

Stuart Deets

Ph.D. Candidate, University of Minnesota-Twin Cities
(608) 512-7080
Email: deets008@umn.edu

EDUCATION

In progress -- Ph.D., Writing, Rhetoric, & Technical Communication. Minor: Science, Technology, and Environmental Policy. University of Minnesota-Twin Cities, Department of Writing Studies. August 2022-Present. GPA 3.910

MA, Art History. Graduate Minor: Rhetoric of Science & Technical Communication. University of Minnesota-Twin Cities. August 2020. GPA 3.829

BA, Art History (Honors in the Major), English Literature, History. University of Wisconsin-Madison. Spring 2018. GPA 3.588

PUBLICATIONS

Peer-reviewed Journal Articles

Accepted: Deets, S. (2026). A Quantitative, Computational Investigation of *Computers and Composition*: A Novel Approach to Topic Modeling Over Time. *Computers and Composition*.

Deets, S., Baulch, C., Obright, A., & Card, D. (2024). Content Analysis, Construct Validity, and Artificial Intelligence: Implications for Technical and Professional Communication and Graduate Research Preparation. *Journal of Business and Technical Communication*.
<https://doi.org/10.1177/10506519241239951>

Peer-Reviewed Chapters in Edited Collections

Forthcoming: Breuch, L. A. K., Ghmire, A., Bolander, K., Deets, S., Obright, A., & Remcheck, J. (2026). Reconsidering Writing Pedagogy in the Era of ChatGPT: Results of a Usability Study of ChatGPT in Academic Writing. In D. Eyman & N. Ranade (Eds.), *Composing with AI*.

Reviewed Conference Proceedings

Forthcoming: "Using Computational Modeling for Analyzing Social Media Data: A Case Study of r/foodstamps." *Sigdoc ACM Conference Proceedings*. October 2025.

"Accessibility of a COVID-19 interactive display: An evaluation of the Johns Hopkins COVID-19 dashboard." *Sigdoc ACM Conference Proceedings*. October 2023.

Legislative Testimony

Testimony on Geothermal Energy Development in Pennsylvania: Hearing before the House Energy Committee. Barnett, Wayne & Stuart Deets (2025).
https://www.palegis.us/house/committees/committee-archives/archive-file?file=2025_0198_0007_tstmny.pdf.

White papers

Forthcoming: Sharpe, E., Georges, K., Barnett, W., Deets, S., & McFarlan, E. (2025). *Empowering Urban Transformation: Urban Planners and the Essential Role of Community Energy Planning in Creating a Resilient and Decarbonized Future* (p. 24). Cordia Energy.

Deets, S. (2025). *Danish District Heating Excellence: Lessons for US District Energy* (p. 4). Cordia Energy.

Magazine Articles

Schneider, M., & Deets, S. (2025, March). *Meeting the Growing Power Demands of Data Centers In the Age of AI.* *OnRAMP Magazine*, 14–15.

Blog Posts

Deets, S. (2018, August 22). On basketball and art museums: Why seeing yourself on the wall matters -- Minneapolis Institute of Art. *Mia Blog*.
<https://new.artsmia.org/stories/on-basketball-and-art-museums-why-seeing-yourself-on-the-wall-matters>

Invited Guest Post: [*How To Create A More Beautiful Earth: Rhetoric, Materiality and Engagement.*](#) UW-Madison Center for Limnology. 2018.

CONFERENCE PRESENTATIONS

Forthcoming: “Reimagining Thermal Energy Networks through Innovative P3 Models.” *P3 Higher Ed Summit*. Washington, DC. November 2025.

Forthcoming: ““ChatGPT doesn’t have the same nuanced knowledge I do”: An ethnographic case study of AI adoption in a corporate environment.” *Sigdoc ACM*. Lubbock, TX. October 2025.

Forthcoming: “Sickle Cell Disease and Social Justice: Using Community Engaged Pedagogy to Teach Plain Language Principles.” *CPTSC*. Lubbock, TX. October 2025. With Dr. Hazel Green Young as community partner.

“Toads and Communicating around Complexity: Geothermal Permitting at Dixie Meadows.” *Project GEODE (Geothermal Energy from Oil + Gas Demonstrated Engineering) Student Days*. Project InnerSpace and The Society of Petroleum Engineers. Reno, NV. August 2025.

“Pedagogies for Complexity: Teaching and Learning with Complex Information.” *Society for the Communication of Complex Information*. St. Paul, MN. March 2025. Presentation with Alison Obright and KR Bolander.

