learning to scale across the sciences and liberal arts.**  – PI with Juan Carlos Laya (Geology, Texas A&M)

 **Texas A&M Internal Grant** – College of Arts and Sciences Merger Collaboration Grant

Amount: $10,000 – Dates: 2022-2023

**Awards and Fellowships**

**Association of Former Students College Level Teaching Award**, college-level award granted for excellence in teaching.

**2023 Fallon-Marshall Lecture Award**, college-level award granted for excellence in research in the humanities.

**Finalist** for the **2022 Association for Rhetoric of Science, Technology, and Medicine book prize** for *Scale Theory: A Nondisciplinary Inquiry*

**2020 Schachterle Essay Prize** – Annual prize awarded by the Society for Literature, Science, and the Arts for the best new essay on literature and science written by a nontenured scholar.

**2019-2020 Montague-Center for Teaching Excellence Scholar** for the College of Liberal Arts, Texas A&M University – University-wide award for teaching, including a $6,500 stipend (received to work on teaching editing via Wikipedia).

**2015-2016 Pre-doctoral Fellowship, Center for Humanities and Information** – Pennsylvania State University.

**Presentations**

**Invited Talks and Keynotes**

“The Anthropocene—Why and When?” Golden Spikes Symposium, Humanities and the Anthropocene Initiative, Texas A&M, September 2023.

“Scaling across Disciplines,” Colloquium for the Department of Geography, Texas A&M, September 2023.

“Science has transformed you: Scale between science and the humanities.” Fallon-Marshall Lecture, April 2023. Honorary lecture, given by honorees of the annual award, supported by the Glasscock Center for Humanities Research.

“Scale changes everything: An introduction to scale theory.” Keynote for *Mediating Scale*, an international online conference hosted by the Institute of Communication Studies (ISTC), Université Catholique de Lille, 2022. (available online at https://www.youtube.com/watch?v=Q8kr0LsrAZM)

**Conference Presentations**

Adventures in Science Writing, *Modern Language Association*, Philadelphia, PA, 2024. Roundtable, primary organizer.

Biology as scalar mediation, or, Building Life after Information, “Limits of the Living” Symposium, Texas A&M University, Nov 2-3, 2023.

Visualizing Scale: Markers and Effects of Science’s Transformations. *Society for Science, Literature and the Arts*. Tempe, AZ, 2023. Part of a three panel “stream” on “Visions of Scale” co-organized with Meredith Tromble.

Invoking the Periodic Table: Lithium's entanglements and arguments from scalar constraints, *Society for Social Studies of Science*, Cholula, Mexico, 2022

A few scale tricks and how to avoid them. *Society for Literature, Science, and the Arts*, West Lafayette, IN, 2022.

Rediscovering the Galactic Metanoia: Scale and the transformative perspective of outer space, *Rhetoric Society of America*, Baltimore, MD, 2022.

Simulations of Moksha: Failing to articulate as Effective Argument, *Rhetoric Society of America*, Baltimore, MD, 2022.

Bold (but also skilled) Editing Needed!: Stalled Wikipedia Articles and the Teaching of Applied Comprehensive Editing, *Conference on College Composition and Communication,* Chicago, IL, 2022.

On repopulating scalar discourses: Scaling Risk and Effects with reference to the Lithium Mining in the Atacama Desert, *Society for the Social Studies of Science*, online, 2021.

On the Other Side of Horror: Alternative Affects to Environmental Despair (roundtable), *Association for the Study of Literature and the Environment*, Online, 2021.

Rhetoric as Energy, Scale as Effect: Moving Humans to Respond to Energy Flows, *International Conference: Energy and Scale,* Banff, Canada, 2019.

Plato’s Involutionary Rhetoric: Doxa, metanoia, and the conditions for transformation, *International Society for the History of Rhetoric,* New Orleans, LA, 2019.

Vectors for Self-Transformation: Non-metaphorical readings and the Whole Earth image, *Rhetoric Society of America*, Minneapolis, MI, 2018.

Democracy after Ecology (roundtable), *Rhetoric Society of America*, Minneapolis, MI, 2018.

This is the Cosmos Seeing Itself: In-formation, Cybernetics, and the Science of Mystical Vision, *Society for Literature, Science, and the Arts*, Tempe, AZ, 2017.

Toward a Mutual Bewilderment: Scale and Avenues of Interpretation, *Modern Language Association*, Philadelphia, PA. 2017.

The Cosmic Encounter: The All as Power beyond the Ego-function, *Society for Literature, Science, and the Arts*, Houston, TX. 2015

On Being Scaled: Rethinking the View from Above. *European Society for Literature, Science, and the Arts*, Malta. 2015.

Only the Everything Flows: the Paradox of Philip K. Dick’s (de)Fragmentation, *Society for Literature, Science, and the Arts*, Dallas, TX. 2014.

