

Aditya Narayanan Ranganath

Curriculum Vitae (Updated February 1, 2025)

EDUCATION

University of California, San Diego (La Jolla, CA)
Ph.D. in Political Science (2018)

Bowdoin College (Brunswick, ME)
B.A. in Government and Legal Studies and Economics, *cum laude* (2009)

PROFESSIONAL WORK EXPERIENCE

Data Librarian

Center for Research Data and Digital Scholarship (CRDDS) and University of Colorado Boulder Libraries
December 2020–Present

As a Data Librarian at the University of Colorado Boulder's Center for Research Data and Digital Scholarship (CRDDS) and University Libraries, I collaborate with colleagues to support the University community's needs across all stages of the research data lifecycle. To that end, I participate in research consultations; topical instruction; data curation and preservation efforts in the context of supporting the development of CU Scholar (CU-Boulder's institutional repository); and assorted projects that build CU Boulder's research data infrastructure and facilitate data-driven research and education on campus.

Council on Library and Information Resources (CLIR) Postdoctoral Fellow in Geospatial Data Curation

New York University (NYU) Libraries
November 2019–December 2020

As a CLIR Postdoctoral Fellow in the Data Services department at New York University's Bobst Library, I worked with NYU's GIS librarian and other members of the NYU Data Services team on NYU's geospatial data collection, documentation, curation, and discovery efforts. In addition, I offered individualized geospatial and data consultations to library patrons, authored instructional materials, and designed and taught workshops on the use of GIS software, with a particular focus on GIS analysis using open-source tools such as QGIS and R. During my time at NYU, I was also a curator for the Data Curation Network (DCN), a collaborative data curation organization that spans multiple institutions.

Postdoctoral Fellow

Yale-NUS College, National University of Singapore
August 2017–November 2019

As a Postdoctoral Fellow at Yale-NUS College in Singapore (an autonomous liberal arts college founded in 2011 within the National University of Singapore, in collaboration with Yale University) I contributed to the College's undergraduate curriculum in the social sciences. I participated in Yale-NUS's distinctive core curriculum as an instructor in its multidisciplinary introductory social science module ("Comparative Social Inquiry"), and also developed and taught advanced undergraduate seminars and introductory surveys on topics within my substantive areas of expertise.

Data and GIS Lab Consultant (Part-time position)

University of California, San Diego (UCSD) Geisel Library
October 2015–August 2017

As a part-time member of Geisel Library's Reference and Research Advisory Services (RRAS) team, I helped the library's Map and Data Librarians maintain the library's Data and GIS Lab. My primary responsibility was to assist library users (mainly undergraduates, graduate students, and faculty) with academic projects that involved the analysis of geospatial data using ArcGIS or R. In addition, I offered consultations to patrons working on projects with Stata. Beyond research data consultation services, I also helped the Map Librarian ingest and clean publicly available municipal data as part of the library's data preservation and archiving efforts.

Instructor; Teaching Assistant; Research Mentor

University of California, San Diego (UCSD)
September 2012–August 2017

During the course of my PhD studies, I worked in several teaching positions at UCSD, as an instructor of record, section instructor, and research mentor, both within the Department of Political Science (where I served in all three of these roles), and in the Revelle College undergraduate humanities program (where I served as a section instructor for all five courses in its curriculum).

Research Assistant

University of California, San Diego (UCSD)
Term Appointments in Summer 2011, Summer 2012, and Summer 2013

During graduate school, I worked as a research assistant on empirical research projects for Professors David Lake (UCSD), Jeffrey Frieden (Harvard), and Miles Kahler (UCSD and American University). The project with Lake and Frieden was a study of the relationship between economic crises and political change from the beginning of the 20th century through the period of the Great Recession. I worked collaboratively with another research assistant to assemble large datasets on stock market volatility and historical relative price movements in order to quantitatively test the paper's theoretical arguments. I was also responsible for writing the paper's historical case studies. The project with Kahler was a study of the relationship

between trade liberalization and political decentralization in countries throughout the world. I was responsible for building a relevant dataset, and analyzing the resulting data, as well as writing a literature review and providing ideas on the paper's theory.

