

# CHRIS A. LINDGREN

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## Education

University of  
Minnesota  
Writing Studies

North Dakota  
State University  
English

Ph.D. in Rhetoric and Scientific and Technical Communication, 2017

M.A. in Composition Studies, 2012  
B.A. in English Studies, 2004

## Appointments

North Carolina  
State University,  
English

Assistant Professor of Technical Communication  
Fall 2024 – present

Virginia Tech,  
English

Assistant Professor of Technical Communication and Data Visualization  
Fall 2017 – Spring 2024

## Publications

in-progress  
book

(Querying Presses). Justice-Centered Data Design in Technical and Professional Communication. (tentative title)

articles

(Accepted with minor revisions). Dylan Paisaq Itchuaqiyaq, Lucy Aviññaq Boyd, Cana Uluak Itchuaqiyaq, **Chris Lindgren**, Kara Long, Andi Ogier, Erin Yunes. To be REAL: How Indigenous community members engage the CARE Data Principles. Invited to contribute to special issue on “Indigenous Data Sovereignty & Governance.”

chapters

(Preparing manuscript). Methods for collecting and analyzing big data about social media. In E. Kalodner-Martin, M. Trice, and J. Frith, (Eds.), *The Routledge Handbook of Social Media and Technical and Professional Communication*. Invited to contribute.

refereed  
articles

Kara Long, Cana Uluak Itchuaqiyaq, **Chris Lindgren**, Andi Ogier, Lucy Aviññaq Boyd, and Dylan Paisaq Itchuaqiyaq. (2025). Reimagining archives in the age of AI: A decolonial and relational approach. *Technical Communication Quarterly*, 34(3). doi: [10.1080/10572252.2025.2490506](https://doi.org/10.1080/10572252.2025.2490506).

**Chris Lindgren**, Erin Yunes, and Cana Uluak Itchuaqiyaq. (2025). Technical communication's fight against extractive large language modeling by applying FAIR and CARE principles of data. *Journal of Business and Technical Communication*, 39(1). doi: [10.1177/10506519241280587](https://doi.org/10.1177/10506519241280587).

(2024). A stasis network methodology to reckon with the rhetorical process of data: How a data team qualified meaning and practices. *Technical Communication Quarterly*, 33(4), 475-500. doi: [10.1080/10572252.2024.2306259](https://doi.org/10.1080/10572252.2024.2306259)

Cana Uluak Itchuaqiyaq, **Chris Lindgren**, and Corina Kramer. (2023). Decolonizing community-engaged research: Designing partnerships with cultural humility and community-serving engagement. *Communication Design Quarterly*, 11(3), 12-20. doi: [10.1145/3592367.3592369](https://doi.org/10.1145/3592367.3592369).

**Chris Lindgren** and Margaret Fernandes. (2022). Building an infrastructural praxis: Understanding Twitter's embeddedness in the U.S.-Mexico Border. *Reflections: A Journal of Community-Engaged Writing and Rhetoric*, 22(1), 166-207. <https://reflectionsjournal.net/2022/08/building-an-infrastructural-praxis-understanding-twitters-embeddedness-in-the-u-s-mexico-border/>

Jim Ridolfo, William Hart-Davidson, and **Chris Lindgren**. (2022). 'Hello is this the writing center?' Illicit paper mill activity and the compromised recomposition of university websites. *Kairos*, 26(2). [https://praxis.technorhetoric.net/tiki-index.php?page=PraxisWiki:\\_PaperMills](https://praxis.technorhetoric.net/tiki-index.php?page=PraxisWiki:_PaperMills).

(Jan. 2021). Facts upon delivery: What is rhetorical about visualized models? *Journal of Business and Technical Communication*, 35(1), 65-72. doi: [10.1177/1050651920958499](https://doi.org/10.1177/1050651920958499).

(Jan. 2021). Writing with data: A study of coding on a data-journalism team. *Written Communication*, 38(1), 114-162. doi: [10.1177/0741088320968061](https://doi.org/10.1177/0741088320968061).

Jim Ridolfo and **Chris Lindgren**. (2020). Rhetmap.org: Composing data for future re-use and visualization. *Kairos*, 28(1). [https://praxis.technorhetoric.net/tiki-index.php?page=PraxisWiki:\\_rhetmap](https://praxis.technorhetoric.net/tiki-index.php?page=PraxisWiki:_rhetmap).

chapters **Chris Lindgren**, Julie Gerdes, and Halcyon Lawrence. (2025). The future of ethics and social justice. In Ross, Derek (Ed.), *Routledge Handbook of Ethics in Technical and Professional Communication* (pp. 420-430). Routledge. doi: [10.4324/9781003434375-46](https://doi.org/10.4324/9781003434375-46).

Kevin Brooks and **Chris Lindgren**. (2015). Responding to the coding crisis: From 'Code Year' to computational literacy. In L. C. Lewis, (Ed.), *Strategic Discourse: The Politics of (New) Literacy Crises*. Salt Lake City, UT: Computers and Composition Digital Press. <http://ccdigitalpress.org/strategic/index.html>.

Kevin Brooks, **Chris Lindgren**, and Matthew Warner. (2015). Tackling a fundamental problem: Using digital labs to build a smarter computing culture. In B. Hart-Davidson & J. Ridolfo, (Eds.), *Rhetoric and the Digital Humanities*. Chicago, IL: University of Chicago Press.

proceedings

Byron Hawk, **Chris Lindgren**, and Andrew Mara. (2015). Utopian laptop initiatives: From technological deism to object-oriented rhetoric. In Sidney Dobrin, (Ed.). *Writing Posthumanism, Posthuman Writing*. Anderson, SC: Parlor Press.

