

Jonathan O. Cain

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Education

MS Information and Library Science | Pratt Institute | 2010

MA Africana Studies | New York University | 2007

- Thesis: Transnational Identities: Black Voluntary Immigrants, African-Americans and the Conflict of Ethnic Blackness

BS Anthropology | College of Charleston | 2004

- Minors: African Studies, Africana Studies

Additional Education

Université de Paris – Sorbonne | Paris, France (French Culture & History)

Speos - Paris | Paris, France (Film Photography)

Political Management | George Washington University (SIW) | Washington, DC

Experience

Interim Director of Digital Strategies (Associate Librarian) | University of Oregon | Eugene, Oregon

October 2019 - Present

- Provide oversight and strategic direction to the departments of Digital Scholarship Services (and the Digital Scholarship Center) with its concentration of Digital Scholarship, Digital Humanities, Open Access Initiatives, Institutional repository services and digital publishing and direct oversight of the Data Services Department and its functions including research data management and reproducibility, cartographic data services, including revenue-generating Aerial Photography Research Services and the Statistical Research Consulting Service.
- Maintain strategic connections with Library Technology Services and external partners such as Information Services
- Develop and maintain a partnership with the College of Education for Data Science support and Qualitative Data Analysis Support
- Maintain partnerships with Data Science Initiative and Research Advanced Computing Services
- Develop strategic partnership in support of Undergraduate Research as a member of the Undergraduate Research Symposium and support of McNair Scholars'
- Launched the Scholars' Bank: Data, the University of Oregon Libraries' Data Repository

- Coordinated the successful transition of Data Services (consulting, RDM, workshop delivery, and APRS) to remote or hybrid service delivery models.

Head of Data Services & Librarian for Data Initiatives and Public Policy, Planning, and Management | University of Oregon | Eugene, Oregon

October 2017 - Present

- Oversee the creation of the Data Services Department and the design the departmental direction and goals including:
 - Research Data Management and Reproducibility functions (consultations, workshops, and other services)
 - Maps and GIS data
 - Aerial Photography Research Service which in addition to serving the research and learning needs of faculty and students; operates as a cost-recovery business to external clients
 - Overseeing the UO Libraries Data Repository
- Created the Statistical Support Program, a joint program between the Libraries and the Graduate School, comprising a statistician and three graduate employees supplying statistical consultations and workshops.
- Created the Librarian for Research Data Management and Reproducibility position
- Co-created and delivered a credit-bearing course on research data and records management for undergraduate students in STEM majors
- Co-created and offer workshop series teaching introductory data science skills using R for faculty, students, and staff offered each quarter
- Developed a partnership with Research Advance Computing Services to offer collaborative workshops in the libraries (Globus, Git) in support of the Presidential Data Science Initiative
- Co-created Data Stories competition as a part of the University of Oregon Undergraduate Research Symposium
- Created Data Literacy Workshop series in partnership with UOHack (Data Journalism)
- Direct the work of two faculty direct reports (and built a team including 2 Classified Staff Members, 3 Graduate Employees, and 6 Student Employees)
- Liaison to the School of Public Policy, Planning, and Management (PPPM)
- Created and supervised the Data and Digital Service Graduate Assistant Position (this position is in partnership with PPPM)
- Serve as the Faculty Advisor to Peer Exchange (PPPM), advocating for underrepresented students
- Oversee the Local and Regional Document Archive, a part of Scholars' Bank, the UO institutional repository
- Collaboratively planned and co-facilitated first Oregon based Library Carpentry workshops in partnership with Oregon State University Libraries which drew attendance from across the Pacific Northwest (Oregon, Washington, Idaho)

Librarian for Data Initiatives and Public Policy, Planning, and Management | University of Oregon | Eugene, Oregon

February 2016 - October 2017

- Liaison to the Department of Public Policy, Planning, and Management
- Lead the Research Data Management Initiative
- Direct work of three data-focused librarians
- Lead in the recreation of research data management policies and infrastructure
- Co-Created the Digital Scholarship Interest Group (DSIG)
- Created the Digital Scholarship Workshop Series for library faculty /staff
- Created and supervised the Data and Digital Service Graduate Assistant Position
- Serve as the Faculty Advisor to Peer Exchange, advocating for underrepresented students
- Oversee the Local and Regional Document Archive, a part of Scholars' Bank, the UO institutional repository
- Organized and Hosted the State of Black Oregon Report 2015: A Panel Discussion at UO Libraries

Instructor, Applied Information Management Program | University of Oregon | Portland, Oregon

2016 - 2018

- As an Instructor in the Applied Information Program, I taught a credit-bearing graduate-level course focused on how electronic information is produced, constructed, and validated using both the library and open information sources.