Americorps Volunteer in Service to America (VISTA)

California Human Development (CHD), Santa Rosa CA

August 2009-August 2010

During my year of service as an Americorps Volunteer in Service to America (VISTA) at California Human Development (CHD), I helped managers and program directors identify and analyze internal program data to develop social return-on-investment (SROI) models for the various social welfare programs and services that CHD administers in California's Central Valley.

PUBLICATIONS

Peer-Reviewed Journal Articles

Mayernik, Matthew, Andrew Johnson, Renaine Julian, Matthew Murray, Claudius Mundoma, **Aditya Ranganath**, and Greg Stossmeister. 2024. "Persistent Identifiers for Instruments and Facilities: Current State, Challenges, and Opportunities." *Journal of eScience Librarianship* 13(3): e964.
<https://doi.org/10.7191/jeslib.964>.

Ranganath, Aditya. 2022. "Analyzing the Geography of Systemic Racism in an Introductory Geographic Information Systems Workshop." *Journal of Map and Geography Libraries*. DOI: <https://doi.org/10.1080/15420353.2022.2107598>.

Other Peer-Reviewed Publications

Kouper, Inna, Andrew Johnson, Jordan Wrigley, and **Aditya Ranganath**. 2023. "Interdisciplinary and Highly Collaborative Research (IHCR) Data Primer." *Data Curation Network Primer Series*. <https://hdl.handle.net/11299/253949>.

Martindale, Jamie, **Aditya Ranganath**, Amy Work, and Melinda Kernik. 2023. "ArcGIS Pro Project Package Data Curation Primer." *Data Curation Network Primer Series*. <https://hdl.handle.net/11299/259974>.

Non-Peer Reviewed Publications (i.e. white papers, technical reports, editorials, theses etc.)

Caillet, Ryan, Melissa Cantrell, Andrew Johnson, Matthew Murray, and **Aditya Ranganath**. 2024. "2024 State of Open at the University of Colorado Boulder: An Update on Open Access Practices Based on Data from 2023." *University of Colorado Boulder*. <https://doi.org/10.25810/zvst-2g91>.

Julian, Renaine, Andrew Johnson, Matthew Mayernik, Matthew Murray, and **Aditya Ranganath**. 2024. "FAIR Facilities and Instruments Workshop #2 Report: Recent Progress, Remaining Challenges, and Emerging PID Strategies." *NCAR Technical Notes*. <https://doi.org/10.5065/jea7-yf24>.

Johnson, Andrew, Matthew Mayernik, Claudius Mundoma, Matthew Murray, **Aditya Ranganath**, and Greg Stossmeister. 2024. "FAIR Facilities and Instruments Workshop #1 Report: Exploring Persistent Identifier Needs, Barriers, and Incentives." *NCAR Technical Notes*. <https://doi.org/10.5065/zgsx-2d06>.

Caillet, Ryan, Melissa Cantrell, Andrew Johnson, Matthew Murray, and **Aditya Ranganath**. 2023. "2023 State of Open at the University of Colorado Boulder: An Update on Open Access Practices Based on Data from 2022." *University of Colorado Boulder*. <https://doi.org/10.25810/w52g-pq70>.

Peek, Lori, Mary Angelica Painter, Gina Eosco, Alison M. Agather, Jonathon Mote, Cassandra Shivers-Williams, Jennifer Tobin, Jolie Breeden, and **Open Data Workshop Participants**. 2023. "Final Report of the Workshop on Open Data and Reuse in Social Science Weather Research." *Natural Hazards Center, University of Colorado Boulder*. https://hazards.colorado.edu/uploads/basicpage/OpenDataReport_Final_2023.pdf.

Caillet, Ryan, Melissa Cantrell, Andrew Johnson, and **Aditya Ranganath**. 2022. "State of Open at the University of Colorado Boulder: An Update on Open Access Practices Based on Data from 2021." <https://doi.org/10.25810/1EFE-PZ69>.

Johnson, Annie, Carrie Johnston, and **Aditya Ranganath**. 2022. "The Third Library and the Commons." In *A Third Library is Possible: The CLIR Curated Futures Project*. Edited by Faithe Day, John Maclachlan, Jodi Reeves Eyre, Synatra Smith, and Christa Williford. <https://doi.org/10.17613/4hop-c920>.

