

SHEA SWAUGER

Pronouns: he/him/his

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Employment

Researcher Support Services, Department Head
2015 – Present

Auraria Library, University of Colorado Denver

- Oversight of academic library services including collection development, scholarly communications, special collections, digital collections, and geospatial services
- Supervise a team of full-time faculty and staff, including management, professional development, and advocacy
- Co-founded the [Privacy and Ethics in Technology Working Group](#) for the Digital Libraries Federation
- Founder and Director of the [Data to Policy Project](#)

Data Management Librarian, Assistant Professor
2013 – 2015

Morgan Library, Colorado State University

- Led library and university research data management strategies
- Trained students and faculty on data management strategies and technologies
- Data management consultations for state and federal institutions/agencies
- Founded and chaired the [National Data Integrity Conference](#), an event focused on research data management best practices

Data Curator
2012 – 2013

Dryad Digital Repository

- Data curation, cleaning, and metadata compliance
- Data analysis for original research and publication on metadata best practices

Education

Anticipated 2026 Education and Critical Studies, PhD.
University of Colorado Denver

2013 Masters of Library and Information Science
University of North Carolina at Chapel Hill

2011 Bachelor of Arts, Philosophy

University of Colorado Denver

Book Chapters

- 2020 Swauger, Shea. 'Our Bodies Encoded: Algorithmic Test Proctoring in Higher Education'. Stommel, Jesse, Friend, Chris, Micheal Morris, Sean (Editors), 'Critical Digital Pedagogy: A Collection' (pages 51 - 63) Hybrid Pedagogy
<https://cdpcollection.pressbooks.com/>

Select Publications/Presentations

- 2022 Swauger, Shea. 'Review of 'Teaching Machines: The History of Personalized Learning.' College and Research Libraries. July 2022. Forthcoming.
- 2021 Swauger, Shea. 'The next normal: Algorithms will take over college, from admissions to advising.' The Washington Post. October, 2022.
https://www.washingtonpost.com/outlook/next-normal-algorithms-college/2021/11/12/366fe8dc-4264-11ec-a3aa-0255edc02eb7_story.html
- 2021 Swauger, Shea. 'Leaving Surveillance Tech Behind in Higher Education: Towards Trust and Abolition'. The Othering and Belonging Institute. University of California Berkeley
<https://belonging.berkeley.edu/leaving-surveillance-tech-behind-higher-education-towards-trust-and-abolition>
- 2021 Swauger, Shea. 'Privacy in Libraries: The Thing That Gets You to the Thing' Keynote for the Colorado Association of Libraries Annual Conference.
<https://www.sheaswauger.com/post/the-thing-that-gets-us-to-the-thing>
- 2020 Swauger, Shea. 'Software That Monitors Students During Tests Perpetuates Inequality and Violates Their Privacy,' MIT Technology Review. August, 7, 2020
<https://www.technologyreview.com/2020/08/07/1006132/software-algorithms-proctoring-online-tests-ai-ethics/>
- 2020 Swauger, Shea. 'Remote Testing Monitored by AI is Failing the Students Forced to Undergo It,' NBC News THINK. November 7, 2020
<https://www.nbcnews.com/think/opinion/remote-testing-monitored-ai-failing-students-forced-undergo-it-nca1246769>
- 2020 Swauger, Shea. 'Our Bodies Encoded: Algorithmic Test Proctoring in Higher Education'. April, 2, 2020. Hybrid Pedagogy
<https://hybridpedagogy.org/our-bodies-encoded-algorithmic-test-proctoring-in-higher-education/>