Government Information Librarian | University of Oregon | Eugene, Oregon

July 2014 - January 2016

- Oversee the Local and Regional Document Archive.
- Liaise with government agencies to incorporate local government information for preservation and access in the institutional repository
- Led a committee of five staff and faculty through the final stages of LibGuides CMS implementation and integration of Canvas LMS
- Served as Presiding Officer of the Library and Officers of Administration and sat on Library Council (UO Libraries Leadership)

Reference and Instruction Librarian (Asst. Professor) | Hunter College (CUNY) | New York, NY

July 2011 - July 2014

- Provide research and instruction
- Subject Specialist for Economics, Human Geography, Africana/Puerto Rican-Latino Studies

- Created digital learning web app for CUNY students
- Co-Created and led Digital Scholarship@Hunter College initiative
- Liaison to the Hunter College Gene Center and provided presentations on new tools for research and digital scholarship
- Co-led a team to evaluate library spaces and services, resulting in a conference publication and trade publication
- Co-led UX study on library website resulting in a conference presentation and scholarly publication

Reference Associate (Coles Science Center) | New York University | New York, NY

July 2007 - July 2011

- Provided reference and instruction for sciences, social sciences, and humanities
- Manage two direct reports (student employees)
- Created Grey Literature, Open Source Software, data management, and science libguides
- Served on several committees focused on user experience, data services, graduate student services, and library policy

Graduate Research Assistant | New York Study of Social and Literacy Development | New York University | New York, NY

2006 - 2007

- Traveled to 18 public schools across New York City
- Conducted classroom surveys to children in 3rd, 4th, and 5th grades
- Performed classroom observation and evaluations of both teachers and classroom climate based on predetermined scales

Campaign Organizer | MoveOn PAC | Milwaukee, WI

October 2004 - November 2004

- Recruited, trained, and directed the efforts of 27 community leaders from across Milwaukee, WI to recruit a voting team for the 2004 presidential election.
- Coordinated the Get Out the Vote (GOTV) activities for over 20 wards on election day 2004.

Assistant Canvass Director | Grassroots Campaigns | Atlanta, GA, and Washington, DC

August 2004 - October 2004

- Co-managed a Grassroots Campaigns field office, and directly lead a field team of five to ten canvassers, with bottom-line responsibility for local operations (staff management, canvassing, recruitment, and administration) first in Atlanta and then Washington, DC

Publications

Cain, J., Cooper, L., Demott, S., & Montgomery, A. (2019). Where is QDA hiding? An analysis of the discoverability of qualitative research support on academic library websites. *IASSIST Quarterly*, 43(2), 1–9. <https://doi.org/10.29173/iq957>

Contributing author, *The Open Source Alliance for Open Scholarship Handbook*. Available at <https://osaos.codeforscience.org>

Cain, Jonathan O. "Using Topic Modeling to Enhance Access to Library Digital Collections" *Journal of Web Librarianship* (2016):1-18.

Bryant, T. and Cain, J. "Coordinating Diverse Public Programs at Your Library" *OLA Quarterly*, 21(4), 36-38. <http://dx.doi.org/10.7710/1093-7374.1835>

Cain, J. and Treneman, G. "Offering New Spaces to the Space Strapped Student." *College and Research Libraries News*. 76.7 (2015) : 366-369

Andre Becker, D., Bonadie-Joseph, I., & Cain, J. (2013). "Developing and completing a library mobile technology survey to create a user-centered mobile presence." *Library Hi Tech* 31.4 (2013) : 688–699.

Cain, Jonathan O. (2010). Web 2.0 Utilization in E-Diplomacy and the Proliferation of Government Grey Literature. *GreyNet: The Grey Journal* 6.1(2010): 15-23

Works in Progress

Bryant, T. & Cain, J.O. *Libraries and Nonprofits: Collaboration for the Public Good*. Sacramento, CA: Litwin Books, LLC. (Under Contract)

Lym, B., Lee, C., Cain, J., Bryant, T., Schlesinger, K. *Excellence in Diversity, Equity, and Inclusion: A Handbook for Academic Libraries*. Association of College and Research Libraries (Under Contract)

Prof. Development/ Cont. Education

Leadership Institute for Academic Librarians (2019) | Harvard Graduate School of Education | Cambridge, Massachusetts

Certified Data Carpentry Instructor, The Carpentries

Tidyverse: Train- the -Trainer Certificate (2018), RStudio

Mozilla Open Project Lead. Mozilla Open Leaders Round 5 2018
(<https://mozilla.github.io/leadership-training/round-5/projects/#oregon-nonprofit-index>)