- “Working within and around the system: Is it still tactical technical communication when it's from an expert?”. *Sigdoc ACM*. Fairfax, VA. October 2024.
Presentation with Catilin Baulch.
- “Public policy pedagogy: Implications of administrative burden for the service course.” *CPTSC*. Menominee, WI. October 2024.
- “ChatGPT and Writing Abundance: Contemplating Writing Futures.” *CCCC*.
Spokane, OR. April 2024.
- “Computational Social Media Data: r/foodstamps and social justice” in Applying Methods for Actionable Social Justice Research. *Society for the Communication of Complex Information*. Norfolk, VA. March 2024.
- “AI, NLP, ML, oh my! A scoping review of computational methods in technical communication and rhetoric.” *Sigdoc ACM*. Orlando, FL. October 2023.
Presentation with Dr. Dan Card, Alison Obright, Caitlin Baulch.
- “Stronger relationships, Stronger programs: Asserting expertise for a generative AI landscape. Creating Opportunities.” *Council for Programs of Technical and Scientific Communication annual conference*, Medical University of South Carolina. September 2023.
- “Felix Gonzalez-Torres’ Environmental Aesthetic: Gender, Salmon, and Love.” *Art and Environmental Justice Symposium*, Pacific Northwest College of Art, November 2019.
- “How To Create A More Beautiful Earth: Rhetoric, Materiality and Engagement.” *Literati*, Madison Undergraduate Society of English, March 2018.

POSTER PRESENTATIONS

- Forthcoming: “Using Computational Modeling for Analyzing Social Media Data: A Case Study of r/foodstamps.” *Sigdoc ACM*. Lubbock, TX. October 2025.
- “Accessibility of a COVID-19 interactive display: An evaluation of the Johns Hopkins COVID-19 dashboard.” *Sigdoc ACM*. Orlando, FL. Orlando 2023.

OTHER PRESENTATIONS

- “Writing Instructors Share their Experiences with Generative AI: A Panel Discussion with Dr. Lee-Ann Breuch and Writing Studies Graduate Instructors.” Panel presentation for UMN Data Science and AI Initiative. With Dr. Lee-Ann Breuch, KR Bolander, Alison Obright, Jessica Remcheck, and Asmita Ghimire. April 29th, 2025.
- “ChatGPT in Classroom environments: Early Adopter Experiences.” Panel presentation at Center for Educational Innovation. September 29th, 2023.
<https://umn-extra-points.blogspot.com/2023/10/chatgpt-in-classroom-environments-early.html>
- “Exploring the Use of ChatGPT in Academic Writing.” Panel presentation at the University of Minnesota Mechanical Engineering department. September 15, 2023. Co-presentation with Dr. Lee-Ann Breuch, KR Bolander, Alison Obright, Jessica Remcheck, Asmita Ghimire.

“ChatGPT & Writing in the Liberal Arts.” Panel presentation at the University of Minnesota. Co-presentation with Dr. Lee-Ann Breuch, KR Bolander, Alison Obright, Jessica Remcheck, Asmita Ghimire. February 27, 2023.

“Cultural Water Studies.” University of Minnesota Water Network. December 16, 2022.

“How the TV Show River Monsters Can Help Us Understand Water.” Water Resources Science Webinar, University of Minnesota — Twin Cities. Cancelled due to COVID-19, October 2021.

PROFESSIONAL EXPERIENCE

Public Policy & External Affairs Fellow, Cordia Energy.
Minneapolis, MN. December 2024-Present

- Influenced Enhanced Geothermal System bill in Pennsylvania by preparing and delivering expert testimony to PA State House Energy Committee
- Drove strategic decision-making and allocation of resources through preparation of actionable white papers, reports, and presentations, including on geothermal energy
- Launched strategic external communications such as news articles to enhance strategic image in growth markets
- Developed legislative tracking and scoring system to monitor strategic opportunities and threats; evaluated lobbyists, consultants, and legislative tracking software against resources to ensure optimized ROI
- Led response to legislative opportunities through participation in Minnesota Thermal Energy Networks working group to ensure strategic presence and recognition for business
- Directed relationship mapping, and stakeholder management and engagement for M&A transactions, strategic products, and greenfield/brownfield projects resulting in 3 winning bids
- Managed external political affairs consultants across multiple teams resulting in signed LOI for >\$100 million anticipated acquisition

Graduate Research Assistant, Professor Dan Card, University of Minnesota.
Minneapolis, MN. May 2023-August 2023.

- Prepared bibliographies on quantitative and computational scholarship in technical writing
- Assisted in qualitative content analysis of Reddit data

Graduate Research Assistant, First Year Writing, University of Minnesota.
Minneapolis, MN. March 2023-May 2023.