- 2020 Young, Scott, Walker, Paige, Swauger, Shea, Gibeault, Michelle, Mannheimer, Sara, Clark, Jason. 'Designing and Sustaining Privacy-Oriented Library Services through Community Participation'. Journal of Intellectual Freedom and Privacy. <https://osf.io/preprints/lissa/m8rg3/>
- 2020 Briney, Kristin, Yoose, Becky, Ockerbloom, John Mark, Swauger, Shea. 'A Practical Guide to Performing a Library User Data Risk Assessment in Library-Built Systems.' Digital Library Federation, May 2020
<http://doi.org/10.17605/OSF.IO/V2C3M>
- 2020 Swauger, Shea. 'The Prison to School Pipeline of EdTech'. Colorado Learning and Teaching with Technology. August 6, 2020.
<http://digital.auraria.edu/IR00000186/00001>
- 2020 Swauger, Shea. 'The Imitation Game'. Digital Pedagogy Lab Workshop. July 27, 2020.
https://www.youtube.com/watch?v=ORr9Xa7omhc&feature=emb_title
- 2020 Swauger, Shea, Debay, Dennis, Ferrara, Michael, Fritz, Diane, Mariner, Matthew. 'The Data to Policy Project: A Framework for Social Justice Advocacy in Mathematics Education.' Joint Mathematics Meeting, American Mathematical Society. Denver, CO January 18th 2020
<http://digital.auraria.edu/IR00000115/00001>
- 2019 Shea Swauger, Paige Walker, Scott Young, Michelle Gibeault, Margaret Heller. 'On Technologies of Surveillance: Skills, Strategies, and Ethical Approaches for Interrogating the Collection and Analysis of Library User Data.' Learn@DLF, Digital Library Federation Forum Pre-Conference. Tampa, FL. October 2019.
<http://digital.auraria.edu/IR00000113/00001>
- 2019 Swauger, Shea 'Never Neutral: Data, Equity, and How They Can Work Together'
Colorado Learning and Teaching with Technology 2019
<http://digital.auraria.edu/IR00000103/00001>
- 2019 Swauger, Shea. 'Applications of Data Science'
CU Denver Data Science Symposium – Panel Moderator
- 2019 Swauger, Shea. 'The Eugenic Gaze: Algorithmic Test Proctoring in Higher Education' HASTAC, University of British Columbia, May 16 – 18 2019
<http://digital.auraria.edu/IR00000096/00001>
- 2018 Robinson, Danielle, Swauger, Shea, et al. 'Open Source Alliance for Open Scholarship Handbook.' Code For Science. New York, New York.
<https://osaos.codeforscience.org/>

- 2017 Shorish, Yasmeen, Swauger, Shea. 'New Technologies of Surveillance Group'. Digital Library Federation, Council on Library and Information Resources. December 15, 2017.
<https://www.diglib.org/technologies-surveillance-dlf-group/>
- 2017 Swauger, Shea. 'Defining Consent in Social Media Research'. The Humanities and Technology Camp, American Historical Association, Denver, CO 80204 January 4, 2017
- 2017 Swauger, Shea. Shorish, Yasmine 'Surveyance or Surveillance? Data Ethics in Library Technology' Digital Library Federation, October 23, 2018 Pittsburg, PA
<https://osf.io/eqhdn/>
- 2017 Swauger, Shea. 'Sex, Lies, and Data' University of Massachusetts eScience Symposium, Worcester, MA, April 5, 2018
https://www.youtube.com/watch?v=9-j4b_q7_bQ
- 2017 Swauger, Shea. "Open access, Power, and Privilege: A response to 'What I learned from predatory publishing'". College and Research Libraries News. 2017 Vol. 78 No. 11
<https://crln.acrl.org/index.php/crlnews/article/view/16837/18435>
- 2015 Swauger S., Vision T.J. 'What Factors Influence Where Researchers Deposit their Data? A Survey of Researchers Submitting to Data Repositories'. International Journal of Digital Curation. 2015 Vol. 10, No. 1, pp. 68-81
<http://hdl.handle.net/10217/89171>
- 2014 Swauger, Shea. 'Sharing is Caring, but Should It Count?' DataPub Guest Blog Post, California Digital Library
<http://datapub.cdlib.org/2014/07/23/sharing-is-caring-but-should-it-count/>
- 2015 Swauger, Shea. 'ETDPlus' 2015 National Data Integrity Conference. Fort Collins, CO
<http://hdl.handle.net/10217/167271>
- 2015 Swauger, Shea. Data Management and the Research Process - National Wildlife Research Center Science Meeting, Fort Collins, CO
- 2015 Swauger, Shea. 'Big Data: Big Opportunities or Big Trouble?' Professional Development Institute. Colorado State University, Fort Collins CO
<http://www.slideshare.net/SheaSwauger/big-data-big-opportunities-or-big-trouble>
- 2015 Swauger, Shea. 'Research Data Systems and Data Management.' Professional Development Institute, Colorado State University, Fort Collins CO