Finding a Subjective Science: Kenneth Burke, Whitehead, and Russell’s Paradox. *Rhetoric Society of America*, San Antonio, TX. 2014.

Encountering the Molecule: Nanotechnology and Material Vitality. *Society for Literature, Science, and the Arts,* Milwaukee, WI. 2012.

Ethics, Ethos, and Authority in Online Discussions of Science. *National Communication Association*, San Francisco, CA. 2010 (with Pat Gehrke).

**Workshops and Institutes**

**2023 Metabolism: A Happening**, College Station, TX. Workshop on Art and Science convened by the TAMU School of Visual and Performance Arts.

**2019 RSA Institute,** “Neurorhetorics’ Materialities,” College Park, MD. Admittance via competitive application.

**2017 RSA Institute, “**Environmental Rhetoric in a Material World,” Bloomington, IN. Admittance via competitive application.

**2017 English Institute**, “Scale,” Irvine, CA. Selected by home department as delegate.

**2016 CSST Summer Institute** (Consortium for the Science of Sociotechnical Systems), member of Emerging Multi-disciplinary Research Team, Skamania, WA. NSF funded institute. Admittance via competitive application.

**Teaching – Texas A&M**

**Graduate Courses**

ENGL 681: Placement and Professionalization seminar (Fall 2023; 10 students)

ENGL/COMM 654: Classical Rhetoric: Rhetoric Inside-Out (Fall 2017, Fall 2020; 20 Students)

ENG/COMM 655: Contemporary Theories of Rhetoric: Posthumanism and Rhetoric (Spring 2020; 12 Students)

ENGL 667: Topics in Rhetoric: Rhetoric after Information (Spring 2019; 6 Students)

ENG/COMM 655: Contemporary Theories of Rhetoric: Rhetoric after Information (Fall 2021; 10 Students)

**Independent Studies (Graduate)**

Environmental Theory and Literature (Spring 2021, Donnie Secreast)

The Rhetoric of Philip K. Dick (Spring 2022, Gwendolyn Inocencio)

**Undergraduate Courses**

**Rhetoric and Writing Courses**

ENGL 320: Technical and Professional Editing (6 Sections, Spring 2017-2022; 137 Students, 3 embedded honors)

ENGL 355: Rhetoric of Style (Fall 2016, Fall 2017; 57 Students)

ENGL 354: Modern Rhetorical Theory (Spring 2017, Spring 2018; 40 Students)

ENGL 353: History of Rhetoric (Fall 2018, Spring 2021; Fall 2022; 82 Students, 1 embedded honors)

**Special Topics and Advanced Courses**

ENGL 303: Approaches to English Studies: Philip K. Dick (Fall 2018; 19 Students)

ENGL 481: Senior Seminar: Rhetoric of Space Travel (Fall 2020; 18 Students)

ENGL 303: Approaches to English Studies: Bewildering Science (2 Sections - one honors section; 47 Students)

ENGL 481: Senior Seminar: Philip K. Dick (Spring 2022; 18 Students)

ENGL 481: Senior Seminar: Rhetoric of Geology (Spring 2023; 13 students) – included a field experience with a Geology course, funded through a College-level grant.

**Independent Studies (Undergraduate)**

Rhetorics of Scale (Spring 2019: 4 Students)

Rhetoric of Psychology and Insanity (Spring 2022, Bethany Coile)

Law in Literature, Rhetoric, and Film (Spring 2022, Jesse Long)

**Teaching – Pennsylvania State University**

ENGL/CHEM 233: Chemistry and Literature- co-taught and cross-listed with Chemistry (Spring 2015; 20 Students)

ENGL 202C: Technical Writing (3 sections, 70 students; one section online through the World Campus)

ENGL 202D: Business Writing (Fall 2013; 24 Students)

ENGL 15: Rhetoric and Composition(8 sections, 192 Students; one section as Learning Edge Academic Program to aid transition to college.)

**Student Supervision – Texas A&M**

**Graduate Advising**

**Doctoral, Chair**

Gwendolyn Inocencio, estimated completion date, 2025

Jack Love, estimated completion date, 2027.

Eman Hassan, estimated completion date, 2028.

Paris Weber, estimated completion date, 2028.

**Doctoral, Committee Member**

David Dockery, estimated completion date, 2026 (Communications Department)

Hanna Cho, estimated completion date, 2024

Donnie Secreast, estimated completion date, 2024

Sirsha Nandi, estimated completion date, 2024

Jessie Cortez, “Vulnerability and Its Variability: How Exigence is Constructed in Readings of Openness to Disease,” estimated completion date, 2024

Tyler Champine, “Organizing Forms: Alexander Bogdanov on Technology, Economy, and Ideology,” Defended, 2023 (Communications department)

**Masters, Chair**

Jessica Le, “Introspection and Agency in Theories of Propaganda,” defended, Spring 2023.

