Daryl Barker — Curriculum Vitae

PhD Candidate, Department of Information Studies, University of California, Los Angeles

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Research Interests

Internet governance and infrastructure · Internet Exchange Points · critical information studies · technical histories of the internet · international political economy of digital infrastructure · digital sovereignty · AI governance · data and privacy · digital humanities · archival practice

Education

PhD, Information Studies — University of California, Los Angeles · 2022–2027 (expected)

- Dissertation: the governance of Internet Exchange Points as sites of power in global internet infrastructure
- Advisor: Robert Motoya

Graduate Certificate, Digital Humanities — University of California, Los Angeles · 2022

MLIS, Library and Information Science (Academic Librarianship) — University of California, Los Angeles · 2022

BA, Politics — Occidental College · 2017

Nuclear Engineering Technology — U.S. Navy Nuclear Power Training Unit, Charleston, SC · 2009

Teaching Experience

Graduate Student Instructor — University of California, Los Angeles · 2022–present

- Lead weekly practical sessions in courses on the design, management and use of information systems and data (Python, Tableau, qualitative coding tools, digital archive platforms)

- Mentor student teams through system design, dataset creation and policy analysis projects
- Evaluate programming projects, database queries, visualizations, and papers on information ethics and policy

Visiting Instructor, First-Year Seminar — Occidental College · Fall 2023

- Designed and taught a topic-based seminar on galleries, libraries, archives and museums (GLAM)
- Taught sequenced academic writing and information literacy; advised first-year students on academic planning

Graduate Teaching Assistant, Critical Theory and Social Justice — Occidental College · Spring 2021

Lead Facilitator, Media Production Curriculum — The Representation Project · 2021

- Designed a youth media curriculum (photography, video, graphic design) centered on gender representation and critical media literacy

Research Experience

Doctoral Researcher — Department of Information Studies, University of California, Los Angeles · 2022–present

- Examines how organizational and political choices shape the governance of Internet Exchange Points
- Analyzes IETF RFC standards and site-specific policies using critical discourse analysis and process tracing
- Develops a framework bridging political theory and technical standards, with comparative international political economy of IXPs across national and regional contexts

Research Associate — The Representation Project, Sacramento, CA · 2021–2022

- Designed content-analysis coding frameworks and managed large-scale media monitoring projects on gender representation
- Produced research reports, policy briefs and data visualizations for policymakers, media and the public

Research Associate — Geena Davis Institute on Gender in Media, Los Angeles · 2017–2018

- Analyzed thousands of media samples across 30+ metrics for quarterly, semiannual and annual reports
- Analyzed media in the training set for the GD-IQ AI model

Research Intern — Geena Davis Institute on Gender in Media · 2017

- Developed best practices and high-reliability metrics for social science coding of gender representation in media

Library and Archival Experience

Project Archivist — The Braid, Los Angeles · 2025–present

- Developed the archival plan and catalog records for a collection documenting the narratives of women rabbis
- Processed, described and preserved 1.75 TB of born-digital material and 4 linear feet of paper records
- Formalized archival workflows, internal guidelines, and long-term preservation and access strategy

Adjunct Faculty Librarian — Pasadena City College · 2023–2026

- Taught credit courses and course-integrated information literacy sessions, in person and online
- Developed LibGuides, tutorials, videos and research handouts; assessed student learning outcomes against the ACRL Framework
- Provided reference and research consultations in person, via LibChat and by appointment

Instruction and Research Librarian, Sciences and Social Sciences — Occidental College · 2022

- Led outcomes-based information literacy instruction aligned with the ACRL Framework
- Provided research consultations on literature and systematic reviews, subject databases (PubMed, PsycINFO, Web of Science), data and GIS resources

Library Graduate Student Research Assistant and Student Lead for Teaching and Learning — Charles E. Young Research Library, UCLA · 2021–2022

- Supported digital humanities, digital preservation and digital exhibit projects; maintained LibGuides

- Delivered workshops on citation management and research tools; supported the ETD submission process

Reference and Instruction Librarian Intern — East Los Angeles College · 2021

Professional Experience

Veteran Program Coordinator — Occidental College · 2022–2024

- Managed the Veterans Resource Center, educational-benefit compliance, and outreach to military-connected students
- Collected and reported data on veteran enrollment, retention and graduation

Veterans Peer Advisor — University of California, Los Angeles · 2021–2022

Research Associate; Research Analyst — Expert Institute, Los Angeles · 2018–2020

- Vetted subject-matter experts in law, medicine and engineering for attorney clients
- Supported $2.13 million in annual accounts; personally handled $1.7 million in transactions over two years

Owner and Photographer — DJ1 Photography, Los Angeles · 2014–2019

Senior Photo Editor; Staff Photographer — *The Occidental Weekly* · 2015–2017

- Supervised 12–15 staff photographers, 10 illustrators and 3 videographers

Photo Intern — Southern California Public Radio (KPCC) · Summer 2017

Finance Intern — U.S. Senate Campaign, Florida · 2016

See Jane Fellow — Geena Davis Institute on Gender in Media · Summer 2016

Diversity Manager — Occidental College · Summer 2016

- Designed a three-part training on LGBTQ+ inclusion for student organizations, faculty and staff

Education Rights Project Intern — Public Counsel, Los Angeles · Summer 2015

- Conducted litigation research and analyzed public records (FOIA, CPRA) for education rights cases

Military Service

Electrician's Mate First Class (E-6), Nuclear-Qualified — U.S. Navy, USS *Tennessee* (SSBN-734), Kings Bay, GA · 2008–2014

- Operated and maintained shipboard power, propulsion and distribution systems under Naval Nuclear Propulsion Program standards; supervised junior electricians

Engineering Department Training Assistant — U.S. Navy, Kings Bay, GA · 2012–2014

- Administered qualification records, training schedules and materials; coordinated on-the-job training and casualty drills
- Prepared training documentation for inspections, including the Operational Reactor Safeguards Examination (ORSE)

Honors and Awards

- Navy and Marine Corps Achievement Medal
- Letter of Commendation, U.S. Navy (2)
- Dean's List, Occidental College (2)

Certifications

- GCP — Social and Behavioral Research Best Practices for Clinical Research
- UCLA HIPAA
- Online Teaching Certificate

Skills

- **Research methods:** critical discourse analysis, process tracing, comparative analysis, content analysis, qualitative coding
- **Technical:** Python, Tableau, GitHub, GIS, digital archive and catalog platforms, LibGuides
- **Other:** photography and visual media production