John D. Martin III

CURRICULUM VITÆ

February 6, 2024

CURRENT

Assistant Director of Research Data Architecture Research Data Management Core, UNC Chapel Hill

EDUCATION

PhD University of North Carolina at Chapel Hill, Information Science (2023)

MA American University in Cairo, Islamic Studies (2012)

BA Western Michigan University, Latin (2006)

RESEARCH AND PROFESSIONAL EXPERTISE

Free / Open Source Software (FOSS) education and development

Data system and infrastructure architecture and design

Research data management and archiving

Critical research methodology

Middle East cultural and research institutions

CONTACT

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0000-0001-5108-4679	ORCID

TECHNOLOGIES I USE

vim, bash, UNIX toolchain, git, GitHub	TOOLCHAIN
Linux (Debian, Ubuntu, RedHat, Fedora), Ansible, SLURM, Docker	SYSTEM / OPS
Node.js, bash, Go, JavaScript, TypeScript, R, C, Python, Perl, PHP, Ruby	PROGRAMMING LANGUAGE
HTML5 + CSS3, LaTeX, Quarto + R Markdown, JSON, XML + XSLT	MARKUP
MySQL, SQLite, MongoDB	DATABASE
Hugo, Express, SolidJS, Jekyll, Drupal, Wordpress	WEB FRAMEWORK

PEER-REVIEWED PUBLICATIONS

Articles

Amelia N. Gibson and John D. Martin III, "Re–situating Information Poverty: Information Marginal–ization and Parents of Individuals with Disabilities," *Journal of the Association for Information Science and Technology 70*(5), 2439–2448 (May 2019) https://doi.org/10.1002/asi.24128

Charles Kurzman and John D. Martin III, "The Hidden Heritage of Arab Libraries: Online Catalogs and Institutional Barriers to Discoverability," *IFLA Journal 44*(4), 300–310 (December 2018) https://doi.org/10.1177/0340035218785189

Kaitlin Costello, John D. Martin III, and Ashlee Edwards, "Online Disclosure of Illicit Information: Information Behaviors in Two Drug Forums," *Journal of the Association for Information Science and Technology 68*(10), 2439–2448 (October 2017) https://doi.org/10.1002/asi.23880

John D. Martin III and Carolyn Runyon, "Digital Humanities, Digital Hegemony: Exploring Funding Practices and Unequal Access in the Digital Humanities," *ACM SIGCAS Computers and Society 46*(1), 20–26 (March 2016) https://doi.org/10.1145/2908216.2908219

Conference Proceedings

Sylvia K. Miller, David Phillips, Courtney Berger, Marjorie Fowler, Rebecca Kennison, John D. Martin III, John McLeod, and Chelcie Rowell, "Publishing Makerspace: A New Approach to Scholarly Publishing," *Where Do We Go from Here?: Proceedings of the Charleston Library Conference Proceedings* (2015) https://doi.org/10.5703/1288284316324

Barbara B. Moran, Sumayya Ahmed, Amanda B. Click, Jacob Hill, and John D. Martin III, "Flexible Strategies for Uncertain Times: An Innovative Approach to LIS Education in the Middle East and North Africa," *Libraries, Citizens, Societies: Confluence for Knowledge: IFLA WLIC 2014,* Lyon, France (16–22 August 2014) http://library.ifla.org/848/

Posters

Amy Cole, John D. Martin III, and Abhishek Bhatia. "Utilizing the Dataverse Framework to Configure and Implement a Validated FDA-Compliant Research Archive," *AMIA Annual Symposium,* New Orleans, Louisiana (11 November 2023)

John D. Martin III, Thu-Mai Lewis, Matthew Dunlap, "Neither Seen Nor Heard: Developing automated user testing for the UNC clinical trials Dataverse validation project," *Dataverse Community Meeting,* Braga, Portugal (5-7 June 2023) https://osf.io/b3fvc

John D. Martin III, Elliott Hauser, and Lawrence Jones, "Teaching Information Tools on the Command Line: UNC's INLS 161," *ALISE '18,* Denver, Colorado (6-9 February 2018)

John D. Martin III, "Piracy, Public Access, and Preservation: An Exploration of Sustainable Accessibility in a Public Torrent Index," *2016 Annual Meeting of the Association for Information Science and Technology (ASIS&T),* Copenhagen, Denmark (14–18 October 2016) http://doi.org/10.1002/pra2.2016.14505301123