Gretchen Jerman, “A Departure from Regimented Learning: A Theoretical Call to Revolution in K-12 Schools.” Defended, Spring 2021.

Andrea Orozco, “Caught Between Entertainment and Education: An Evaluation of the Zoo’s Methods for Communicating Conservation.” Defended, Spring 2021.

**Masters, Committee Member**

Kristian Cantens, “Fantasy and the Moral Imagination.” Defended, Fall 2021.

Raiden Sawyer, “The Game is Playing: A rehabilitation and reconfiguration of player agency.” Defended, Spring 2021.

Erika Rodriguez, “Finding Agency: Horror and Resistance in *Pan’s Labyrinth (*2006*)* and *Donnie Darko* (2001). Defended, Spring 2020.

**Undergraduate Theses, Research, and Advising**

**Thesis Director** (Honors), Jesse Long, The Rhetorics of Law and Order, Completed Fall 2022.

**Thesis Director** (Honors)**,** Jackson Greer, “Rhetorical Structure of Plato and Soren Kierkegaard’s View of the Finite and Infinite Self,” Completed in Spring 2020.

**Thesis Director,** Anna Rogers, “Mysticism in Science Fiction: Science Fiction As a Vehicle for Mystical Thought and Experience,” Completed Spring 2019.

**UPREP** (Undergraduate professional and research experience program), Mustafa Al-Nomani, “Rhetorics of Scale.” Spring 2019.

**Thesis Director** (Honors), James McLean Bell, “Social Media and the Changing Identity,” Completed in Spring 2017.

**Service and Activities**

**For the Profession**

Member-at-large, Society for Literature, Science, and the Arts, 2021-2023.

Conference Submission Reviewer, Rhetoric Society of America, 2022.

**For Texas A&M University**

Graduate Director, 2023 – present.

Associate Graduate Director, 2022-2023.

Co-chair, Job search committee in Technical Writing and Social Justice, 2020-2021.

Member, Executive Committee, August 2017-2019, 2022.

Member, Strategic Planning Committee, August 2018-August 2020.

Member, Ad Hoc Development Fund Proposal Committee, Spring 2019.

Member, First-year Review Committee, Fall 2018, 2019, 2020, 2021.

**For The Pennsylvania State University**

Assistant Director, Digital English Studio, 2014-2015.

Outdoor Educator, Adventure Literature Course, 2015.

Incoming Graduate Student Mentor, 2011, 2014.

Co-organizer, Camp Rhetoric Graduate Conference, 2011-2013.

**Conference Panel Organization**

Co-organizer and Chair – Roundtable, “Adventures in Science Writing,” *Modern Language Association,* Philadelphia, PA,2024.

Co-organizer and Chair – Stream of panels (3 panels), “Visions of Scale,” *Society for Literature, Science, and the Arts*, Tempe, AZ. 2023.

Co-organizer and Chair – Roundtable, “On the other side of horror: alternative affects to environmental despair.” *Association for the Literature and the Environment*, Online, 2021.

Co-organizer and Chair– Roundtable: “Democracy after Ecology,” *Rhetoric Society of America*, Minneapolis, MI, 2018.

Co-organizer – Panel: “Higher Powers: Encountering Non-human Scales,” *Society for Literature, Science, and the Arts*, Tempe, AZ, 2017.

**For Journals & Academic Presses**

Journal Manuscript Peer Reviews

*Philosophy and Rhetoric,* 2023

*Rhetoric Society Quarterly*, 2023

*Nature + Culture*, 2022

*Religion and Literature*, 2021.

*Open Cultural Studies*, 2021.

*International Journal of Performing Arts and Digital Media*, 2020.

Book Manuscript Peer Reviews

*Technical Editing*, Oxford University Press, 2018.

**Public Outreach and Media**

Alice in the Archives – Interview for an art and archival exhibit – Cushing Library, Texas A&M. September 2024.

Podcast episode entitled “Dorion Sagan and Joshua DiCaglio on the cosmic challenge of scale” for the University of Minnesota Press Podcasts, September, 2022. https://share.transistor.fm/s/a55b0e6b

Podcast on “Authentic Education” with Arthur Verslius and Richard Doyle, *Heiros Institute*, November 2022. https://hieros.institute/talks-and-podcasts/authentic-education/

Featured on the WikiEdu Blog: “Reading Wikipedia’s Editorial Culture.” February 26, 2020. <https://wikiedu.org/blog/2020/02/26/reading-wikipedias-editorial-culture/>

**Languages**

Sanskrit – Completed Summer Intensive Course at SASLI, University of Wisconsin, Madison, 2017.

Spanish – Intermediate reading, speaking, and writing.