**Chris Lindgren**, Morgan Banville, and Elena Kalodner-Martin. (2023). Extended Abstract: Show your work! Three qualitative methodologies to revise and reimagine quantitative work as communication design. In *Proceedings of the 41st International Conference on Design of Communication (SIGDOC'23)*. ACM.

Laura Gonzales, Cana Itchuaqiyaq, Corina Kramer, **Chris Lindgren**, Suban Cooley, Daniel P. Richards, Emma Rose, & Kellie Sharp-Hoskins. (2022, July). Extended Abstract: UX in/as political renegotiation. In *2022 IEEE International Professional Communication Conference (ProComm)* (pp. 453-455). IEEE.

Sweta Baniya, Les Hutchinson, Ashanka Kumari, Kyle Larson, and **Chris Lindgren**. (2019). Representing diversity in digital research: Digital feminist ethics and resisting dominant normatives. In C. Chen, K. Purzycki, & L. Wilkes (Eds.), *The Proceedings of the Annual Computers and Writing Conference*. Fort Collins, CO: WAC Clearinghouse. <https://wac.colostate.edu/resources/wac/proceedings/cw2018/>.

digital  
humanities

Chris Lindgren, Daksh Pratap Singh, and Lucy Aviññaq Boyd. (2025). Pakak: A mobile-texting application to conduct sustainable and engaging community-led digital archiving via mobile texting campaign services.

- Funded by 2025-2026 NCSU CHASS Research Seed Grant
- Developed for The Rematriation Project's partner organization, Aqqaluk Trust, so they could test a new tool for sustainable community-led digital archiving
- Code: Private repo until community partners decide licensure.

(2025). Rhetmap Dashboard (rmdash). Affiliated with rhetmap.org.

- Live version: <https://rmdash.netlify.app/>
- Code doi: 10.5281/zenodo.15182199

(2023). Citation Politics in Writing & Rhetoric Prototype Dashboards.

- Funded by CCCC Research Initiative Grant
- Demo 1: Focuses on community-detected networks
  - Live version: <https://swr-network.netlify.app>
- Demo 2: Experiments with intersectional analysis
  - Code doi: 10.5281/zenodo.15237261
  - Live version: <https://lingeringcode.pythonanywhere.com/>

(2020). Name That Twitter Community!: A Python module for humanities researchers. *Reviews in DH*, 1(2).

- Python Package Library [PYPL Stats](#)
- doi: [10.21428/3e88f64f.1302b7aa](https://doi.org/10.21428/3e88f64f.1302b7aa)

(2020). askcomm. Zenodo.org [Open Science platform].

- Python Package Library [PYPL Stats](#)
- Code doi: [10.5281/zenodo.8137267](https://doi.org/10.5281/zenodo.8137267)

(2020). evekeys. Zenodo.org [Open Science platform].

- Python Package Library [PYPL Stats](#)

- Code doi: [10.5281/zenodo.8137283](https://doi.org/10.5281/zenodo.8137283)

(2020). urlcounter. Zenodo.org [Open Science platform].

- Python Package Library [PYPL Stats](https://pypi.org/project/urlcounter/)
- Code doi: 10.5281/zenodo.8137277

*book reviews*

(2013). BASIC coding cultures. Review of the book 10 PRINT CHR\$(205.5+RND(1)); : GOTO 10, by N. Montfort, P. Baudoin, J. Bell, I. Bogost, J. Douglass, M. C. Marino, M. Mateas, C. Raes, M. Sample, & N. Vawter. *Enculturation*, 16. <https://enculturation.net/10-print>

*non-refereed*

Chris Lindgren, Jim Ridolfo, & William Hart-Davidson. (Jan. 2022). Addendum to [Paper Mill] RhetCompromised: Applicability to Canada. *Rhet Ops: Rhetoric and Information Warfare*. [Blog / Report]. <http://www.rhetops.org/canada/>

Jim Ridolfo, William Hart-Davidson, & Chris Lindgren. (Mar. 2021). Addendum to [Paper Mill] RhetCompromised: Applicability to Australia. *Rhet Ops: Rhetoric and Information Warfare*. [Blog / Report]. <http://www.rhetops.org/rhetcompromised/australia/>

Chris Lindgren, Jim Ridolfo, & William Hart-Davidson. (Aug. 2021). Addendum to [Paper Mill] RhetCompromised: Applicability to United States. *Rhet Ops: Rhetoric and Information Warfare*. [Blog / Report]. <http://www.rhetops.org/august/>

(22 Aug. 2016). Exploring #RSA16 Twitter data. *The Coalition of Feminist Scholars in the History of Rhetoric and Composition*. <https://cfshrc.org/inventing-new-ways-with-twitter-data/>

(30 Jun. 2015). Interview with digital rhetorician Estee Beck on algorithmic surveillance. *Institute of Advanced Study: CodeWork Collaborative*. University of Minnesota. [https://umncodework.github.io/past\\_events/codework-interview-beck-digrhet-surveillance/](https://umncodework.github.io/past_events/codework-interview-beck-digrhet-surveillance/)

(15 Jun. 2015). Interview with new media artist Daniel Temkin on esolangs. *Institute of Advanced Study: CodeWork Collaborative*. University of Minnesota. [https://umncodework.github.io/past\\_events/codework-interview-temkin-esolangs/](https://umncodework.github.io/past_events/codework-interview-temkin-esolangs/)

## Presentations

*invited*

Guest lecture. (2023 Nov. 7). Discussing topics and issues in the subfield of Writing and Rhetorics of Code. John Gordon's multi-disciplinary undergraduate course, "Code Studies." Utah State University.