- 2015 Swauger, Shea. 'The Digital Repository and the Research Process.' Master Teacher Initiative, College of Agriculture, Fort Collins, CO
- 2014 Swauger, Shea. 'Data Sharing and Tenure: Barriers to Faculty Data Sharing' Alliance Research Data Management Conference, Denver, CO
<http://www.slideshare.net/SheaSwauger/data-sharing-and-the-tenure-and-promotion-process>
- 2014 Kaplan, N. E., Draper, D. C., Paschal, D. B., Moore, J. C., Baker, K. S., & Swauger, S. 'Data curation issues in transitioning a field science collection of long-term research data and artifacts from a local repository to an institutional repository'. International Digital Curation Conference, San Francisco, CA.
http://cirssweb.lis.illinois.edu/Documents/Publications_docs/Kaplan2014a.pdf
- 2014 Swauger, Shea. 'Introduction to Data Management.' National Wildlife Research Center, Fort Collins, CO
- 2014 Swauger, Shea. 'Data Management and Library Services.' Graduate Seminar, Forestry Department, CSU, Fort Collins CO
- 2014 Swauger, Shea. 'Digital Preservation in the Research Process.' Master Teacher Initiative, College of Agriculture, Fort Collins, CO
- 2014 Swauger, Shea. 'Introduction to Data Management.' Master Teacher Initiative, College of Agriculture, Fort Collins, CO
- 2014 Swauger, Shea. 'Curating Digital Research Data.' Society of Rocky Mountain Archivists, Denver, CO
- 2013 Greenberg, Jane, Swauger, Shea, Feinstein, Elena M. 'Metadata Capital in a Data Repository'. Proceedings of the International Conference on Dublin Core and Metadata Applications 2013: 140-150.
<http://dcpapers.dublincore.org/pubs/article/view/3678/1901>
- 2013 Swauger, Shea. 'Introduction to Time Travel -or- How to Send Your Files to the Future.' Professional Development Institute, Colorado State University, Fort Collins CO
<http://www.slideshare.net/SheaSwauger/digital-preservation-30007592>
- 2013 Swauger, Shea. 'The Changing Landscape of Research: An Introduction to Data Management.' Professional Development Institute, Colorado State University, Fort Collins CO
- 2013 Swauger, Shea. 'Geocoding Your Catalog: How to Create a Simple, Dynamic Access Point' Electronic Resources & Libraries Conference, Austin, TX

<http://www.slideshare.net/SheaSwauger/geocoding-catalogs-26837973>

- 2013 Earls, A. C., Clary, E., Greenberg, J., Kirschenfeld, A., Murillo, A. P., Robertsons, W. D., Swauger, S., Anderson, W. L. 'The Data-at-Risk Initiative: A metadata scheme for documenting data rescue activities' iPRES 2013. Lisbon, Portugal.
- 2011 Swauger, Shea. 'Context and Original Order in Born Digital Collections' - Wilson Library Special Collections Lighting Talks, Chapel Hill, NC

Funded Grants

- 2016 Magle, Tobin, Johnson, Andrew, Swauger, Shea, Knuth, Shelly. Wasser, Leah. 'Multi-Campus Women in Science and Engineering Software Carpentry Workshops' University of Colorado Boulder Diversity and Excellence Grant
Award Amount: \$3,000

Awards/Fellowships

- 2020 Excellence in Leadership and Service Award. Auraria Library Faculty, University of Colorado Denver
- 2019 - 2021 thingstudio Faculty Fellowship, University of Colorado Denver
- 2018 1st Place Award. 'Open WiFi: Auraria Connected' PitchLX, Metropolitan State University of Denver's Teaching and Learning with Technology

Selected Media Interviews

- 2021 'Time to Rethink AI Proctoring?' Inside Higher Ed.
<https://www.insidehighered.com/news/2021/05/28/are-colleges-checking-ais-work-remote-exam-proctoring>
- 2021 'Is Online Test Monitoring Here to Stay?' The New Yorker.
<https://www.newyorker.com/tech/annals-of-technology/is-online-test-monitoring-here-to-stay>
- 2020 'Unfair Surveillance'? Online Exam Software Sparks Global Student Revolt' Thomson Reuters Foundation News. November 11, 2020
<https://news.trust.org/item/20201110125959-i5kmg/>
- 2020 'Tech companies promised schools an easy way to detect cheaters during the pandemic. Students responded by demanding schools stop policing them like criminals in the first place' Business Insider. November 1, 2020.
<https://www.businessinsider.com/proctorio-silencing-critics-fueling-student-protests-against-surveillance-edtech-schools-2020-10>