Wrigley, Jordan, Ryan Caillet, and **Aditya Ranganath**. 2022. "Bespoke Research Data Management in the Age of Big Data: the value of a cross unit collaborative data professional community." *Research DataQ Editorial Series*. <https://researchdataq.org/editorials/bespoke-research-data-management-in-the-age-of-big-data-the-value-of-a-cross-unit-collaborative-data-professional-community/>

Caillet, Ryan, **Aditya Ranganath**, Jordan Wrigley, Andrew M. Johnson, and Melissa Hart Cantrell. 2021. "State of Open at the University of Colorado Boulder: An Update on Open Access Practices Based on Data from 2020." *University of Colorado*. <https://doi.org/10.25810/3tmp-k869>

Ranganath, Aditya. 2018. "The Politics of Globalization in a World of Global Cities." *University of California, San Diego Theses and Dissertations*. <https://escholarship.org/uc/item/3wnob37t>.

PRESENTATIONS

International and National Presentations

Ranganath, Aditya, Andrew Johnson, Renaine Julian, Matthew Mayernik, Claudius Mundoma, Matthew Murray, and Greg Stossmeister. “Enabling Open Science Through Persistent Identifiers for Research Instruments and Facilities.” Presented at the *Year of Open Science Culminating Conference*, March 21-22, 2024. <https://osf.io/pe54k>.

Mundoma, Claudius, Renaine Julian, Andrew Johnson, **Aditya Ranganath**, Matthew Mayernik, Greg Stossmeister, and Zach Chandler. “FAIR Facilities and Instruments: Standardization and Adoption of Persistent Identifiers (PIDs) for Research Facilities and Instruments.” Presented at the *Association for Biomolecular Resource Facilities (Abrf)*, Boston, MA, May 7-10, 2023. https://purl.lib.fsu.edu/diginole/research_repository_submission-8b648610-91a0-4e1f-a95c-9762124b8912.

Ranganath, Aditya. “Using GitHub Repositories to Promote Credential Transparency: Lessons from A Data Bootcamp at CU Boulder Libraries.” Presented at *Badge Summit*, Boulder, CO, July 18-20, 2023; July 24-26, 2023; August 14, 2023.

Ranganath, Aditya, and Jordan Wrigley. “The Data Bootcamp as a Platform for Data Literacy Education: Reflections from the University of Colorado Boulder.” Presented at the *47th Annual Conference of IASSIST*, Gothenburg, Sweden, June 7-10, 2022. <https://zenodo.org/record/6633777#.Y6zjKezMI6H>.

Ranganath, Aditya. “Regime Shifts and the Macrodynamics of the Global Political Economy: A Marxian Interpretation.” Presented at the *Annual Meeting of the Midwest Political Science Association*, Chicago, IL, April 7-10, 2022.

Ranganath, Aditya. “Exploring ICPSR Data Using GIS.” Presented at the *ICPSR Biennial Meeting*, Ann Arbor, MI, October 5-8, 2021.

Kuo, Jason and **Aditya Ranganath**. “Safe Hands: Political Leaders and the Cultivation of Market Confidence in Authoritarian Regimes”. Presented at the *American Political Science Association Annual Meeting* Philadelphia, PA, September 1-4, 2016.

Ranganath, Aditya. “Global City Regions and the Domestic Politics of Globalization: The Influence of Political Geography and Electoral Institutions on Trade Policy.” Presented at the *American Political Science Association Annual Meeting*, Philadelphia, PA, September 1-4, 2016.

Kuo, Jason and **Aditya Ranganath**. “Political Preferences, Leaders, and Trade Policymaking in Democracies: Does the ‘First Image’ Matter for IPE?” Presented at the *Annual Meeting of the Midwest Political Science Association*, Chicago, IL, April 16-19, 2015.

Kuo, Jason and **Aditya Ranganath**. “Political Preferences, Leaders, and Trade Policymaking in Democracies: Does the ‘First Image’ Matter for IPE?” Presented at the *American Political Science Association Annual Meeting*, San Francisco, CA, September 3-6, 2015.

Ranganath, Aditya. “Global City Regions, Electoral Institutions and the Territorial Politics of Trade Policy”. Presented at *American Political Science Association Annual Meeting*, Washington, D.C., August 28-31, 2014.

Lake, David, Jeffrey Frieden, Michael Nicholson, and **Aditya Ranganath**. “The Coming Realignment? Economic Crisis and Political Change in the United States” Presented at the *International Political Economy Society Annual Conference*, Madison, WI, November 11-12, 2011.

