Bridget Disney
CURRICULUM VITAE

School of Information Science and Learning Technology
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RESEARCH INTERESTS

Data science education for librarians, data curation (including metadata and dataset discovery), research assistance services, data visualization, text analysis, data mining, and digital humanities.

EDUCATION

Ph.D. in Information Science and Learning Technologies (expected in 2022)
University of Missouri - School of Information Science & Learning Technologies

M.C.S. in Data Science (50% complete)
University of Illinois - Grainger College of Engineering

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

2019-2020   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	

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.

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.

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

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).

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

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

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.