- 2020 'Online Test Proctoring Claims to Prevent Cheating. But at What Cost?' Slate. October 26th, 2020.
<https://slate.com/technology/2020/10/online-proctoring-proctoru-proctorio-cheating-research.html>
- 2020 'An Exam Surveillance Company Is Trying to Silence Critics With Lawsuits,' Vice, Motherboard. October 21, 2020.
<https://www.vice.com/en/article/7k9zjy/an-exam-surveillance-company-is-trying-to-silence-critics-with-lawsuits>
- 2020 'The Prison to School Pipeline' The ID and the Ego. October 14th, 2020.
<https://anchor.fm/idandego/episodes/Episode-006-The-Prison-to-School-Pipeline-el2ati>
- 2020 'Students Are Rebelling Against Eye-Tracking Exam Surveillance Tools' Vice, Motherboard. September 24, 2020
<https://www.vice.com/en/article/n7wxvd/students-are-rebelling-against-eye-tracking-exam-surveillance-tools>
- 2020 'Community and Technology' WHCR 90.3 FM. August 26, 2020
https://www.youtube.com/watch?v=xLBqVVu2eBE&feature=emb_logo

Research Data

- 2019 Andrew Johnson, Megan Bresnahan, Kathleen Fear, Elena Feinstein, Cynthia Hudson-Vitale, Erica Johns, Sherry Lake, Standa Pejisa, Sarah Pickle, Amanda Rinehart, Yasmeen Shorish, Cecilia Smith, Shea Swauger, Steve Van Tuyl, Mary Whelan, Christie Wiley, Jackie Wirz. 'Questions and Answers from DataQ Project' University of Colorado Boulder.
<https://doi.org/10.25810/8ST3-AN76>
- 2016 Eaker, C.B., Fernandez, P., Swauger, S., Davis, M. 'Data from: Public Progress: Data Sharing of Agriculture Researchers and the Land-Grant University Mission', Issues in Science and Technology Librarianship.
- 2015 Swauger Shea, Vision, Todd J (2015) 'Data from: What factors influence where researchers deposit their data? A survey of researchers submitting to data repositories'. Dryad Digital Repository.
<http://dx.doi.org/10.5061/dryad.51vs3>
- 2013 Greenberg, Jane, Swauger, Shea, Feinstein, Elena M. (2013) 'Data from: Metadata capital in a data repository'. Dryad Digital Repository.
<http://dx.doi.org/10.5061/dryad.8c1p6>

Service

National Service

- 2021 Invest in Open Infrastructure, Community Advisory Council
- 2020 National Science Foundation, Grant Reviewer
- 2020 Institute of Museum and Library Services, Grant Reviewer
- 2017 - 2019 Digital Library Federation's Technologies of Surveillance, Working Group Co-Leader (renamed to [Privacy and Ethics in Technology Working Group](#))
- 2017 - 2019 Digital Library Federation's Technologies of Surveillance, Sub-Group Leader (renamed to [Privacy and Ethics in Technology Working Group](#))
- 2015 - 2018 [National Data Integrity Conference](#), Founder and Chair (later merged with the Research Data Access and Preservation Association)

Regional Service

- 2017 - 2019 [Colorado Open Scholars Series](#), Planning Committee
- 2019 Research Data Archiving and Preservation Conference 2019, Planning Committee

Service to the Profession

- 2019 External Reviewer for Tenure Committee, Sara Mannheimer
- 2018 External Reviewer for Tenure Committee, Jonathan Cain

Campus Service, CU Denver

- 2019 - Present LGBTQ Faculty Committee, Member
- 2019 - Present Faculty Advisory Committee, Member
- 2020 - Present Antiracist Advocacy Committee, Member
- 2020 - 2021 Center for Faculty Development and Advancement, mentor
- 2019 - 2020 Gentrification and Urban Displacement Taskforce, Member
- 2018 - 2020 Center for Faculty Development Advisory Board, Member
- 2019 EURECA Fellows, Judge
- 2019 Diversity and Research Expo (DARE), Judge
- 2019 Diversity Dialogue LGBTQ Identities, Planning Committee/Facilitator
- 2019 Allies for Understanding, Planning Committee Member

Primary Unit, Auraria Library

- 2019 - 2020 Auraria Library Faculty, Secretary
- 2019 - 2020 Auraria Library Faculty – Tenure and Promotion Sub-Committee
- 2019 - 2020 Assessment Committee, Member
- 2018 - 2019 Collections Disaster Response Team, Chair
- 2019 Student Employment Committee, Secretary
- 2019 Patron Data Management Taskforce, Member
- 2018 ACRL Scholarly Communications Roadshow, Planning Committee Member