- Prepared bibliographies on multimodality in composition for use by department leadership
- Prepared bibliographies on multilingual pedagogy in composition for use by department leadership
- Assisted in planning First Year Writing celebration day

Graduate Instructor, Department of Writing Studies, University of Minnesota. Minneapolis, MN. September 2022-Present.

- Taught WRIT1301: First Year Writing
- Taught 3562W: Technical & Professional Writing

Co-Editor, Cultural Water Studies. www.culturalwaterstudies.com. Spring 2021-2024.

- Co-founded Cultural Water Studies as a hub for understanding the cultural dimensions of water
- Created & designed the website and the submission process

Teaching Assistant, Department of Art History, University of Minnesota. Minneapolis, MN. September 2018-May 2021.

- Selected courses: The Age of Curiosity: Art, Science & Technology in Europe 1400-1800; Introduction to Asian Art (Writing Intensive); Why Art Matters (Writing Intensive); Art of Islam (Writing Intensive), Art of the Film (Writing Intensive)
- Trained in how to teach undergraduate writing

CREATE Scholar, University of Minnesota-Twin Cities, Supervisor: Dr. Fayola Jacobs and Dr. Bonnie Keeler. January 2020-August 2020

- Took class on engaged, community-driven, and ethical research
- Gained skills in GIS, census data, and Esri Storymaps platform
- Created community-driven research products with Pillsbury United Communities on gentrification and vacant land development in Minneapolis
- Engaged in qualitative research with UrbaneDrK Consulting on evaluating creative city-making in a time of crisis

Program Assistant, Weisman Art Museum. Supervisor: Katie Covey. Minneapolis, MN, August 2018-May 2020

- Assisted with managing the WAM Collective (student group that conducts its own programming)
- Planned community and student-driven events that attracted 2500 students to the museum

Writing Fellow, University of Wisconsin-Madison. Supervisor: Emily Hall. September 2017-May 2018

- Trained in writing pedagogy, peer feedback, and peer conferencing
- Gave peer feedback on essays and conferenced with individual students

RELEVANT VOLUNTEER EXPERIENCE

President, Twin Cities Rotary Eco-Club. May 2019-June 2023.

- Organized service events for the club focused on the environment, equity, and sustainability

- Planned and executed a year-long partnership with the Freshwater Society focusing on clean water

Secretary, Midwest Association for Camp Conservation, Madison, WI. August 2018-June 2022.

- Co-founded a 501(c)3 non-profit to advocate for more sustainable land and water conservation practices on lands held by Samoset Council (Tesomas Conservation Foundation)
- Received over \$15k in grant funding for a boardwalk & the creation of educational signs

COURSES TAUGHT

WRIT3562W: Technical and Professional Writing | Writing Intensive Credit

Introduces students to Technical and Professional Writing as a discipline and practice. Expands students written and oral communication skills in engineering, technological, and scientific contexts with an emphasis on social, ethical, and practical problem-solving.

WRIT1301: First Year Writing

Introduces students to University writing as a practice, as well as writing fundamentals through literacy narratives, project proposals, essays, and multi-media formats, such as podcasts and videos.

FUNDED PROJECTS

University of Minnesota — Twin Cities. James I. Brown Graduate Award in Rhetoric & Public Engagement. Summer 2025.

University of Minnesota — Twin Cities. Diversity, Equity, and Inclusion Summer Research Fellowship. Summer 2024.

Culture of Water, Water Circle, UMN Water Council. 2021-2023.

“Bread, Salt, Wine & Art.” Center for the Humanities, UW-Madison. Advised by Jamila Siddiqui. Spring 2017.

- Directed a project where high school students created paintings on the theme of home that would be put into homes built by Habitat for Humanity: Dane County
- Around 50 canvases were painted, enough for a painting in every home built for three years
- Managed a \$2000 budget for materials and supplies
- Documented the process culminating in a capstone writing project

SERVICE

Ph.D. Student Representative, Department of Writing Studies (AY 2024-2025)

6 letters of recommendation for admission to college (2023-2025)

PHOTOGRAPHY EXHIBITIONS

“A More Beautiful Art for a More Beautiful Earth,” UW-Limnology Lab, Madison, WI.
February-April 2018.

“Our Beautiful Earth,” Babette Travel, Madison, WI. April 2018.

“2018 Digital Salon Exhibition,” UW Digital Salon, Madison, WI. April-July 2018.

HONORS AND AWARDS

RSTC Graduate Service & Leadership Award Nominee, March 2024.

SIGDOC ACM Student Research Competition Travel funding winner, October 2023.

Graduate Changemakers Lab Cohort Member, Fall 2019-Spring 2020.

Joesph Ruzicka and Susan Fancher Art History Leadership Award Winner. May
2018.

Eagle Scout, Boy Scouts of America. December 2013.