APPOINTMENTS

Assistant Director of Research Data Architecture, Research Data Management Core, University of North Carolina at Chapel Hill (May 2023–Present)

Research Data Systems Archivist, Odum Institute for Research in Social Science, University of North Carolina at Chapel Hill (June 2022–May 2023)

Adjunct Teaching Assistant Professor, Department of Computer Science, University of North Carolina at Chapel Hill (2020–2023)

- COMP 426, Modern Web Programming (Fall 2021–Spring 2023)
- COMP 126, Practical Web Design & Development for Everyone (Spring 2020)

Developer, Curating for Reproducibility, Odum Institute, University of North Carolina at Chapel Hill (August 2021– June 2022)

Research Assistant, Arab Public Data Initiative, University of North Carolina at Chapel Hill (Fall 2020)

Adjunct Instructor, Department of Library and Information Science, School of Communication and Information, Rutgers University (2019)

- SCI:LIS:510 (17:610:510), Human Information Behavior (Fall 2019)

Adjunct Lecturer, Department of Library and Information Science, School of Informatics and Computing, IUPUI (2018–2019)

- LIS–S 506, Introduction to Research (Fall 2018–Summer 2019)

Adjunct Instructor, School of Information and Library Science, University of North Carolina at Chapel Hill (2015–2018)

- INLS 161, Tools for Information Literacy (Summer II 2015/2016/2017)
- INLS 780, User Interface Design (Spring 2017)
- INLS 500, Human Information Interaction (Fall 2015/2016/Summer II 2018)

Graduate Research Consultant, Office for Undergraduate Research, University of North Carolina at Chapel Hill (Fall 2016)

Research Assistant, School of Information and Library Science, University of North Carolina at Chapel Hill (Spring 2016)

Research Assistant, Middle East Library Partnership Project, University of North Carolina at Chapel Hill (2014–2015)

Developer, Seeing Syllabi, Digital Innovation Lab, University of North Carolina at Chapel Hill / Open Syllabus Project, Columbia University (Summer–Fall 2013)

Intern, Web Development and Staff Training, Rare Books and Special Collections Library, American University in Cairo (Spring 2013)

Research Assistant, ELIME–21, School of Information and Library Science, University of North Carolina at Chapel Hill (2012–2014)

Research Assistant, Islamic Identities, Western Michigan University, Dept. of Comparative Religion, Kalamazoo, MI (Summer 2012)

Writing Coach, Western Michigan University, Dept. of Comparative Religion, Kalamazoo, MI (Spring 2012)

Teaching Assistant, American University in Cairo, Dept. of Arab and Islamic Civilizations, Cairo, Egypt (2009–2011)

Developer, "University on the Square," Digital Archive of Material from the 25 January 2011 Revolution in Egypt, American University in Cairo Library, Cairo, Egypt (Spring 2011)

Research Assistant, American University in Cairo, Rare Books and Special Collections Library–Regional Architecture Collections Unit, Cairo, Egypt (2010–2011)

IT Consultant and System Administrator, American Research Center in Egypt, Registration, Collections Management, and Documentation Dept. (RCMDD), Egyptian Museum, Cairo, Egypt (2010–2011)

Graduate Technology Assistant, American University in Cairo, Center for Learning and Teaching, Cairo, Egypt (2008–2010)

Teaching Assistant, Western Michigan University, Dept. of Comparative Religion, Kalamazoo, MI (2004–2005)

AWARDS AND GRANTS

Expanding the Dataverse: Developing capacity for advanced multilingual research data archiving, National Leadership Implementation Grant, Institute for Museum and Library Services [IMLS Log Number: LG-254939-OLS-23, total project budget: $1,117,042; federal funds: $582,165] (August 2023–July 2027)

Middle East Library Partnership Project (named in grant proposal narrative), Scholarly Communications Grant, Andrew W. Mellon Foundation (Summer 2014–Summer 2015)

Support Grant for Spatial Humanities Incubator Group, Semaphore Working Group, Duke University/University of North Carolina at Chapel Hill (Fall 2012)