Guest lecture. (2023 Sep. 5). Discussing social media data collection, network analysis, and my article, "Building an Infrastructural Praxis." Jacob Greene's graduate-level course, "Digital Research Methods." Arizona State University.

Keynote address. Jim Ridolfo, William Hart-Davidson, and Chris Lindgren. (20 Oct. 2021). Tracking illicit 'paper mill' activity and the compromised recomposition of university websites. *International Center for Academic Integrity's International Day of Action Against Contract Cheating*. University Ombuds, Michigan State University.

Guest lecture. (2021 Apr. 14). Discussing my article, "Writing with data." John Gallagher's "Writing with Technologies" undergraduate course. University of Illinois-Urbana-Champaign.

Guest lecture. (2018 Feb. 6). Discussing rhetoric, code and software studies. "Rhetoric, Technology, and the Internet" undergraduate course, University of Minnesota-Twin Cities.

(Nov. 2018). Writing with data: A case of a coder's data sense on a data-journalism team. *STS Seminar*. Department of Science, Technology, and Society, Virginia Tech.

(Jan. 2016). Code literacy. *Critical Code Studies Working Group* (Online, dialogic conference). The Humanities and Critical Code Studies Lab, University of Southern California.

(Oct. 2014). The dynamic materialities of computer programming practices. ACM SIGDOC. Colorado Springs, CO.

(Mar. 2014). Critical code studies roundtable. *Digital Arts, Sciences, and Humanities*. University of Minnesota: Digital Library Services.

conferences  
Lucy Aviññaq Boyd, Chris Lindgren, Andi Ogier, and Kara Long. (Apr. 2026). To be REAL: How Indigenous community members engage the CARE Data Principles. *U.S. Indigenous Data Sovereignty Summit*. Tucson, AZ.

Kara Long, Andi Ogier, and Chris Lindgren. (Mar. 2026). The Rematriation Project: Building partnerships to support community archives. *Alaska Library Association Conference 2025*. Sitka, AK.

(Apr. 2025). Remixing writing pedagogies with writing code and data through exploratory data analysis. NCTE CCCC. Baltimore, MD. doi: [10.5281/zenodo.15178056](https://doi.org/10.5281/zenodo.15178056).

(Oct. 2024). Technical Communication's fight against extractive large language modeling by applying FAIR and CARE principles of data. *Panel: Staying in the Loop: Data, Modeling, and Prompting as Sites of AI/ML Intervention*. ACM SIGDOC. Arlington, VA.

Cana Uluak Itchuaqiyaq, Chris Lindgren, Andi Ogier, and Dylan Paisaq Crosby. (Apr. 2024). Supporting Indigenous Data Sovereignty through Community-led Partnerships: The Rematriation Project. *U.S. Indigenous Data Sovereignty Summit*. Tucson, AZ.

(Mar. 2024). How to identify recurrent conflicts and issues during quantitative work with a Stasis Network methodology. Symposium on Communicating Complex Information. Old Dominion University, Norfolk, VA.

(Oct. 2023). Show your work! Three qualitative methodologies to revise and reimagine quantitative work as communication design. ACM SIGDOC. Orlando, FL.

Cana Uluak Itchuaqiyaq, Kara Long, Chris Lindgren, Erin Yunes, Corina Kramer. (24 Feb 2023). The Rematriation Project: Developing a collaborative, equitable, Indigenous-

- first digital archive design process. *Arctic Science Summit Week*. Vienna, Austria.
- Cana Uluak Itchuaqiqaq, Chris Lindgren, & Corina Kramer. (Jul. 2022). Enacting Equitable UX in Community-Engaged Rematriation Research. *IEEE ProComm*. Limerick, Ireland.
- Sweta Baniya, Chris Lindgren, Kevin Smith, Steve Parks, and Laura Gonzales. (Mar. 2022). The white supremacy of academic scholarship: A data analysis of Composition/Rhetoric top journals and the denial of equity. *NCTE CCCC*. Chicago, IL.
- Lindgren, Chris & Margaret Fernandes. (Jun. 2021). The when of racialized infrastructure: Proximities of white supremacy on Twitter. *ATTW*. Online.
- Lindgren, Chris & Margaret Fernandes. (Mar. 2020). Proximities of white supremacy online: Towards measuring racist discourse to engage content moderation problems. *ATTW*. Milwaukee, WI. [Conference cancelled]
- (Mar. 2019). Ethical tactics for coding literacy. *NCTE CCCC*. Pittsburgh, PA.
- (May 2018). Invention and quantification: Finding stories with digital data. *Rhetoric Society of America*. Minneapolis, MN.
- Baniya, Sweta G., Hutchinson, Les, Kumari, Ashanka, Larson, Kyle & Chris Lindgren. (May 2018). Roundtable on Representing diversity in digital research: Digital feminist ethics and resisting dominant normatives. *Computers & Writing*. Fairfax, VA.
- (Feb. 2018). Finding stories with data through computer coding. *Symposium on Communicating Complex Information*. East Carolina University, Greenville, NC.
- (Sep. 2016). Understanding big data processing as designing provisional texts. *ACM SIGDOC: Student Research Competition*. Silver Springs, MD.
- (May 2016). How do you know what they are doing? Researching the rhetorics of action and procedure with an embodied and distributed methodology. *Rhetoric Society of America*. Atlanta, GA.
- (Oct. 2015). Writing practices anchored by links. *WIDE-EMU*. Michigan State University, East Lansing, MI.
- (May 2014). Swapping gender and negotiating differences through data structures. *Rhetoric Society of America*. San Antonio, TX.
- Christina Haas & Chris Lindgren. (February 2014). Panel co-respondent. The material turn in Writing Studies. *Writing Across Borders III*. Paris, France.
- (Oct. 2013). The rhetorical influence of Google's ecosystem of APIs on web developer practices. *Western States Rhetoric & Literacies*. Salt Lake City, UT.
- (Apr. 2013). The performative stylistics of glitching video codecs. *Doing Rhetoric at the U*. Minneapolis, MN.