Library Management Institute (2017) | DeEtta Jones & Associates Consulting | Oregon City, Oregon

“Wrangling Big Data for DH” | Digital Humanities Summer Institute | University of Victoria | Victoria, BC

“Cloud Powering DH Research” | Digital Humanities Summer Institute | University of Victoria | Victoria, BC

SHARE Curation Associate (2016-2017) SHARE (Center for Open Science and Association of Research Libraries) | Charlottesville, Virginia
Project: ORCID Harvester

IRDL Scholar (2016-2017) Institute for Research Design in Librarianship | Los Angeles, California
Project: The Research Cycle and Data Management Practices of Primary Investigators

Providing Social Science Data Services: Strategies for Design and Operation | ICPSR Summer Program in Quantitative Methods of Social Research (2016) | Ann Arbor, Michigan

Research Data Management and Sharing by The University of North Carolina at Chapel Hill & The University of Edinburgh on Coursera. Certificate earned on May 3, 2016".

“The Data Scientist’s Toolbox by Johns Hopkins University on Coursera”. Certificate earned on June 8, 2016.

Project Management - Advanced Series | University of Oregon Professional Development | 2017

Project Management - Introductory Series | University of Oregon Professional Development | 2016

National Black Election Surveys | ICPSR Summer Program in Quantitative Methods of Social Research (2012) | Ann Arbor, Michigan

Association of Health Professionals, MLA (Provisional Member, 2013)

Grants and Awards (selected)

Association of Research Libraries Leadership and Career Development Program Fellow (2020-2021)

Richard and Mary Corrigan Solari Fellowship Recognition Award (2019) for outstanding contributions to the University of Oregon, UO Libraries and the Library Profession (<http://bit.ly/cainsolari>)

Travel Scholarship to attend OpenCon (Association of Research Libraries funded)

Open Knowledge Practicum Fellow @ Digital Humanities Summer Institute 2017, University of Victoria

DHSI 2017 Tuition Scholarship - "Wrangling Big Data for DH", University of Victoria

DHSI 2017 Tuition Scholarship - "Cloud Powering DH Research", University of Victoria
Library Faculty Professional Development and Organizational Development Award Recipient (2016)

CUNY CUE Grant Fourth Floor Redesign Project (2013)

FITT Grant (2012) - \$2,000.00 to develop a web app version of my teaching tool. The Research Journal

Hunter College Presidential Travel Grant (2012, 2013)

Pratt Black Alumni Scholarship (2009-2010)

New York Black Librarian Caucus Donna Hoke Scholarship(2009-2010)

Pratt SILS Merit Scholarship (2008-2009)

Posters

Proctor, Sarah & Cain, Jonathan. "Spatial Preference Patterns: Visualizing user preference after an internal space redesign". Presented at GIS in Action Conference. Portland, OR. 17-18 April 2017.

Cain, Jonathan, & Treneman, Gardner. "Evaluation of High-Density, Multi-Purpose Library Spaces: An assessment of Hunter College Libraries users' reaction to space renovations." Presented at the Library Assessment Conference, Seattle, WA. 4-6 August 2014.

Presentations

"Rethinking Engagement: Supporting Research and Student Success through Statistical Consulting" as "Statistical Consulting in the Library." 2020. CNI: Coalition for Networked Information. <https://www.cni.org/topics/teaching-learning/statistical-consulting-in-the-library> (May 9, 2020).

Invited Speaker. Data in Society: Using Data Services for Technological Uplift. (n.d.). Retrieved February 13, 2020, from https://it.adelphi.edu/au_event/data-in-society-using-data-services-for-technological-uplift/

Invited Speaker. University Libraries Presents: "Centering the Libraries as a Space for Technology-Based Equity" | Stony Brook University Libraries. (n.d.). Retrieved February 13, 2020, from <https://library.stonybrook.edu/library-events/university-libraries-presents-centering-the-libraries-a-s-a-space-for-technology-based-equity/>

Cain, J. & McElroy, K.(2019) "I know exactly how many XXXX students are on this campus" 2019 ACRL Washington/Oregon Joint Conference. Pack Forest, Eatonville, WA [October 27, 2019](#)

Cain, J. (2019, April). Impact of Data on Society. Presented at the What is Technology?, University of Oregon, Portland, Oregon. Retrieved from <https://blogs.uoregon.edu/whatistechnology/program/>