Regional Presentations

Ranganath, Aditya. “Human Judgment and Data Curation in an Age of Automation.” Presented at the *Southeast Data Librarian Symposium*, October 7-9, 2024.

Allmendinger, Katerina, Elizabeth Novosel, and **Aditya Ranganath**. “How to Support Trans Folx: Finding Partnerships to Support Transgender Members of Your Campus Community.” Presented at *Library Instruction Together*, May 22, 2024.

Murray, Matthew, **Aditya Ranganath**, Andrew Johnson, Renaine Julian, Matthew Mayernik, and Claudius Mundoma. “Persistent Unique Identifiers for Instruments and Facilities”. Presented at the *Rocky Mountain Advanced Computing Consortium (RMACC) High Performance Computing Symposium*, May 21-23, 2024.
<https://scholar.colorado.edu/concern/presentations/rr172004s>.

Murray, Matthew, **Aditya Ranganath**, and Mara Sedlins. “Creating and Running a Micro-Credentialed Multi-Institution Data Camp.” Presented at the *Rocky Mountain Advanced Computing Consortium (RMACC) High Performance Computing Symposium*, May 21-23, 2024.
<https://scholar.colorado.edu/concern/presentations/9wo324583>.

Ranganath, Aditya. “‘Regime Shifts’ and the Macrodynamics of the Global Political Economy: A Marxian Interpretation”. Presented at the *International Studies Association-West Annual Conference*, Pasadena, CA, September 23-25, 2021.

Local and Campus Presentations

Allmendinger, Katerina, Elizabeth Novosel, and Aditya Ranganath. “Supporting Trans Folx: Working Group Efforts So Far and Our Paths Ahead.” Presented at the *University of Colorado Boulder Libraries Faculty Development Series*, Boulder, CO, May 23, 2024.

Webinars, Invited Workshops, Panels, and Lightning Talks

Murray, Matthew and **Aditya Ranganath**. “Data Curation Network: University of Colorado Boulder Institutional Report-Out”, Presented at the “Data Curation Network All-Hands Meeting”, Princeton, NJ, June 26-30, 2023. [Lightning Talk]

Ranganath, Aditya. Member of panel “From Canned to Planned: Micro-credentials Using Programming We Already Have Developed” as part of *University of Colorado Boulder Micro-Credentials Micro-Symposium*, Boulder, CO, April 7, 2023.

Ranganath, Aditya. Member of panel on “The Academic Job Search for Graduate Students and Postdocs” hosted by the University of Colorado *Center for Teaching and Learning (CTL)*, Boulder, CO, April 20, 2023.

Eichmann-Kalwara, Nickoal and **Aditya Ranganath**. “A Gentle Introduction to Text Analysis in R.” Workshop presented at California State University-Fullerton’s *Digital Humanities Summer Connect* program, August 3, 2022.

Ranganath, Aditya. “Introducing Spatial Analysis and Visualization With ICPSR Data.” *ICPSR Webinar*, October 19, 2021.

Ranganath, Aditya and Jordan Wrigley. “Using Social Media Data Responsibly.” *Research Data Access and Preservation (RDAP) Webinar*, June 3, 2021.
<https://scholar.colorado.edu/concern/presentations/4m9odw75t>

OPEN EDUCATIONAL RESOURCES

Ranganath, Aditya. 2024. “GIS Methods and Tools.” *Interdisciplinary Training in the Social Sciences (ITSS)*. https://aranganath24.github.io/ARSC5040_GIS_2024/

Ranganath, Aditya. 2022. “Exploring the Geography of Systemic Racism With Spatial Data Science.” https://aranganath24.github.io/jmgl_sopp_workshop/. Last updated June 27, 2022.

Ranganath, Aditya. 2021. “Exploring ICPSR Data Using GIS: A Guide to Mapping ICPSR Data in R Studio.”
<https://www.icpsr.umich.edu/web/pages/instructors/fellow/ar/index.html>.

