

Bridget Disney

CURRICULUM VITAE

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RESEARCH INTERESTS

Big Data Sets, Data Curation, Database Applications, Digital Humanities, Digital Libraries, Information Transfer among Refugees, Data Science for librarians, Dataset Discovery, Cultural Information Behavior, Using DNA Data for Genealogy, APIs, Text Analysis

TECHNICAL SKILLS

Data Manipulation and Visualization: R, Tableau, D3, Excel, OpenRefine

Software Programs: Eclipse, WordPress, Weebly, VideoScribe, Piktochart, PowerPoint, Outlook

Repositories: GitHub, GitLab

Computer Languages: Python, Java, Java Swing, Java Struts, JavaScript/jQuery, Flex/ActionScript, CSS, HTML/XHTML, XML, C, Visual Basic, JSP, ASP, PHP, ColdFusion, Perl, Pascal, FORTRAN, Linux shell scripting (C, Bourne)

Databases: Oracle, SQL Server, MySQL, Informix, Sybase

Operating Systems: Microsoft, Macintosh, Unix (Linux, Solaris), VAX (11/780), IBM 360/370

Web Servers: Apache/Tomcat, IIS, Oracle, WebLogic

PEER-REVIEWED PUBLICATIONS

Gibson, T., Murray, S.J., Erdelez, S., Disney, B., & Greenspan, B. (2018). **Digital humanities, libraries, and crowdsourcing: Foundations of digital textual technologies.** Building and Sustaining an Ethical Future with Emerging Technology. In *Proceedings of the 81 Annual Meeting of the Association for Information Science & Technology (ASIS&T)* 55(1), 808-811.

NATIONAL PEER-REVIEWED PRESENTATIONS

Gibson, T. Murray, S.J., Erdelez, S., Disney, B., & Greenspan, B. (2018, November 12). **Digital humanities, libraries, and crowdsourcing: Foundations of digital textual technologies.** Visual Presentation for the International Meeting of the Association for Information Science & Technology (ASIS&T), Vancouver, Canada.

Gibson, T., & Disney, B. (2018, October 29). **Citizenship, civics, and legislation: Philosophical foundations of an ethics of mutuality.** Critical Questions in Education Symposium. The Academy for Educational Studies, Kansas City, Missouri.

Adkins, D., Bossaller, J., & Disney, B. (2019, October 17). **Library-driven research agendas: Using content analysis to describe library priorities.** Paper presented at the Library Research Seminar VII, Columbia, South Carolina.

AWARDS/FELLOWSHIPS

LIS Education and Data Science for the National Digital Platform (LEADS-4NDP) fellowship (\$5,000) (2019). Project:YAMZ at the California Digital Library.

LIS Education and Data Science for the National Digital Platform (LEADS-4NDP) Forum travel expenses to Philadelphia, PA (\$1000) (2020).

Mizzou Professional Presentations Travel Scholarship for International Meeting of the Association for Information Science & Technology (ASIS&T), Vancouver, Canada (\$750) (2018).

EDUCATION

Ph.D. in Information Science and Learning Technologies (expected in 2021)
[University of Missouri](#) - School of Information Science & Learning Technologies

M.A. in Library and Information Science (2016)
[University of Missouri](#) - School of Information Science & Learning Technologies

B.S. in Computer Science (1981)
[University of Nebraska](#)

B.A. in French (1979)
[University of Nebraska](#)

PROFESSIONAL EXPERIENCE

2019	Leads-4-NDP Fellow Drexel University Metadata Research Center College of Computing and Informatics
2018-2019	Instructor, Technology to Enhance Learning University of Missouri, Columbia, Missouri
2015-2017	Graduate Assistant, Digital Humanities Commons University of Missouri, Columbia, Missouri
2001-2015	Software Engineer Northrop Grumman Corporation , Omaha, NE

2000 – 2001 Computer Programming Instructor
Vatterott College, Omaha, NE

1994 – 2001 System Administrator/Web Developer
Information Bridge (formerly Synergy Communications), Omaha, NE

1991 – 1994 Database Analyst for Teleservices
First Data Corporation (formerly American Express), Omaha, NE