(Mar. 2013). Building a smarter computing culture with proceduracy. NCTE CCCC. Las Vegas, NV.

(Dec. 2012). De-boxing Pandora: Tinkering with glitch art methodologies. GLI.TC/H. Chicago, IL.

Kevin Brooks, Chris Lindgren, Emily Bartz & Jade Sandbulte. (Nov. 2012). The technosocial politics of the Sugar OS: An afterschool computer program case study." *Great Plains Alliance for Computers and Writing*. Mankato, MN.

Kevin Brooks & Chris Lindgren. (May 2011). Participating in OLPC: Visions for Computers and Writing. *Computers and Writing*. University of Michigan.

Chris Lindgren, Abigail Bakke, Sreerupa Sengupta & Karen Sorenson. (October 2010). Second Life and Writing in the Design Professions. *Great Plains Alliance for Computers and Writing*. North Dakota State University.

## Awards & Fellowships

awards won

- 2025 CCCC Technical and Scientific Communication Award for Best Article on Philosophy or Theory of Technical or Scientific Communication
  - Article: "Decolonizing Community-Engaged Research: Designing CER with Cultural Humility as a Foundational Value" co-authored with Cana Uluak Itchuaqiyaq and Corina Qaaġraq Kramer
- 1<sup>st</sup> Place. 2016 Student Research Competition. Understanding big data as designing provisional texts: A case of how an aggregate narrative was made. Poster and presentation judged at *Special Interest Group on the Design of Communication*.

nominations

- 2026 CCCC Technical and Scientific Communication Award for Best Article Reporting Historical Research or Textual Studies in Technical or Scientific Communication
  - Article: "Technical Communication's Fight Against Extractive Large Language Modeling by Applying FAIR and CARE Principles of Data" co-authored with Erin Yunes and Cana Uluak Itchuaqiyaq
  - Nominated by the editors of the *Journal of Business and Technical Communication*

fellowships

- 21<sup>st</sup> Century Summer Research Fellow. (Summer 2016). Department of Writing Studies and Graduate School, University of Minnesota.
- Graduate Research Partnership Program Fellow. (Summer 2015). Department of Writing Studies and Graduate School, University of Minnesota.
- RSA Social Media Fellow. (May 2014). Rhetoric Society of America.
- James I. Brown Fellow. (Summer 2014). Department of Writing Studies, University of Minnesota.
- Medtronic/Industrial Affiliates Program Fellow. (Spring 2014). Department of Writing Studies, University of Minnesota and Medtronic.
- James I. Brown Fellow. (Spring 2013). Department of Writing Studies, University of Minnesota.

## Grants

Total funded  
\$365,732  
external  
funded  
\$314,992

### The Rematriation Project

- Developing Community Archiving Capacities in Northwest Alaska. Institute of Museums and Library Services, Laura Bush 21st Century Librarian Program.
  - Principal investigators: *Cana Itchuaqiyaaq, Andi Ogier, Kara Long, Chris Lindgren, Lucy Aviññaq Boyd*
  - Submitted Date: 09/2024
  - Grant total: \$239,742
  - Subaward through Aqqaluk Trust: \$5,000
- Wilburforce Foundation
  - Principal investigators: *Cana Uluak Itchuaqiyaaq, Chris Lindgren*
  - Start date: 09/01/2022
  - \$5,000
- Trust for Mutual Understanding
  - Principal investigators: *Cana Uluak Itchuaqiyaaq, Chris Lindgren*
  - Start date: 8/24/2022
  - \$17,000
- NorthLight Foundation
  - Principal investigators: *Cana Uluak Itchuaqiyaaq, Chris Lindgren*
  - Start date: 08/09/2022
  - \$10,000
- Ocean Conservancy
  - Principal investigators: *Cana Uluak Itchuaqiyaaq, Chris Lindgren*
  - Start date: 06/01/2022
  - \$25,000
- Trust for Mutual Understanding
  - Principal investigators: *Cana Uluak Itchuaqiyaaq, Chris Lindgren*
  - Start date: 12/20/2021
  - \$15,750

### The White Supremacy of Academic Scholarship: A Data Analysis of Composition/Rhetoric Top Journals and the Denial of Equity.

- CCCC Research Initiative Grant.
  - Principal investigators: *Sweta Baniya, Chris Lindgren, Kevin Smith, Steve Parks, and Laura Gonzales*
  - Start date: Summer 2022
  - \$2,500

not funded

- Developing Community Archiving Capacities in Northwest Alaska. *National Geographic Society, Enduring Impacts: Archaeology of Sustainability.*
  - Leader: *Kara Long*
  - Local Collaborator: *Lucy Aviññaq Boyd*
  - Members: *Andi Ogier, Chris Lindgren, Erin Yunes, Cana Uluak Itchuaqiyaaq*
  - Date range: 10/01/2025 - 09/30/2027
  - Grant total: \$247,362
  - Subaward Total: \$5,000
- Developing Community Archiving Capacities in Northwest Alaska. *Henry Luce Foundation, Indigenous Knowledge Program.*