Center for Research Data and Digital Scholarship.¹ Micro-Credential Based Research Data Camps for Graduate Students:

- August 2021: https://cu-boulder-crdds.github.io/data_bootcamp/
- January 2023: https://cu-boulder-crdds.github.io/data_bootcamp_2023/
- May 2023: https://cu-boulder-crdds.github.io/data_bootcamp_spring2023/
- January 2024: https://cu-boulder-crdds.github.io/RDC_january2024/
- August 2024: <https://cu-boulder-crdds.github.io/Research-Data-Foundations-Camp-2024/>
- January 2025: <https://cu-boulder-crdds.github.io/Research-Data-Foundations-Camp-2025-January/>

Center for Research Data and Digital Scholarship. 2021. “A Guide to DMPTool for CU Boulder Researchers. https://cu-boulder-crdds.github.io/dmptool_guide/. Last updated December 14, 2021.

New York University Data Services Black Lives Matter Working Group. 2020. “Black Lives Matter Data and Resources Collection.” <https://guides.nyu.edu/dataservices/blm>.

RESEARCH GRANTS

Fair Facilities and Instruments: Enabling Transparency, reproducibility, and equity through persistent identifiers

- Grant: National Science Foundation FAIR Open Science (FAIROS) Research Coordination Network (RCN) program
- Amount awarded: \$125,177
- Role: Co-Investigator (2022-2025)

Data Advocacy for All: An Open Access Digital Repository for Innovative Data-Driven Curricula

- Grant: CU Next (internal University of Colorado Boulder grant to support pedagogical innovation)
- Amount awarded: \$300,000
- Role: Co-Investigator (2022-2025)

¹ The CRDDS Data Camp is a collaborative event involving several instructors and organizers. I have led or co-led the organizing committee for all of the Data Camps with the exception of August 2024. Individual contributors to each of the Data Camp iterations are acknowledged on the corresponding website.

Data Curation and Interdisciplinary and Highly Collaborative Research (IHCR)

- Grant: Institute of Museum and Library Services (IMLS) National Leadership Grants (Libraries)
 - Amount Awarded: \$378,046
 - Role: Co-Investigator (2020-2023)
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TEACHING EXPERIENCE (Syllabi and course/workshop materials available upon request)

Political Science and Interdisciplinary Social Science

An R Crash Course for Social Scientists

- Spring 2025
- Authored and presented intensive 5 day workshop series introducing R and R Studio to social science audience at CU-Boulder's Institute for Behavioral Science
- Topics covered included data structures and objects; functions and iteration; data cleaning and wrangling; data visualization; elementary statistics; reproducibility and communications tools (R Projects and Quarto)

GIS Tools and Methods for Social Scientists

- Spring 2022; Spring 2024
- Instructor of Record
- University of Colorado Boulder
- Program on Interdisciplinary Training in the Social Sciences (ITSS)

International Political Economy

- Fall 2019
- Instructor of Record
- Yale-NUS College, Singapore
- Department of Global Affairs

Comparative Social Inquiry

- Fall 2017; Fall 2018; Fall 2019
- Co-Instructor in team-taught course
- Yale-NUS College, Singapore
- Yale-NUS Core Curriculum

International Organizations in World Politics

- Spring 2019
- Instructor of Record
- Yale-NUS College, Singapore
- Department of Global Affairs

Global Cities

- Spring 2018
- Instructor of Record
- Yale-NUS College, Singapore
- Department of Global Affairs

American Defense Policy

- Summer 2017
- Instructor of Record
- University of California, San Diego
- Department of Political Science

International Organizations

- Summer 2016
- Instructor of Record
- University of California, San Diego
- Department of Political Science

The Politics of International Trade

- Summer 2015
- Instructor of Record
- University of California, San Diego
- Department of Political Science

Introduction to International Relations

- Winter 2013; Spring 2013
- Section Instructor
- University of California, San Diego
- Department of Political Science

Humanities and Writing

Foundations of Western Civilization: Israel and Greece

- Winter 2014; Winter 2015; Winter 2016
- Section Instructor
- University of California, San Diego
- Revelle Undergraduate College Humanities Program

Rome, Christianity, and the Middle Ages

- Spring 2014; Spring 2015; Spring 2016
- Section Instructor
- University of California, San Diego
- Revelle Undergraduate College Humanities Program

Renaissance, Reformation, and Early Modern Europe

- Fall 2016
- Section Instructor
- University of California, San Diego
- Revelle Undergraduate College Humanities Program