Research Grant (Competitive), Graduate College, Western Michigan University,"The Characteristic of Guidance and the Secrets of the Guided: A 13th–century Treatise on the Divine Names in Islamic Theurgic Rites," AAR Midwest 2012, Rock Island, Illinois (March 2012)

Excellence in Arabic Award, Dept. of Foreign Languages, Western Michigan University (March 2012)

Research Support Grant (University–wide, Competitive), Dept. of Arab and Islamic Civilizations, School of Humanities and Social Sciences, American University in Cairo (June 2011)

President's Grant for Study Abroad, Diether H. Haenicke Institute for Global Education, Western Michigan University (2007)

President's Scholarship for Study Abroad, Dept. of Foreign Languages, Western Michigan University (2007)

OTHER PUBLICATIONS AND PRESENTATIONS

Books Edited

Amanda Click, Sumayya Ahmed, Jacob Hill, and John D. Martin III, eds., *Libraries, Librarians and Information Science in the Middle East and North Africa,* Global Studies in Library and Information Science Series (de Gruyter/SAUR, 2016)

Martin Fowler, John D. Martin III and John L. Hochheimer, eds., *Spirituality: Theory, Praxis and Pedagogy* (Inter-Disciplinary Press, 2011)

Book Chapters

John D. Martin III, "Primum Non Nocere: Gray Area in Commanding the Right and Forbidding the Wrong," in *Live Evil: Of Magic and Men,* edited by Sophia Vivienne Kottmayer (Inter-Disciplinary Press, 2011)

Technical Reports

Charles Kurzman, John D. Martin III, Mohamed Hamed, Middle East Library Partnership Project Report, University of North Carolina at Chapel Hill (16 October 2015)

Conference presentations

Tessa Joseph–Nicholas, Laurel Foote–Hudson, Femi Alabi, Jacob Vosburgh, John D. Martin III, "Coding Diversity, Diversities of Code: Reading and Writing Leadership in Technology and Computer Science," *HASTAC 2016: Impact: Variation, Innovation, Action,* Arizona State University, Tempe, Arizona (11–15 May 2016)

Mohamed Hamed, John D. Martin III, "Middle East Library Partnership Project," *Middle East Librarians Association Annual Meeting,* Denver, Colorado (19–20 November 2015)

Kaitlin Costello, John D. Martin III, and Ashlee Edwards, "'Dude… I Zone Out Like That All the Time': Banter as Phatic Communication in the Context of Online Discussion Forums Focused on Illicit Behavior," *11th Social Informatics Research Symposium: The Impacts of Social Informatics Research,* 2015 Annual Meeting of the Association for Information Science and Technology (ASIS&T), St. Louis, Missouri (7 November 2015)

John D. Martin III and Carolyn Runyon, "Digital Cultural Hegemony: Project Funding Trends and Impact on Digital Access to Cultural Heritage," *HASTAC 2015: Art and Science of Digital Humanities,* Michigan State University, East Lansing, Michigan (27–31 May 2015)

Charles Kurzman, Mohamed Hamed, Mohammed Jassim Jirjees, David Hirsch, and John D. Martin III, "Increasing Partnerships between Libraries in the Middle East and North America," *Annual Conference of the Special Libraries Association – Arabian Gulf Chapter,* Abu Dhabi, United Arab Emirates (17–19 March 2015)

Amanda B. Click, Emily Vardell, John D. Martin III, and Leslie Thompson, "Conducting LIS Research: The Method in Our Madness," *Empirical Libraries Symposium,* North Carolina A & T, Greensboro, North Carolina (9 February 2015)

Charles Kurzman, Mohamed Hamed, and John D. Martin III, "Presentation of Preliminary Results from the Middle East Library Partnership Project Research," Roundtable, *Middle East Librarians Association Annual Meeting,* Washington, D.C. (20–21 November 2014)

Tessa Joseph–Nicholas and John D. Martin III, "The Poetics of the Syllabus: Close and Distant Readings of an Overlooked Form," *HASTAC 2014: Hemispheric Pathways: Critical Makers in International Networks,* El Ministerio Culturo, Lima, Peru (24–27 April 2014)