- Principal investigators: Cana Uluak Itchuaqiyaq, Lucy Aviññaq Boyd
  - Investigators: Andi Ogier, Kara Long, Chris Lindgren
  - Submitted date: 04/2025
  - Grant total: \$239,742
- 2020 Anti-Racist Programs and Pedagogies Grant Award. Council for Programs in Technical and Scientific Communication.
  - Main applicant: Amilia Evans
  - Co-Applicant: Chris Lindgren
  - \$2,000
- internal funded  
\$50,740
  - Experiencing community archives through mobile texting. *Research Seed Grant*. NCSU CHASS.
    - Principal investigator: Chris Lindgren
    - Date range: 05/15/2025 - 05/15/2026
    - \$3,740
  - What visualization and documentation strategies do data scientists use during machine-learning projects? *First-Year Fralin Undergraduate Research Fellowship Program*. Fralin Life Sciences Institute, Virginia Tech.
    - Principal investigator: Chris Lindgren
    - Start date: 01/2023-05/2023
    - \$1,500
  - Planning the Digitization of the Caleb Pungowiyi Collection. *University Libraries Collaborative Research Grant for Humanities & Social Sciences*. University Libraries, Virginia Tech.
    - Principal investigators: Cana Uluak Itchuaqiyaq, Chris Lindgren, and Mike Adamo
    - Date range: 01/18/2022 - 01/17/2023
    - \$5,000
  - Summer Stipend. Department of English, Virginia Tech.
    - Date range: May 2021 - August 2021
    - \$5,000
  - Center for Humanities Summer Stipend. Proximities of white supremacy online: Towards measuring racist discourse to engage content moderation problems. *Center for Humanities, Virginia Tech*.
    - Date range: May 2020 - August 2020
    - \$4,000
  - Faculty Mentoring Grant. Office of the Executive Vice President and Provost, Faculty Affairs, Virginia Tech.
    - Date range: Fall 2018 - Spring 2019
    - \$1,500
  - CodeWork: Exploring Digital Studies through code. *Institute for Advanced Study: Research and Creative Collaborative*, University of Minnesota.
    - Principal investigators: Justin Schell, Chris Lindgren, Alison Link, and Jeffrey Kerzner
    - Date range: Fall 2014 - Spring 2015

- \$10,000
- Sugar on a Stick: Establishing a Smart Computing Culture in Fargo. *Community Projects Award: NDSU Office of the President.*
  - *Principal investigators: Kevin Brooks, Brian Slator, and Chris Lindgren*
  - *Date range: Fall 2011 – Spring 2012*
  - \$20,000
- not funded*
  - What are programming languages?' Research Survey. Center for Humanities Summer Stipend. Center for Humanities, Virginia Tech.
    - *Start date: Summer 2019*
    - \$4,000
  - Niles Grant. College of Liberal Arts & Human Sciences, Virginia Tech.
    - *Start date: Summer 2019*
    - \$4,000
  - Niles Grant. College of Liberal Arts & Human Sciences, Virginia Tech.
    - *Start date: Fall 2017*
    - \$4,000

## Community Outreach

*roles*

- Partner. The Iñupiatun Language Access Project. Aqqaluk Trust, Virginia Tech, and North Carolina State University. (2025 – current).
- Partner. The Rematriation Project. Aqqaluk Trust, Virginia Tech, and North Carolina State University. (2021 – current).
- Co-Founder. "Sugar on a Stick" Computational Coding Afterschool Program for Grades 3-5, Fargo, ND (2010-2013). Co-Partnered with Sugar Labs.  
[https://wiki.sugarlabs.org/go/Sugar\\_on\\_a\\_Stick](https://wiki.sugarlabs.org/go/Sugar_on_a_Stick)

## Workshops & Symposiums

*national  
invited*

Chris Lindgren & Dan Richards. (Oct. 2024). 'Does SIGDOC Need a New Logo?': An Exploration of Visual Rhetoric, Ethics, and Identity. ACM SIGDOC. George Mason U, Fairfax, VA.

Chris Lindgren, Marissa Buccilli, & Amilia Evans. (29 Jun. 2022). Socially Just Content Strategy. Association of Teachers of Technical Writing. Online-Only.

*planned /  
coordinated*

(11 Nov. 2022). Webscraping with Python! - Part 1 – The legalities and ethics of web scraping as a data collection method. SIGWROC. <https://sigwroc.github.io/wroc-web-scraping-series/1-overview-setup/index.html>.

(15 Apr. 2015). Ethics of codework - Parsing ethical responsibilities: Drs. James Brown, Jr. and Phillip Barry. CodeWork Collaborative. Institute of Advanced Studies, University of Minnesota. [https://umncodework.github.io/past\\_events/codework-event-on-rhetoric-writing/](https://umncodework.github.io/past_events/codework-event-on-rhetoric-writing/).

(24 Oct. 2014). The rhetorics of code-work and programming as writing. Special Panel

of interdisciplinary scholars: Drs. Annette Vee, Cristina Videira Lopes & Krista Kennedy. *CodeWork Collaborative*. Institute of Advanced Studies, University of Minnesota. [https://umncodework.github.io/past\\_events/codework-event-on-rhetoric-writing/](https://umncodework.github.io/past_events/codework-event-on-rhetoric-writing/).

(Feb.-Mar. 2014). 'Genderswapping' or 'misgendering'? A question of 'Jailbreaking the Patriarchy'. *Critical Code Studies Working Group (discussion thread leader)*. The Humanities and Critical Code Studies Lab, University of Southern California.

