

Meghan M. Testerman, MLIS
Open Research and Scholarship Librarian
Head Princeton Research Data Service
Princeton University Library
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Education

University of Wisconsin-Milwaukee, Milwaukee WI
M.A., Library Science and Information Studies (2009)

Appalachian State University, Boone NC
B.S., Political Science (2004)

Work Experience

Princeton University, Princeton NJ

Open Research and Scholarship Librarian May 2023 – Present

Head, Princeton Research Data Service September 2023 – Present

- Provide leadership and expertise for initiatives fostering open scholarly practices and skill sets within the library and across the university.
- Identify needs across campus and develop and lead initiatives to advocate for and actively foster open research, scholarship, and data.
- Provide liaison, research support and collections responsibility to the Department of Psychology and the Princeton Neuroscience Institute (details below under 'Behavioral Sciences Librarian')
- Manage the Princeton Research Data Service (PRDS) and provide leadership across campus on facilitating access to, managing, stewarding, and storing digital research data.
- Assess the evolving needs of the campus research community with respect to data management across disciplines, track trends in the field of practice, and monitor the requirements of federal funding agencies and publishers.
- Act as a visible leader both on campus, nationally, and internationally, representing Princeton University and its interests at conferences, workshops, and other national and international venues.

Princeton University, Princeton NJ

Behavioral Sciences Librarian

Aug 2018 – May 2023

- Liaison Librarian to the Department of Psychology and the Princeton Neuroscience Institute.
- Created a comprehensive outreach program consisting of physically and digitally embedded librarianship, instruction, and teaching and research support.
- Collaborated with Princeton faculty, post-doctoral researchers, and graduate students on systematic reviews, meta-analyses, data collection, publications, digital resources, and grants. (see below for details)
- Fund manager of a **+\$684,000 collections budget** for the behavioral sciences.
- Co-founded and co-led the **Open Research Steering Committee** to develop strategic priorities and coordinate services, tools, and campus partners in support of open science principles and practices.
- Led the planning group for Princeton University Library's **Systematic Review Service** for rigorous, transparent, and reproducible systematic reviews and meta-analyses across the sciences and social sciences.
- Created the **Lab Librarian Program**, a service for embedding library support into research laboratories in psychology and neuroscience.
- Organized and led **employee affinity groups** for Professional Research Support, Dismantling Whiteness in Libraries and Librarianship, and Librarians seeking Continuing Appointment.
- Created, managed, and led the Princeton University Library's **Citizen Science @ Princeton** program to support research using crowd-sourced data collection.
- Organized and led the **Princeton-Rutgers ReproducibiliTea**, a journal club for reproducible science in collaboration with the Department of Psychology.
- Provided personal research support in the form of one-on-one research consultations with faculty, students, and researchers and through participation in the Personal Librarian program and the Princeton Writing Program.
- Provided formal in-depth information literacy instruction through workshops, guest lectures, clinics, and information sessions.
- Responsible for the collection development policy, purchases, and maintenance of Princeton University's behavioral science collections.

Walden University, Minneapolis, MN
College of Social and Behavioral Sciences Librarian
 Feb 2016 – Aug 2018

- Liaison Librarian to the School of Psychology, School of Counseling, and the Barbara Solomon School of Human Services and Social Work
- Created a comprehensive outreach program for 3 schools, 12 Program Directors, and 200+ full-time and part-time faculty.
- Supported course development and scaffolding of information literacy objectives.

- Delivered information literacy instruction through guides, modules, live webinars, and face-to-face sessions.
- Developed research support services for psychology, counseling, human services, and social work.
- Provided one-on-one research consultations with faculty and students.
- Managed general reference services through Ask A Librarian via email, phone, and chat.

John F. Kennedy Presidential Library & Museum
Ernest Hemingway Photograph Collection, Audiovisual Archives
Volunteer Librarian

Oct 2012 – May 2013

- Led the project for researching, organizing, describing, and archiving approximately 2,500 photographs in the Ernest Hemingway Photograph Collection housed in Audio-Visual Archives at the John F. Kennedy Presidential Library & Museum.
- Featured on Public Radio International's *The World* "Photos of Ernest Hemingway's 'Dangerous Summer'" August 2013.
- Awarded the Wiedman Outstanding Volunteer Service Award by the David S. Ferriero, Archivist of the United States, May 2014

Providence Athenaeum, Providence Rhode Island
Library Technician

Jan 2012 – Feb 2013

- Responsible for patron services at the second-oldest private membership library in the United States.
- Developed and led programming for National Novel Writing Month.
- Participated in collection development projects including accessioning, deaccessioning, and managing gifts.

