

ELIZABETH WICKES

Lecturer
School of Information Sciences
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EDUCATION

M.S. Library and Information Science 2016
School of Information Sciences, University of Illinois at Urbana-Champaign
Information Technology/Systems Student Award

B.S. Sociology 2008
Illinois State University
University and Departmental Honors; Summa cum laude

WORK EXPERIENCE

Lecturer June 2017 – Present
School of Information Sciences University of Illinois at Urbana-Champaign

Data Curation Specialist May 2015 – May 2017
Research Data Service, University Library University of Illinois

Adjunct Lecturer August 2016 – May 2017
School of Information Sciences University of Illinois

Research Assistant January 2014 – May 2015
Center for Informatics Research in Science and Scholarship University of Illinois

Research Data Management Intern Summer 2014
Bodleian Digital Library Systems and Services, Bodleian Libraries University of Oxford

Programmer (short project) Summer 2014
Content Access and Management, University Library University of Illinois

Curation Manager 2012 – 2014
Wolfram|Alpha Champaign, Illinois

Data Curator 2011 – 2012
Wolfram|Alpha Champaign, Illinois

Project Coordinator 2009 – 2011
Wolfram|Alpha Champaign, Illinois

ACADEMIC INSTRUCTION EXPERIENCE

Instructor, Foundations of Information Processing (IS 452, Fall 2016 – Present)

- Responsible for all design, instruction, and assignment development
- <https://github.com/elliewix/IS-452-Spring2018>

Co-Instructor, Security Studies (NPRE 498S, Fall 2017)

- Responsible for five weeks of instruction on data management and data curation

SELECTED INSTRUCTION CERTIFICATION AND EXPERIENCE

Certified Carpentries Instructor Trainer

August 2017 – Present

- Instructing four trainer workshops in FY18
- Lead training, discussion, and teaching demos as part of the checkout process

Certified Software and Data Carpentry Instructor

May 2015 – Present

- Instructed and assisted during seven workshops in FY16 – FY17
- Lessons instructed: Python, SQL, Unix shell, R

Intermediate Python for Data Automation

(forthcoming) April 2018

Workshop for Reaching Across Illinois Library System

- Responsible for developing and instructing a day and a half long workshop with four weekly follow up sessions. Topics will cover intermediate Python programming for data processing, common data formats, working with APIs, technical project management, and version control.
- CC-BY materials forthcoming

Learn Tech to Teach Tech

February 2018

Workshop for code4lib 2018 Conference

- Developed and instructed a full day workshop on personal learning plans and lesson development
- CC-BY materials forthcoming

Humanities Data: A Hands On Approach

July 2017

Workshop for Digital Humanities at Oxford Summer School 2017

- Co-instructor for a week long session
- Developed and led sessions on: learning strategies for technical skills, Python, SQL, and ethics & social implications of data
- Python lesson available CC-BY: <https://github.com/elliewix/dhoxss17-sql>
- SQL lesson available CC-BY: <https://github.com/elliewix/HumDataCarp>

Data Management Workshop Series

January 2016 – May 2017

Workshops for University Library (Illinois)

- Responsible for developing, scheduling, and instruction (or co-instruction) a series of four workshops on research data management. Workshops included: Intro to Data Management, Data Documentation, Data Workflows, and Data Sharing
- All workshop materials available CC-BY: <https://www.ideals.illinois.edu/handle/2142/79492>

Introduction to Python for GIS September 2015
Workshop for Illinois GIS Association Annual 2015 Conference

- Developed materials for half-day workshop on Python for the Workshop led by TA presented due to medical emergency.
- Lesson materials available CC-BY: <https://github.com/elliewix/wickes-ilgisa-workshop-2015>

Introduction to Practical Programming, January 2015
Workshop, ALA Midwinter Meeting

- Full day workshop presented as a LITA Institute workshop
- Lesson materials available CC-BY: <https://github.com/elliewix/practical-programming>

COMMITTEE AND SERVICE WORK

School of Information Sciences, University of Illinois at Urbana-Champaign
· Admissions Committee member August 2017 – Present

The Carpentries
· Executive Council representative (elected position) January 2018 – December 2018
· Assessment Committee member
· Reproducible Research with Jupyter curriculum developer
· Certified Instructor Trainer August 2017 – Present
· Certified Software & Data Carpentry Instructor May 2015 – Present