*regional*

*planned / coordinated*

Allison Link, Justin Schell, Chris Lindgren, & Jeffrey Kerzner. (18 Apr. 2015). *CodeWork Unconference + Hackathon*. *CodeWork Collaborative*. Institute of Advanced Studies, University of Minnesota. <https://github.com/UMNCodeWork>.

Allison Link, Justin Schell, Chris Lindgren, & Jeffrey Kerzner co-hosted with Girls in Tech MSP (Minneapolis). (31 Mar. 2015). *Coffee and Code with CodeWork & GiTMSp*. *CodeWork Collaborative*. Institute of Advanced Studies, University of Minnesota. Available at [https://umncodework.github.io/past\\_events/coffee-and-code-with-girlsintech/](https://umncodework.github.io/past_events/coffee-and-code-with-girlsintech/).

Allison Link, Justin Schell, Chris Lindgren, & Jeffrey Kerzner co-hosted with Code for America's local affiliate group, Open Twin Cities. (26 Feb. 2015). *CodeWork/Open Twin Cities February Book Club: "Should all government data be made publically accessible?"* *CodeWork Collaborative*. Institute of Advanced Studies, University of Minnesota. Available at [https://umncodework.github.io/past\\_events/february-book-club/](https://umncodework.github.io/past_events/february-book-club/).

*departmental*

(25 Nov. 2024). Panelist. Reading Job Ads and Preparing a CV. Communication, Rhetoric & Digital Media Program, North Carolina State University.

(Apr. 2024). Panelist. Industry Skills for the 21<sup>st</sup> Century. Department of English & Distinguished Alumni Board, Virginia Tech.

(Jan 2023). Coordinator. Mock job talk for advisee (Marti Wagnon). Virginia Tech, Department of English.

(Fall 2021). Mock Interviewer. Mock job interview workshop. Department of English, Virginia Tech.

(Fall 2020). Panelist. Alternative Academic Career Workshop and Q&A. *Rhetoric & Writing*. Department of English, Virginia Tech.

(May 2019). Project management: On scaffolding investment & accountability during team projects. *Professional & Technical Writing Summer Workshop*. Department of English, Virginia Tech.

Co-designed with guest scholar Dr. Cheryl Geisler. (Nov. 2018). Analytical coding workshop. Center for Rhetoric in Society, Virginia Tech.

(Oct. 2018). Mock Interviewer. Mock job interview workshop. Department of English, Virginia Tech.

(Oct. 2017). Reviewer. Resume workshop. Department of English, Virginia Tech.

(May 2016). DITA and writing with content reuse in mind. *Advanced Writing Symposium*. University of Minnesota-Twin-Cities, Department of Writing Studies.

(Dec. 2014). Setting up your online portfolio website & basic HTML and CSS. *Professional Development Workshop Series*. University of Minnesota-Twin-Cities, Department of Writing Studies.

(Oct. 2014). Constructing your professional web presence. *Professional Development Workshop Series*. University of Minnesota-Twin-Cities, Department of Writing Studies.

Chris Lindgren & Rebecca Hayes. (Oct. 2011). Seeing and constructing visual arguments in online spaces. *Innovation in the Composition Classroom: Ways to Incorporate Digital Tools*. North Dakota State University.

(Aug. 2011). The GeoProfile Project: Stories cutting across maps. *English Department Teachers Orientation Workshop*. North Dakota State University.

(Aug. 2010). Online writing spaces with Weebly.com. *English Department Technologies Workshop*, North Dakota State University.

## Public Coverage

Press      Universities warned over online 'cheating hacks.' (14 Apr. 2021). *The Australian*.  
<https://www.theaustralian.com.au/higher-education/universities-warned-over-online-cheating-hacks/news-story/22a0e81a298a5fe0cc51b855c0835c16>

Essay mills 'infiltrating university websites.' (31 Mar. 2021). Times Higher Education.  
<https://www.timeshighereducation.com/news/essay-mills-infiltrating-university-websites>

Cheating companies hacked websites at MIT, Stanford, Columbia and more than 100 other schools. (25 Feb. 2021). *Forbes.com*.  
<https://www.forbes.com/sites/dereknewton/2021/02/25/cheating-companies-hacked-websites-at-mit-stanford-columbia--and-more-than-100-other-schools>

Learning sweetly: Madison students get a screenful of Sugar program. (27 Mar. 2012). *InForum*. <https://www.inforum.com/news/3014953-learning-sweetly-madison-students-get-screenful-sugar-program>

Other      Woods, Charles. (6 Dec. 2021). Interview about 'Hello is this the writing center?' paper mill research. *The Big Rhetorical Podcast*, Ep. 86. <https://anchor.fm/the-big-rhetorical/episodes/Episode-86-Drs--Bill-Hart-Davidson--Jim-Ridolfo---Chris-Lindgren-e1baj4o>

Integrity Unit. (9 Apr. 2021). Advisory Statement: Cyber security concerns – commercial cheating services. Tertiary Education Quality and Standards Agency.  
<https://www.teqsa.gov.au/advisory-statement-cyber-security-concerns->

## Teaching

North Carolina  
State University

Spring 2026

- Analysis of Verbal Data (ENG 506/798)
- Writing in Nonacademic Settings (ENG 522)
- Advanced Technical Writing & Editing (ENG 517)
- Special Topics: Justice-Centered Data Design in the Humanities (ENG 498/583)
- Technical Document Design & Editing: Accessible Design & Plain Language (ENG 314)
- Advanced Technical Writing & Editing (ENG 517)