Hathaway Library, Audubon Society of Rhode Island. Providence Rhode Island
Volunteer Librarian

Aug 2011 – Feb 2013

- Managed the Hathaway Library's collections, policy, processes, cataloging, and patron services.
- Developed and led library policy and patron services.
- Maintained the 4,000-volume collection of monographs, historical records, and government documents.
- Accessioned and cataloged all new materials according to a unique Hathaway Library classification system.

Walden University, Minneapolis MN

Institutional Review Board (IRB), Non-affiliate voting member

Jan 2011 – Feb 2016

- Served as a non-affiliate voting member of the Institutional Review Board
- Reviewed, evaluated, and approved research proposals in the social and behavioral sciences, education, and nursing.
- Completed National Institutes of Health certificate in Protecting Human Research Participants

University of Liverpool, Liverpool United Kingdom

Institutional Ethics Committee, Non-affiliate voting member

Jan 2011 – Feb 2016

- Served as a non-affiliate voting member of the Institutional Ethics Committee
- Reviewed, evaluated, and approved research proposals in the social and behavioral sciences, education, and health sciences.
- Completed National Institutes of Health certificate in Protecting Human Research Participants

European Regional Support Library, Heidelberg Germany

Practicum Student

Sept 2008 – Dec 2008

- Completed a 20-hour-a-week practicum study at the central research library of the US Army Europe library system.

Sullivan Library, US Army Garrison Mannheim, Germany

Library Technician (GS-4), Dec

2004 – Jan 2006

- Managed patron services, circulation, and programming at the sole English-language library for the United States Garrison Mannheim community.

Service - Princeton

- Princeton University Library, Search Committee, Finance and Operational Research Librarian, 2024
- Princeton University Library, Open Research Steering Committee, Co-chair, 2020 - 2023
- Princeton University Library, Indigenous Studies Working Group, 2021 - 2022

- Princeton University Library, Diversity, Equity, and Inclusion Statement Working Group, 2021 - 2022
- Princeton University Library, Diversity, Equity, and Inclusion Steering Committee, 2020 - 2022
- Princeton University Library, Princeton Data Commons User Experience (UX) Group 2019
- Princeton University Library, Library Education and Teaching Committee, member 2019 - 2021
- Princeton University Library, Diversity and Inclusion Working Group, 2018
- Princeton University Library, Peter B. Lewis Science Library Space Assessment Taskforce, November 2018 -2020

Service - Other

- Governance Board, Data Curation Network 2023-present
- Advisory Board, Prejudice Reduction Evidence Database 2020- present
- Ambassador, Open Science Framework 2019-present

Grants and Awards

- Princeton Initiative for Data Driven Social Science Grant (DDSSI), “**Prejudice Reduction: Creating an Open Repository of ‘What Works’ from Experimental Research.**” with Betsy Levy Paluck, 2020-2021 (\$17,000)
- Wiedman Outstanding Volunteer Service Award presented by the Archivist of the United States, (May 2014)

Peer-Reviewed Publications

- Baek, S., Marques, S., Casey, K., Testerman, M., McGill, F., & Emberson, L. (2023). **Attrition rate in infant fNIRS research: A meta-analysis.** *Infancy: The Official Journal of the International Society on Infant Studies*. <https://doi.org/10.1111/inf.12521>
- Levitis, E., Van Praag, C. D. G., Gau, R., Heunis, S., DuPre, E., Kiar, G., ... & Maumet, C. (2021). **Centering inclusivity in the design of online conferences—An OHBM–Open Science perspective.** *GigaScience*, 10(8), giab051. <https://doi.org/10.1093/gigascience/giab051>
- [Accepted for publication in *Meta-Psychology*] Topor, M., Pickering, J. S., Barbosa Mendes, A., Bishop, D. V. M., Büttner, F. C., Henderson, E. L., ... Westwood, S. J. (2020, December 14). **An integrative framework for planning and conducting Non-Interventional, Reproducible, and Open Systematic Reviews (NIRO-SR).** <https://doi.org/10.31222/osf.io/8gu5z>