Barbara Moran, Amanda Click, John D. Martin III, and Sarah Ramdeen, "Educational Entrepreneurship in International Settings: Lessons Learned from LIS Collaboration in the Middle East and North Africa," *Educational Entrepreneurship: ALISE'14 Annual Conference,* Philadelphia, Pennsylvania (21–24 January 2014)

John D. Martin III and Amanda MacDonald, "The Map is Not the Territory: A Staff Development Travelogue," *Educational Entrepreneurship: ALISE'14 Annual Conference,* Philadelphia, Pennsylvania (21–24 January 2014)

Elliott Hauser and John D. Martin III, "Codex Futures: Possibilities for a Digital Codex, New Personal Libraries, and New Units of Digital Culture," HASTAC 2013: The Storm of Progress, York University, Toronto, Ontario, Canada (25–28 April 2013)

John D. Martin III and Elliott Hauser, "Algorithmic Amulet–making, Magic Square Encryption and Other Occult Technologies: Computational Methods Applied to Medieval Intellectual Artifacts," HASTAC 2013: The Storm of Progress, York University, Toronto, Ontario Canada (25–28 April 2013)

John D. Martin III, " 'The Characteristic of Guidance and the Secrets of the Guided': A 13th century Treatise on the Divine Names in Islamic Theurgic Rites," American Academy of Religion Midwest Regional Conference, Augustana College, Rock Island, Illinois (30–31 March 2011)

John D. Martin III, "Punk Rock Muslims: An Exploration of Historical Precedent for Deviant Piety," Spirituality in the 21st Century: At the Interface of Theory, Praxis and Pedagogy, 1st Global Conference, Prague, Czech Republic (20–22 March 2011)

John D. Martin III, " 'For Every Illness and Symptom': A Pragmatic Study of Medieval Islamic Magical Amulets," Perspectives on Evil and Human Wickedness, 12th Global Conference, Prague, Czech Republic (17–19 March 2011)

John D. Martin III, "Primum Non Nocere: Gray Area in Commanding the Right and Forbidding the Wrong," Perspectives on Evil and Human Wickedness, 12th Global Conference, Prague, Czech Republic (17–19 March 2011)

John D. Martin III and Jaimee Hunsdon, "Politicizing Education: Analyzing Egyptian Pedagogical Literature in the 19th and 20th Centuries," with Jaimee Hundson, Annual History Seminar, The American University in Cairo, School of Humanities and Social Sciences, Cairo, Egypt (26–28 March 2009)

Lightning Talks

John D. Martin III, "Disclosure of Incriminating Information in Online Forums," presentation on work in progress, Doctoral Research Day, School of Information and Library Science, University of North Carolina at Chapel Hill (15 January 2015)

John D. Martin III, Ashlee Edwards, Kaitlin Costello, "Breaking the Law: Disclosure of Illegal Behavior in Online Forums," presentation on work in progress, Doctoral Research Day, School of Information and Library Science, University of North Carolina at Chapel Hill (22 November 2013)

John D. Martin III, "Digitization in a Box," LAUNC–CH 2013 Annual Conference, Chapel Hill, North Carolina (11 March 2013)

FELLOWSHIPS

Royster Dissertation Completion Fellowship, Graduate School, University of North Carolina at Chapel Hill (2017–2018)

Future Faculty Fellowship, Center for Faculty Excellence, University of North Carolina at Chapel Hill (Spring 2016)

Lester Asheim Fellowship, School of Information and Library Science, University of North Carolina at Chapel Hill (2015–2016)

HASTAC Scholar Fellowship (2014)

ELIME–21 Fellowship, School of Information and Library Science, University of North Carolina at Chapel Hill (2012–2014)

INVITED TALKS, PANELS, AND GUEST LECTURES

"Embedded Epistemology," guest lecture for *Retrieval and Organization Systems* (INLS202) University of North Carolina at Chapel Hill (22 January 2018)

"Privacy and Oversharing Online: A Look at 21st Century Trust," Carolina Science Cafe, Chapel Hill, North Carolina (7 September 2016)

"A Publishing Makerspace," (with Sylvia Miller), Scholarly Communications Working Group, Davis Library, University of North Carolina at Chapel Hill (11 February 2015)

"Pipelines to the Library & Information World: UNC–Greensboro & UNC–Chapel Hill," Davis Library, University of North Carolina at Chapel Hill, Panelist (9 October 2013)