Virginia Tech  
Spring 2024

- ENGL 3814 Creating User Documentation
- ENGL 4814 Developing Online Content: Accessibility-Driven Web Design
- ENGL 3844 Writing & Digital Media: Writing with Large Language Models
- ENGL 4814 Developing Online Content: Accessibility-Driven Web Design
- ENGL 4814 Developing Online Content: Accessibility-Driven Web Design
- ENGL 4874 Special Topics: Intersectional Interaction Design
- ENGL 4814 Developing Online Content: Accessibility-Driven Web Design
- ENGL 4814 Developing Online Content: Accessibility-Driven Web Design
- ENGL 5614 Visual Rhetoric & Document Design: The Problems of Scale and Data in Data Visualization

Fall 2021

- ENGL 3814 Creating User Documentation: Plain Language & Information Design

Spring 2021

- ENGL 4814 Developing Online Content: Accessibility-Driven Web Design
- ENGL 4814 Developing Online Content: Accessibility-Driven Web Design

Fall 2020

- ENGL 4874 Special Topics: UX Research Methods
- ENGL 3814 Creating User Documentation: Plain Language & Information Design
- ENGL 4814 Developing Online Content: Accessibility-Driven Web Design

Spring 2020

- ENGL 6344 Rhetoric in Digital Environments: Racial-Capitalism & The Design of Communication

- ENGL 4814 Developing Online Content: Accessibility-Driven Web Design
- ENGL 4874 Special Topics: Feminisms and Interaction Design

Fall 2018

- ENGL 4814 Developing Online Content
- ENGL 4814 Developing Online Content

Spring 2018

- ENGL 3844 Writing and Digital Media: Storytelling with Data
- ENGL 5674 Rhetoric of Science and Technology
- ENGL 3844 Writing and Digital Media: Storytelling with Data
- ENGL 3844 Writing and Digital Media: Storytelling with Data (x2)

Fall 2017

University of  
Minnesota

Spring 2017

- WRIT 3562W Technical and Professional Writing

Fall 2016

- WRIT 3577W Rhetoric, Technology, and the Internet

- |                               |   |
|-------------------------------|---|
| Spring 2016                   | • WRIT 3562W Technical and Professional Writing     |
| Fall 2015                     | • WRIT 4662W Writing with Digital Technologies      |
| Spring 2015                   | • WRIT 3577W Rhetoric, Technology, and the Internet |
| Fall 2014                     | • WRIT 3577W Rhetoric, Technology, and the Internet |
| Fall 2012                     | • WRIT 1301 University Writing                      |
| North Dakota State University |   |
| Fall 2009 – Spring 2012       | • ENGL 110 Composition I (2 sections per semester)  |

## Relevant Experiences

Linger Ink

Freelance Writer and Editor, 2005 – 2012

- Collaborated with marketing teams on (re)branding campaigns by developing ideas and copy for web, brochures, media kits and radio scripts
- Developed content strategies and websites for businesses
- Wrote and edited grants, proposals, press releases, etc.

## Advising & Mentoring

Ph.D.  
Chair

- Marti Wagnon. *Beyond the tall, tall trees: Studying access and digital literacy in Appalachia* (Graduated Spring 2023). Virginia Tech.
  - *Assistant Professor of Technical Communication at Radford University, Department of English.*

Member

- John C. Gordon. *Navigating code studies.* (external committee member). Utah State University.
- Chloe Robertson. *Navigating the Legal Constraints of Being a Nonimmigrant: A Study of the Technical Communication Challenges for International Graduate Students Studying in the US.* (Graduated Spring 2024). Virginia Tech.
- Kat Gray. *White Memory and the (Counter)Stories We Might Tell* (Graduated Summer 2023). Virginia Tech.
- Amilia Evans. *Predominantly white institutions and racialized diversity rhetorics: Building a Critical Discourse Methodology toward an institutional reinscription* (Graduated Spring 2023). Virginia Tech.
- Margaret Fernandes. *Sensing suppression: The sneaky rhetorics of digital content moderation on TikTok.* (Graduated Spring 2022). Virginia Tech.
- Matthew Homer. *Towards a Decolonial Haole Rhetoric.* (Graduated Spring 2022). Virginia Tech.
- Kelly Scarff. *Beyond consensus: A rhetorical genre analysis of the Mountain Valley Pipeline's 401 public hearings.* (Graduated Spring 2021). Virginia Tech.
- Andrew Kulak. *Internet ontology and the future of digital rhetoric.* (Graduated Spring 2019). Virginia Tech.

M.A.  
Chair/Advisor

- Jonathan Harding. *Student perceptions of screencasted feedback.* (Graduated Spring 2018). Virginia Tech.

Member

- Rhys Whittemore. *Tabletop role-playing games and the actual play show: Author,*

- audience, and adaptation. (Graduated Spring 2021). Virginia Tech.
- Zach Thomas. Embodied rhetorics. (Graduated Spring 2019). Virginia Tech.

## Research Projects

### *The Rematriation Project*

#### Prototyping “Pakak”: A Mobile Texting Web Application for Community Archiving

- Daksh Pratap Singh, Web Developer, M.S. Student, Computer Science, North Carolina State University, Summer 2025

#### Landscape analysis of digital archive UX

- Marissa Buccilli, RA, PhD Student, Rhetoric & Writing, Virginia Tech
- Amilia Evans, RA, PhD Student, Rhetoric & Writing, Virginia Tech

#### Landscape analysis of digital archive data repositories

- Swati Lodha, RA, M.S. Student, Computer Science, Virginia Tech

#### Data Literacy Curriculum Design and Scripting

- Chloe Robertson, RA, PhD Student, Rhetoric & Writing, Virginia Tech
- Temitope Ojedele-Adejumo, RA, PhD Student, Rhetoric & Writing, Virginia Tech