Book Chapters

- [Forthcoming in 2024] *How to Work with Academic Faculty: Partnerships, Collaborations, and Services in the Academic Library*, Association of College & Research Libraries (ACRL)

Other Publications

- Paula P. Brooks, Elizabeth A. McDevitt, Anne C. Mennen, Meghan Testerman, Na Yeon Kim, Matteo Visconti di Oleggio Castello, & Samuel A. Nastase. (2021, January 21). **Princeton Handbook for Reproducible Neuroimaging** (Version v0.2.0). Zenodo. <http://doi.org/10.5281/zenodo.4317623>
- Topor, M., Pickering, J. S., Barbosa Mendes, A., Bishop, D. V. M., Büttner, F. C., Henderson, E. L., ... Westwood, S. J. (2020, December 14). **Non-Interventional, Reproducible, and Open (NIRO) Systematic Review guidelines**. <https://doi.org/10.17605/OSF.IO/F3BRW>

Co-authored Pre-Registrations

- Baek, S., Testerman, M. M., & Emberson, L. (2020). **Attrition Rate in fNIRS-Based Infant Cognitive Neuroscience: A Meta-Analysis**. Retrieved from osf.io/uc436
- Stefaniak, A., Halperin, E., Atia, R., Hameiri, B., Hebel, S., Nir, N., ... Vandermeule, D. (2021, September 2). **Systematic review and meta-analysis of intergroup interventions to reduce violent intergroup conflict and promote post-conflict reconciliation**. Retrieved from osf.io/t3yw8

Digital Tools

- [Prejudice Reduction Evidence Database](#) - The central database of experimental literature reporting prejudice reduction interventions and outcomes. Funded by a grant from the Princeton Data-Driven Social Science Initiative and launched May 2023
- BERT Classification: Natural Language Processing for Systematic Reviews [In development]
- Princeton Brain Development Project, NeuroProgress.org [In development, 2020]

Open Data

- Meghan Testerman. (2021). **Data Set: fMRI Meta-Analyses** (Version 1.0) [Data set]. Zenodo. <http://doi.org/10.5281/zenodo.4974284>
- Meghan M Testerman. (2021). **Article Processing Charges (APC): Springer-Nature, Elsevier, Wiley & Sons, SAGE** (Version 1.0) [Data set]. Zenodo. <http://doi.org/10.5281/zenodo.4725804>

- Meghan M. Testerman. (2021). **COVID Tracking Project Bibliographic Records** (Version 2.0) [Data set]. Zenodo. <http://doi.org/10.5281/zenodo.4660181>

Invited Talks

- Testerman, M. (2022) **New Opportunities for STEM Researcher Engagement**. Invited talk at the Kraemer Family Library, University of Colorado, Colorado Springs.

Talks + Conference Presentations

- Testerman, M. (2022) **Working with PIs to Create Lab Best Practices**. Presented at the Science, Technology, and Engineering Library Leaders in Action (STELLA) conference.
- Testerman, M., Johnson, B., **Strategies for Engaging Your Community through Twitter**. Presented at the New Jersey Library Association's annual conference.
- Testerman, M. (2022). **Creating a Systematic Review Service for the Social, Behavioral, and Biological Sciences**. Presented at the annual conference of the Special Library Association.
- Testerman, M. (2022). **Research Information Management in Research labs**. Presented at the annual conference of the Special Library Association.
- Testerman, M. (2021) **Outreach Challenges and Solutions for the 21st Century STEM Librarian**. Presentation at the annual conference of the Special Library Association.
- Testerman, M. (2021) **The STEM Lab Librarian**. Presentation at the annual conference of the Special Library Association.
- Sarconi, E., Testerman, M. (2021) **Engaging STEM researchers with Special Collections**. Presented at the STEM Librarians Collective Conference 2021, Virtual.
- Testerman, M., Kocher, M. Ghezzi-Kopel, K. (2021) **Systematic Reviews Outside of the Health Sciences**. Presented at the STEM Librarians Collective Conference 2021, Virtual.
- Testerman, M. (2021) **Systematic Reviews and the Systematic Review Service at Princeton University Library**. Presented to the Princeton University Library, Princeton, NJ.
- Testerman, M., Topor, M., Pickering, J., Groen, M. (2020) **Improving data synthesis with open and reproducible approaches**. Presented at the annual meeting of the Organization for Human Brain Mapping, Open Science Room, Virtual.
- Testerman, M. (2020) **#AcademicTwitter for Subject Librarians**. Presentation at the annual conference of the Special Library Association, Charlotte, NC.
- Testerman, M. (2019) **Donate Your Brain to Science: Participating in Human Subjects Research**. Presented at Princeton University Library, Princeton, NJ.
- Testerman, M. (2020) **Reproducible Data Collection for Systematic Reviews and Meta-Analyses in the Social and Behavioral Sciences**. Presented to the Department of Psychology, Princeton University, Princeton, NJ.
- Testerman, M. (2019) **Collection Assessment Program (CAP) Research Presentation**. Presented at Princeton University Library, Princeton, NJ