1990 – 1991 Programmer/Analyst
Butler Manufacturing, Kansas City, MO

1985 – 1990 Scientific Programmer/Analyst
McDonnell Douglas Corporation (now Boeing), St. Louis, MO

1983 – 1985 Associate Programmer/Analyst
Vitek Systems (now Boeing), St. Louis, MO

1980 – 1982 Programmer
United States Department of Agriculture, Lincoln, NE

1979 – 1980 Teaching Assistant
Department of Computer Science, University of Nebraska, Lincoln, NE

TEACHING

Expert Panel Member (selected), University of Missouri College of Education, Council for the Accreditation of Educator Preparation (CAEP) Key Assessment Validity and Reliability Evaluation Team, Fall 2019

University of Missouri (2018-2019)
Technology to Enhance Learning

Vatterott College (2001)
Project Management
Unix Shell Programming
Web Development

University of Nebraska (1980)
Teaching Assistant for Assembly Language and FORTRAN for Business

SCHOLARLY PAPERS, VIDEOS, AND APPLICATIONS

Disney, B. (2019) Searching for Datasets: The Quest for Relevant Data. Unpublished manuscript.

Disney, B. ((2018) People Helping People: Exploring Ways Refugees Help Each Other with Technology. Unpublished manuscript.

Disney, B. ((2018) On Being Social: User Motivations for Choosing a Social Network. Unpublished manuscript.

Disney, B. & Townsend, Kerry. (2018) User Motivations for Choosing a Social Network. Unpublished manuscript.

Disney, B. (2017) Family Immigration Mapping. Unpublished manuscript.

Disney, B. (2016) Immediate Impact: Digital Humanities “en Route.” Unpublished manuscript.

Disney, B. (2015). Big Data: Positioning the Academic Library. Unpublished manuscript.

Disney, B. (2015). Community Analysis with Infographic. Unpublished manuscript.

Disney, B. (2015). The Academic Library: Cutting Costs and Increasing Productivity. Unpublished manuscript.

Disney, B. (2014). Collection Analysis. Unpublished manuscript.

Disney, B. (2014). Scholarly Communication and Culture. Unpublished manuscript.

Disney, B. (2014). The Digital Divide. Unpublished manuscript.

Disney, B. (2014). Slovenia: Literature Review. Unpublished manuscript.

Disney, B. (2013). Comparison and Contrast of Online Catalogs. Unpublished manuscript.

Disney, B. (2008). Semantic Web. Unpublished manuscript.

VIDEO PRESENTATIONS & COMPUTER APPLICATIONS

Disney, B. (2020) BCG Vaccine and COVID-19 Immunity (D3 JavaScript). Unpublished application. <https://bridgetdisney.github.io>

Disney, B. (2020) Excess Deaths in the United States not Attributed to COVID-19 (Tableau Public). Unpublished application. <https://public.tableau.com/profile/bridget.disney3348#!/vizhome/dv498/Dashboard>

Disney, B. (2019) BM25 Search Engine for Library Science courses. Unpublished application.

Disney, B. (2018) StoryMap ArcGIS Tutorial. Unpublished presentation.

Disney, B. (2018) PhD Courses App [mobile application]. Unpublished application.

Disney, B. (2017) S'mores [website application]. Unpublished application.

Disney, B. (2016) The Reluctant Gardener. Unpublished application (iMovie).

Disney, B. (2016). Libraries in Mongolia. Unpublished presentation.

Disney, B. (2015). The Master Switch. Unpublished presentation.

Disney, B. (2015). Unmanned Aerial Vehicles. Unpublished presentation.

Disney, B. (2015). ORCID – Open Researcher and Contributor ID. Unpublished presentation.

Disney, B. (2014). The Library System in Mongolia. Unpublished presentation.

Disney, B., & Ruterbories, S. (2013). Folksonomies. Unpublished presentation.

SECURITY CLEARANCE

While employed at Northrop Grumman, cleared for TOP SECRET information and granted access to sensitive compartmented information based on single scope background investigation completed in 2011.

ORGANIZATIONS

Library & Information Science Graduate Student Association (LISGSA)

Nebraska Library Association (NLA)

American Library Association (ALA)

Association for Information Science and Technology (ASIS&T)

Friendship Force

PERSONAL

Bicycling, knitting, canoeing, playing the violin