Enlightenment, Romanticism, and Revolution

- Winter 2017
- Section Instructor
- University of California, San Diego
- Revelle Undergraduate College Humanities Program

Modern Culture

- Spring 2017
- Section Instructor
- University of California, San Diego
- Revelle Undergraduate College Humanities Program

Libraries

Mapping Transgender Rights in R Studio

- Fall 2024
- Workshop Author and Instructor
- Center for Research Data and Digital Scholarship, University of Colorado Boulder
- Offered as part of programming for Transgender Awareness Week, 2024

Research Data Publication and Management

- Spring 2024
- Guest Instructor for class session in graduate-level Geography seminar on research design
- University of Colorado Boulder

Data Management Planning and Data Publication Services at the Center for Research Data and Digital Scholarship (CRDDS)

- Spring 2023
- Guest instructor for class session in graduate-level Applied Mathematics seminar
- University of Colorado Boulder

R Foundations for Data Analysis and Visualization

- Spring 2023 (2x); Spring 2022; Spring 2021
- Workshop Author and Instructor
- Center for Research Data and Digital Scholarship, University of Colorado Boulder

Navigating the National Institutes of Health (NIH) Data Management and Sharing Policy (DMSP): Tools for CU Researchers

- Fall 2023; Spring 2023; Fall 2022
- Workshop Author and Instructor (Spring 2023); Webinar co-presenter (Fall 2023; Fall 2022)
- Center for Research Data and Digital Scholarship (in collaboration with Research and Innovation Office), University of Colorado Boulder

A Gentle Introduction to Text Analysis with R

- Summer 2022
- Workshop Co-Author and Co-Instructor (with Nickoal Eichmann-Kalwara)
- Invited workshop presented at California State University-Fullerton's *Digital Humanities Connect* summer program

Introduction to Twitter Data in R

- Spring 2022; Fall 2021
- Workshop Author and Instructor
- Center for Research Data and Digital Scholarship, University of Colorado Boulder

Working with Census Data in R

- Spring 2022; Spring 2021
- Workshop Author and Instructor
- Center for Research Data and Digital Scholarship, University of Colorado Boulder

GIS Tools for Qualitative Social Scientists

- Spring 2022
- Guest instructor for graduate-level seminar on qualitative data and methods
- Center for Research Data and Digital Scholarship, University of Colorado Boulder

Visualizing and Analyzing the Geography of Systemic Racism using GIS

- Spring 2022
- Workshop Author and Instructor
- Center for Research Data and Digital Scholarship, University of Colorado Boulder

Open-Source Tools for Web-mapping

- Spring 2021
- Workshop Co-Author and Co-Instructor (with Phil White)
- Center for Research Data and Digital Scholarship, University of Colorado Boulder

Strategies for Finding Data

- Summer 2021
- Workshop Co-Author and Co-Instructor (with Jordan Wrigley)
- Center for Research Data and Digital Scholarship, University of Colorado Boulder

Introduction to Data, Technology, and the Law

- Fall 2021
- Workshop Co-Author and Co-Instructor (with Rebecca Ciotta)
- Center for Research Data and Digital Scholarship and Law Library, University of Colorado Boulder

Data Management at CU Boulder

- Spring 2021; Spring 2023
- Workshop Co-Author and Co-Instructor (with Andy Monaghan; Dylan Perkins)
- Center for Research Data and Digital Scholarship, University of Colorado Boulder

Introduction to QGIS

- Spring 2020; Fall 2020
- Workshop Author and Instructor
- New York University Libraries Data Services

Introduction to GIS in R

- Fall 2020
- Workshop Author and Instructor
- New York University Libraries Data Services

Introduction to Raster Analysis in QGIS

- Fall 2020
- Workshop Author and Instructor
- New York University Libraries Data Services

Introduction to the Spatial Humanities

- Summer 2020
- Workshop Author and Instructor
- New York University Libraries Data Services
- Presented at Polonsky Foundation-NYU Digital Humanities Internship Program

Introduction to ArcGIS StoryMaps

- Spring 2020; Fall 2020
- Workshop Author and Instructor
- New York University Libraries Data Services
- Presented in NYU courses on Food Studies and Art History

Introduction to Pivot Tables

- Fall 2020
- Workshop Instructor
- New York University Libraries Data Services
- Presented in NYU course on Media Studies