### *Machine-learning visualization & documentation strategies*

#### Co-occurrence analysis of data visualization and textual documentation strategies in computational notebooks conducting machine-learning techniques

- Supreet Bonthala, RA, Undergraduate, Computational Modeling & Data Analytics

### *Infrastructural Praxis Twitter Project*

#### Qualitative Coding & Reporting

- Maggie Fernandes, RA, Ph.D. Student, Rhetoric & Writing, Virginia Tech

## Service

### *International*

- Advisory Board Member. ACM Special Interest Group on the Design of Communication. (2022 – present).
- Website Manager. ACM Special Interest Group on the Design of Communication. (2022 – present).
- Reviewer for
  - *IEEE Transactions on Professional Communication*
  - *International Journal of SocioTechnology and Knowledge Development*
  - *Written Communication*

### *National*

- Member. 2026 NCTE CCCC Technical Communication Research Awards Committee.
- Member. 2025 NCTE CCCC Resolutions Committee.
- Founder and Chair (2017-2025). Special Interest Group on the Writing and Rhetorics of Code. NCTE - CCCC.
- Reviewer for
  - *Journal of Business and Technical Communication*
  - *Technical Communication Quarterly*
  - *Computers & Composition*

- *Kairos*
- *Present Tense*
- *Prompt*
- *Itineration*
- Conference Reviewer for
  - *IEEE Procomm*
  - *ACM SIGDOC*
- Writing Mentor, *Kairos*.
- Data designer, *Rhetmap.org*: Market comparison. Produce and maintain data visualizations for discipline's job market website.
- (Oct. 2022). Consulted faculty at the University of Utah about the design of their new "Code Studies" course.
- (Jan. 2021). Consulted faculty at the University of Washington about the design of their new "Data Studies" minor.

#### University

- Virginia Tech*
- Member. Undergraduate Curriculum Committee. (Spring 2024). College of Liberal Arts, Humanities, and Social Sciences.
  - Member. Working Group for new "Digital Content Creation" minor. (Fall 2021). College of Liberal Arts, Humanities, and Social Sciences.
  - Member. Communities of Practice for Writing-Intensive Courses. (Summer 2020). College of Liberal Arts, Humanities, and Social Sciences.

- University of Minnesota*
- Co-Founder. [CodeWork Collaborative](#) grant-funded project. (Fall 2014 – Spring 2015). Institute for Advanced Study. University of Minnesota-Twin Cities.

#### Department

- North Carolina State University*
- Member. Advisory Committee. (Fall 2025 – present).
  - Member. Research & Professional Development Committee. (Fall 2025 – present).
  - Member. Professional Writing Committee. (Fall 2025 - present).
  - Member. M.S. Technical Communication Program Committee. (Fall 2024 - present).
  - Member. Department Voting Faculty. (Fall 2024 – present).

- Virginia Tech*
- Member. Diversity Committee (Fall 2023-Spring 2024)
  - Member. Professional and Technical Writing Committee (2020-2023)
  - Member. Rhetoric & Writing PhD Program Committee (2017-2022)
  - Member. Executive Committee (2019-2021)
  - Member. Addressing Anti-Blackness in Professional and Technical Writing Working Group (2020)
  - Member. Caregivers Working Group (2020)
  - Member. Professional and Technical Writing Sub-Committee (2018-19)
  - Member. Recruitment Committee (2017-19)
  - Pathways General Education Course Redesign: Writing and Digital Media (ENGL 3844, Approved Fall 2019)
  - Co-planned redesign of department's Digital Studio classroom (Spring 2018)
  - Organized Guest Scholar Visit: Dr. Annette Vee (Fall 2018)
  - PhD Application Review Committee (Spring 2018)

## Affiliations

- Association of Computing Machinery's Special Interest Group on the Design of Communication
- Association of Teachers of Technical Writing
- NCTE/CCTC
- NCTE/CCTC's Special Interest Group on the Writing and Rhetoric of Code. (2016-2025).

## Languages

Human

- Japanese (Beginner)

Human/Machine

- HTML5/CSS3 (Advanced)
- Python (Advanced)
- JavaScript (Advanced)
  - Including experience with Observable/D3 frameworks
  - Node.js (Intermediate)
- DITA (Advanced)
- PHP (Novice)
- R (Novice)

## Proficiencies

### S

Research Methods Qualitative:

- Ethnographic methods: interviewing and observational techniques
- Case-study design and analysis
- Survey design

Quantitative:

- Social network analysis: centralities, community detection, backbone, and multiple correspondence analyses
- Natural language processing: lemmatization and stemming, keyword extraction and shifts, named entity recognition, and topic modeling

Usability and UX:

- Task/scenario development
- A/B testing
- Think-aloud protocols
- User interviews
- Agile methodology

Content Strategy:

- Landscape analysis
- Content inventories and audits
- Prioritization planning: Stakeholder interviewing, content overlays, priority guides

Other Data Collection:

- Webs scraping: documented and undocumented application programming interfaces; public web; ethics and legalities.

*Computational Environments*

- Jupyter notebooks
- Observable / Framework
- Rstudio (novice)
- Tableau
- Gephi

*Internet Technologies*

- cPanel Suite
- Wordpress Theming

*Video*

- Adobe Premiere
- iMovie
- FFMPEG

*Graphic/Image*

- Adobe Illustrator and Photoshop
- GIMP
- Inkscape
- Imagick

*Audio*

- Ableton Live
- Adobe Audition
- Audacity

*Course Management*

- Blackboard
- Canvas
- Moodle

*Version Control*

- git/Github
- FTP