MEDIA COVERAGE

Patrick Seelinger, "Scraping for Secrets on Online Drug Forums," *Endeavors* (ISSN 1933–4338) (20 October 2016)

WORKSHOPS

Workshops Organized

Publishing Makerspace Workshop for The Sonic Dictionary, Franklin Humanities Institute, Duke University (16 September 2016)

Publishing Makerspace: Adventures in Publishing, Publishing Makerspace Working Group, Franklin Humanities Institute, Duke University (19 November 2015)

Publishing Makerspace Visioning Workshop, PhD Lab, Franklin Humanities Institute, Duke University (3 March 2015)

Tutorial on Using *git* and *GitHub* for Collaborative Authoring, Publishing Makerspace Working Group, Franklin Humanities Institute, Duke University (15 May 2014)

Digital Authoring Tools Incubator Group (with Ashley Reed and Sylvia K. Miller), University of North Carolina at Chapel Hill (five part workshop, Spring 2013)

Spatial Humanities Incubator Group (with Ashley Reed and Sylvia K. Miller), University of North Carolina at Chapel Hill (five part workshop, Fall 2012)

Intensive English and Computing Workshop, Desert Development Training Center (DDTC), New Basaisa, Ras Sudr, South Sinai (August 2010)

Sponsored participation

Delegate, Publishing Makerspace Working Group, Scholarly Communication Institute, Duke University (9–13 November 2014)

Delegate, Open Syllabus Project Workshop & Hackathon, Columbia University (6–7 June 2014)

COMMUNITY AND SERVICE ACTIVITIES

Data Management Working Group, Office of the Vice Chancellor for Research, University of North Carolina at Chapel Hill (2022-2023)

Nominating Committee for Executive Officers, ACM SIGCAS Computing and Society (2016)

Events Officer, ASIS&T Special Interest Group on Arts and Humanities (SIG–AH) (2016-2017)

Digital Humanities Editor, ACM SIGCAS Computing and Society (2016–2017)

Doctoral Student Representative, Personnel Committee, School of Information and Library Science, University of North Carolina at Chapel Hill (2014–2015)

Doctoral Student Representative, Research and Doctoral Committee, School of Information and Library Science, University of North Carolina at Chapel Hill (2013–2014 academic year)

Full–time Representative, Doctoral Students Association, School of Information and Library Science, University of North Carolina at Chapel Hill (2013)

Editor–at–large, Digital Humanities Now (2013)

Committee Member, Islamicate Graduate Student Association, University of North Carolina at Chapel Hill (2012–2013)

Director and Co–founder, Kalamazoo Pride (2007)

SPECIALIZED TRAINING

Certificate Program in Survey Methodology, The Odum Institute, University of North Carolina at Chapel Hill (Current)

Arabic Study Abroad (Egyptian Dialect / Modern Standard Arabic), TAFL Center, Alexandria University, Alexandria, Egypt (Fall 2007)

Intensive Arabic Study (Egyptian Dialect), Alexandria Center for Languages, Alexandria, Egypt (Summer 2004)

Archaeological Field School, Rauzet, France (Summer 2000)

PROFESSIONAL MEMBERSHIPS

Association for Information Science and Technology (ASIS&T)

Association for Computing Machinery (ACM)

American Association for Public Opinion Research (AAPOR)

American Statistical Association (ASA)

SKILLS

Research methods

Survey

Experimental design

Mixed methods content analysis

Qualitative analysis

Secondary statistical analysis

Integrated skill–sets

Automation

Digital research and publishing workflows

Digital preservation and archiving

Distributed systems

Full–stack web development / API development

High performance computing (HPC) and cluster management (SLURM)

Networking and network administration

System administration

Technologies

Toolchain vim, bash, UNIX toolchain, git, GitHub

Systems and operations Linux (Debian, Ubuntu, RedHat, Fedora), Ansible, SLURM, Docker

Programming and scripting languages node.js, bash, Go, JavaScript, TypeScript, R, C, Python, Perl, PHP, Ruby

Markup HTML5 + CSS3, LaTeX, Quarto + R Markdown, JSON, XML + XSLT

Database MySQL, SQLite, MongoDB

Web platforms and frameworks Hugo, Express, SolidJS, Jekyll, Drupal, Wordpress