PROFESSIONAL CONTRIBUTIONS AND SERVICE

International and National Service

Data Curation Network (DCN)

- Member, Big Data Working Group (2022-)
- Mentor, DCN Primer on Shapefiles (2024-)

- Curator-at-Large (2022-2023)
- Peer reviewer for DCN Primer (2020)
- Contributor, “Primer Hackathon” (2020)

Conference and Event Planning

- Member of *Geo4Lib* Conference 2021 Planning Committee
- Proposal reviewer and member of CLIR *DLF Forum* Planning Committee (2021 Planning Committee (2021; 2022))

Reviewer Service

- *IASSIST Quarterly* (2024-)

Open Source Project Contributions

- Lesson Maintainer for *Carpentries* lesson “Introduction to Geospatial Concepts” (2022-2023)
- Participated in GeoBlackLight code sprints and contributed revisions to project documentation (Summer 2020; Winter 2021)
- Contributed revisions to *Carpentries* lesson on “R for Social Scientists” (2021)

Institutional Service²

Committee Participation and Leadership

- At-large member, *Library Reporting and Business Intelligence Guild* (2024-)
- Co-mentor, *Teaching-Track Faculty Reappointment Mentoring Group* (2024-)
- Chair, *Curriculum Committee* (2024-)
- Member, *Librarians of the Future Advisory Board* (2024-)
- Member, *Recruitment to the Profession Guild* (2024-)
- Member, *Dean’s Advisory Committee on Inclusion, Diversity, and Equity (DCIDE)* (2022-)
- Member, *Faculty Criteria Task Force* (2023)
- Member, *Open Access Guild* (2022-2023)

Event Planning, Outreach, and Liaison Activities

- Co-lead, *Transgender Awareness Week Planning Committee* (2024)
- Member, *In-Service Day Planning Committee* (2024)
- Official Representative, Inter-University Consortium for Social and Political Research (ICPSR) (2022-)
- Designated Representative, Inter-University Consortium for Social and Political Research (ICPSR) (2020-2022)
- Reviewer, *Norlin Scholars* Scholarship Program (2022)
- Member, *Development Week Planning Committee* (2021)
- Organizer, *Faculty Brown Bag Series* (Yale-NUS College; 2019)

² Unless noted, all service appointments in this subsection were at the University of Colorado Boulder Libraries

SELECTED PROFESSIONAL DEVELOPMENT ACTIVITIES

- Participated in Data Curation Network’s Annual “All-Hands” Meeting (2024; 2023; 2021; 2020)
- Participated in Data Curation Network Workshop on “Developing Specialized Data Curation Training to Address Needed Expertise in Focused Areas” at Duke University (2023)
- Participated in “Workshop on Open Data and Reuse in Social Science Weather Research”, convened by the National Oceanic and Atmospheric Administration (NOAA) Weather Program Office and the Natural Hazards Center at the University of Colorado Boulder (2023)
- Completed *Carpentries* Lesson Maintainer training (2022)
- Completed *Carpentries* Instructor Training (on data education and pedagogy), and completed subsequent requirements for instructor certification (2021)
- Participated in “Google Cloud Big Data and Machine Learning Fundamentals”, a one-day introductory workshop on the fundamentals of Google’s cloud computing platform and its data analysis capabilities (2020)
- Completed the onboarding and orientation process for the *Data Curation Network*, which covered best practices in data curation (2020)
- Completed Council on Library and Information Resources (CLIR) Postdoctoral Program Orientation (2019), and subsequent professional development sessions over the course of 2019 and 2020, which covered a wide variety of topics relevant to academic libraries and digital scholarship

CURRENT PROFESSIONAL MEMBERSHIPS

- American Library Association (ALA)
- Association of College and Research Libraries (ACRL)
- International Association for Social Science Information Service and Technology (IASSIST)
- Research Data Access and Preservation (RDAP) Association
- Research Data Alliance (RDA)

FELLOWSHIPS, HONORS, and AWARDS

- Employee of the Month, University of Colorado Boulder Libraries (November 2021)
- Inter-university Consortium for Social and Political Research (ICPSR) Visiting Representative Fellowship (2021)
- UCSD Political Science Department Fellowship (2010-2011; 2011-2012)
- UCSD Political Science Sanford Lakoff Research Fellowship (2015)