Cain, J. (2019). Keynote Panelist: Teaching as We Learn: Using Digital Research Workshops to Increase Data Services Capacity. Online Northwest. Retrieved from <https://pdxscholar.library.pdx.edu/onlinenorthwest/2019/schedule/19>

Cain, Jonathan."2019 Undergraduate Research Symposium: Data Stories information Session." Presentation to Lane County Community College Students and Faculty. Eugene, OR 16 April 2019

Cain, Jonathan. "Data in Society: Using Library Data Services for technological uplift". Digital Libraries: How New and Emerging Technologies Enhance and reinforce the Mission of Academic Libraries" (Panel) What IS? Technology. Portland, OR 29 March 2019

Cain, Jonathan. "Developing Specialized Services to Cultivate Common Skills". IASSIST 2017. Lawrence, KS. 23-26 May 2017.

Cain, Jonathan & Bryant, Tatiana. "Is your research Valid?: Reflections on the Institute on Research Design in Librarianship". Online Northwest. Portland, OR. 31 March 2017

Bryant, Tatiana & Cain, Jonathan. "Teaching About Oppression & Resistance In Oregon". Lunch Lecture. University of Oregon, Portland. Portland, OR. 16 March 2017

Cain, Jonathan & Bryant, Tatiana. "Is your research Valid?: Reflections on the Institute on Research Design in Librarianship". UO Libraries Faculty Forum. Eugene, OR. 25 October 2016

Invited, Cain, Jonathan "We Built it. Did They Come? Space and service analysis of a recent renovation in an urban academic library." International Conference on Qualitative and Quantitative Methods in Libraries.

Cain, Jonathan. "Using GitHub to Enhance Government Data Access". Digital Libraries Foundation Forum 2015, Vancouver, BC. 27 October 2015

Cain, Jonathan. "Using Topic Modeling to Enhance Library Collections". ACRL 2015, Portland, OR. 26 March 2015.

Cain, Jonathan. "Using Topic Modeling to Enhance to Digital Government and Archival Collections". Presented at the Online Northwest 2015, Corvallis, OR. 13 February 2015.

Becker, Danielle & Cain Jonathan. "Creating User-centered Web Sites Through User Feedback". Macalester College. Library Technology Conference, St. Paul, MN. 20 March 2014.

Cain, Jonathan & Moustafa, Laila Hussein. (2013, October). "Disaster Management Planning in the Middle East". Presented at the New York Archives Week 2013 Symposium Disaster Planning for Archives and their Communities, New York, NY. 7 October 2013.

Cain, Jonathan. "Digital/Analog/Digital". Presented at the Hunter College ACERT Tech Thursday. Building student research and writing skills: Collaborations with library faculty., Hunter College New York, NY. November 2011.

Cain, Jonathan. "Is The Research Paper Dead? Reinvigorating the Research Process. " Presented at the ACERT Teaching Tuesdays, Hunter College NY, NY. (n.d.)

Cain, Jonathan. "Mendeley & Data Repositories: New Tools for Discovery and Collaboration". Hunter College

Service (selected)

Community

[csv.conf.v5 Organizing Team](#) (May 13-14, 2020)

- Member of the organizing team for the successful conference.
- Successfully transition to a virtual conference
- Over 1,000 registered attendees
- Moderator for [Keynote Sessions](#)

csv.conf.v4 Organizing Team (2019)

- Member of the conference organizing team.

OpenCon Cascadia (2019) Planning Committee

- Served on the planning committee for the 2019 OpenCon satellite event. With other members of the project team responsible for fundraising, promotion, organization, and other logistical matters relating to the two-day conference.

OpenCon Cascadia (2019) Safety Officer

- Served as one of two safety officers for the event, enforcing the Code of Conduct for conference participants

Mozilla Open Leaders Program "Expert"

- Provide expert consultation on issues of data management in open project management as requested by program participant and mentor

IASSIST Qualitative Social Science & Humanities Data Interest Group ("Expert List" Member)
2017-Present

Oregon Black Pioneers (Oregon African American Museum Project) — Board Member, 2016-2020

- Board member for Oregon Black Pioneers Corporation also known as the Oregon African American Museum Project.
- Co-Chair Virtual Museum Committee

Collaborative Librarianship — Editorial Board Member, 2016-Present

- Editorial board member for the peer-reviewed journal Collaborative Librarianship.

Digital Library Federation Forum — Inclusivity Committee Member, 2016-2016

- Inclusivity committee member for the Digital Library Federation Forum 2016.