- Testerman, M. (2018) **Ithaca S+R 2019 Faculty Research Survey (and what it means) for Science Librarianship**. Presented at Princeton University Library, Princeton, NJ

Public Engagement

- Princeton [Citizen Science Day 2020](#)
- Princeton [Citizen Science Day 2019](#)
- Testerman, M. (2019) **Donate Your Brain to Science: Participating in Human Subjects Research**. Presented at Nerd Nite Philadelphia, Philadelphia, PA.
- **Ernest Hemingway's "Dangerous Summer."** (2013). The World from Public Radio International. Retrieved June 26, 2020, from <https://www.pri.org/stories/2013-08-12/photos-ernest-hemingways-dangerous-summer>

Institutional Collaborations

- Princeton-Rutgers ReproducibiliTea
 - Journal club for early career researchers on all things related to research transparency, reproducibility, and openness.

Diversity, Equity, Inclusion, and Justice

- *DEIA @ PRDS* Started a unit initiative to 'give DEIA work a front seat'. Monthly meetings where we pair education with a task or project to improve DEIA in our workspaces and in our work products. 2023-present
- Recipient of the Princeton Initiative for Data Driven Social Science Grant to create an open repository of experimental literature on prejudice reduction with Betsy Levy Paluck, professor of psychology and public policy at Princeton, 2020-2021 (\$17,000)
- Syllabus Review: An analysis of the diversity of assigned authors in psychology syllabi. In collaboration with the Department of Psychology's Climate and Inclusions Committee, 2022-present.
- Indigenous Studies Working Group, Princeton University Library, Member, March 2021-2022
- Diversity, Equity, and Inclusion Statement Working Group, Princeton University Library, Chair, Feb 2021
- Diversity, Equity, and Inclusion Steering Committee, Princeton University Library, Member, Sept 2020-2021
- Dismantling Whiteness in Libraries and Librarianship Journal Club, Princeton University Library, Facilitator, 2020
 - Organized and facilitated an 8-week series of readings and discussions on dismantling whiteness in libraries and librarianship.
- Diversity and Inclusion Working Group, Princeton University Library, Member, Oct 2018 - Apr 2018
 - Contributed to the Diversity Statement for the Princeton University Library that outlines a road map for anti-racist and inclusive structural changes at the institutional level.

- Contributed to the Charge for a permanent Diversity, Equity, and Inclusion Steering Committee.
- Contributed to recommendations to the Library Leadership Team (LLT) for a multi-year Diversity, Equity, and Inclusion Plan.
- Completed Training:
 - Allyship to Impact, Virtual (2020)
 - Fostering a Culture of Inclusion for Employees, Princeton University (2020)
 - Dismantling Institutional Racism at Your Library: From Theory to Practice, Niche Academy (2020)
 - Ally Project: Supporting LGBT Students Staff and Faculty, Princeton University (2019)

Volunteer Work

- Trenton Area Soup Kitchen (T.A.S.K.) Volunteer
- Mercer County Friends and Feed America
- [The COVID Tracking Project](#), Data Entry, Data Quality, Mapping Impact, Nov 2020 - Mar 2021
- Stall Catchers, Citizen Science Project for Alzheimer's research, 2019 [[Preprint](#)]
- People Serving People, Minneapolis MN, Short-term housing volunteer, 2017