2015 State of Black Oregon: A Panel Discussion — Organizer

- Urban League of Portland report release event at UO

Oregon State Library Technology Advisory Council — Elected Chair, 2016-2017

- Lead the LSTA in the advisement of the State of Oregon's library board on which libraries and projects around the state of Oregon should receive federal (LSTA) grant funding.

Oregon State Library Technology Advisory Council — Elected Member, 2014-2017

- Advise the State of Oregon's library board on which libraries around the state of Oregon should receive federal (LSTA) grant funding.

Oregon State Library State Database Licensing Advisory Group — LSTA Representative, 2016-2017

- Served as a non-voting representative to the State Database Licensing Advisory Group, which advises the LSTAC on the Statewide Licensing Program (SDLP).

Library Association of City University of New York (LACUNY) — President, 2014

- President of the CUNY Libraries Library Association, representing the faculty and staff of over twenty libraries. Oversaw the executive committee responsible for membership enrollment, scholarship dispersal, and the execution of conferences and professional development events.

Reference Special Interest Group, NY Metropolitan Council — Co-convener,

- Worked with fellow Co-convener Meg Smith to plan presentations, group shares, and workshops on topics of interest to Reference SIG attendees.

THATCamp 2012 — Organizer, 2011-2012

- Led a team that organized a two-day unconference attended by over eighty scholars, librarians, technologists, and students. Received over \$5000 in sponsorship from multiple universities, Microsoft Research and JSTOR+Ithaka. Fostered an online THATCampNY presence and community

University of Oregon

Current

- UO Mental Health Advisory Council
- Undergraduate Research Symposium
- Secure Research Environment task force (Campus Wide)
- Oregon Digital Advisory Board

- Research Support Coordination Team

Concluded

- Greater Western Library Association-Research Data Management Task Force (Member)
- Library Technology Group (Member)
- Evaluation, Assessment and User Experience (EAUX) Team
- Library Faculty Grants and Awards Committee
- Black Cultural Center Naming Committee
- SSIL Data Service Task Force (Co-Lead)
- Student Health Advisory Committee (Campus-wide)
- Academic Design Innovation Lab Committee (Member)
- Orbis Cascade Alliance CCD Data Sets Working Group (Member)
(<https://goo.gl/WYLWPX>)
- Research Data Management Initiative (Team Lead)
- Strategic Planning Steering Committee, 2017-2020
- Online User Interface (OUI) Working Group
- Systems Librarian Search Committee
- Experiential Technologies Working Group
- HoloLens Development Group (Founder and Lead)
- West Wing Task Force
- CMET/DSC Integration Task Force
- LFOA Executive Board
- UO Libraries' Digital Scholarship Interest Group (Founder and Lead)
- Health Center Promotion Manager Search Committee (Campus Wide)
- Undergraduate Research Symposium Poster Award Judge (Campus Wide)
- Health Promotion Specialist Search Committee

Hunter College

- Digital Scholarship @ Hunter
- Library Systems Search Committee
- Hunter College Faculty Senate
- Hunter College Libraries Web Committee

New York University

- Graduate Student Working Group
- Virtual Reference Services
- Data Services
- Techpod Group

Media

- [Rethinking Engagement: Supporting Research & Student Success through Statistical Consulting](#)
- [The State of Black Oregon Report 2015: A Panel Discussion](#)
- [Managing/Sharing Research With Hunter College Website and RefWorks](#)
- [Mendeley & Data Repositories: New Tools for Discovery and Collaboration](#)
- [Our Lives as Editors of a Predatory Journal: Lessons Learned Publishing a Scholarly Open Access Journal](#)

Teaching

Credit Courses

Records and Data Management for STEM Disciplines (LIB 399) | University of Oregon | Eugene, Oregon

Applied Information Management (AIM 607) | Introduction to Electronic Information | University of Oregon | Eugene, Oregon

Library 100 (LIBR 100) | Information Research| Hunter College (City University of New York) | New York, NY

Workshops (selected)

Open Science Framework for Digital Research and Projects

Introduction to the Tidyverse

Introduction to Web Scraping and Text analysis with R

Data For Humanists

Introduction to Survey Creation

Library Carpentry

Introduction to R 1 (Basic R)

Introduction to R 2 (Data Visualization and Mapping with R)

Introduction to R 3 (Introduction to APIs with R)

Introduction to R for Digital Humanities Scholars

Introduction to Zotero

Advanced Zotero

Introduction to Foundation Directory

Skills

Technical Skills

R, SQL, Python, Bash, UX Design, Data Acquisition, Data Management, Data Analysis, Visualization, Text Mining, Topic Modeling

Management Skills

Project Management, Strategic Partner Development, Change Management, Collaborative Design, Program Formation