Community
· Champaign-Urbana Python User's Group (Py-CU) organizer 2013 – Present
· Makerspace Urbana key holder committee member 2013 – Present

University Library, University of Illinois at Urbana-Champaign
· Research Data Service Committee member August 2016 – May 2017
· Humanities and Interdisciplinary Scholars' Collaboratory December 2016 – May 2017
· Strategy and Planning Group Members and Charge group member
· 2016 Midwest Data Librarian Symposium planning committee June – October 2016

PUBLICATIONS AND PRESENTATIONS

Kari L. Jordan, Marianne Corvellec, **Elizabeth D. Wickes**, Jonah Duckles, Tracy K. Teal. (forthcoming, June 2018). **Short-format workshops build skills and confidence for researchers to work with data.** Paper to be presented at American Society for Engineering Education 2018 Conference, Salt Lake City, UT, USA.

Kari L. Jordan, Ben Marwick, Belinda Weaver, Naupaka Zimmerman, Jason Williams, Tracy Teal, ... **Elizabeth Wickes.** (2017, October 31). Analysis of the Carpentries' Long-Term Feedback Survey. Zenodo. <http://doi.org/10.5281/zenodo.1039944>

Wickes, E. (May 2017). **Reworking the workshop: designing data management workshops to align with behavioral change models.** Talk presented at IASIST Annual Conference 2017.

Wickes, E. (May 2017). **Crafting High Impact Tabling Experiences.** Pecha Kucha presented at IASIST Annual Conference 2017.

Wickes, E. (April 2017). **Computational Data Workflow Mapping** Talk presented as part of Blue Waters Scientific Workflows webinar series. <http://hdl.handle.net/2142/91639>

Dunham, E., Wickes, E., Stein, A., Fallaw, C., & Imker, H. (2016). **PreMetadata Counseling: Putting the DataCite relationType Attribute into Action.** In Curating Research Data (Johnston, ed.).

Fallaw, C., Dunham, E., Wickes, E., et al. (2016). **Overly Honest Repository Development.** *code4lib Journal* 23(2016). <http://journal.code4lib.org/articles/11980>

Wickes, E. (August 2016). **Creating Tidy Data in R.** Workshop presented at the 2016 Midwest Data Librarian Symposium. <https://github.com/elliewix/but-i-just-want-to-make-a-graph>

Wickes, E. (August 2016). **AutoDocish: Automated-ish Dataset Documentation.** Talk presented at PyData Chicago 2016. <http://dx.doi.org/10.6084/m9.figshare.3759288.v1>

Wickes, E. (June 2016). **How to approach selecting a license for data release.** Invited blog post for Data Carpentry. <http://www.datacarpentry.org/blog/data-licensing/>

Wickes, E. (April 2015). **Recontextualizing Humanities Skills for Coding.** Talk presented at the 2015 Symposium on LIS Education, Champaign, IL. <http://dx.doi.org/10.6084/m9.figshare.1373932>

Wickes, E. (April 2015). **Programming as an Information-centered activity.** Talk presented at the 2015 Python Education Summit, Montreal, Canada (remote presentation). <http://dx.doi.org/10.6084/m9.figshare.1372436>

Wickes, E. (March, 2015). **Mining the Poachers: Quantitative Analysis of Fanfiction Works Across Two Archives.** Poster presented at the 2015 GSLIS Research Showcase, Champaign, IL. <http://dx.doi.org/10.6084/m9.figshare.1348806>

Wickes, E. (April 2014). **Adventures in Learning Python.** Poster presented at PyCon 2014, Montreal, Canada. <http://dx.doi.org/10.6084/m9.figshare.988625>

Wickes, E. & Sprecher, S. (April 2007). **The influence of attachment style on sociosexuality and college sexual behavior.** Poster presented at the 2007 Illinois State University Undergraduate Research Symposium.

DATA PUBLICATIONS

Wickes, Elizabeth (2016): **Version values for DataCite dataset records**. University of Illinois at Urbana-Champaign. https://doi.org/10.13012/B2IDB-4803136_V1

Wickes, Elizabeth (2016): **Language values for DataCite dataset records**. University of Illinois at Urbana-Champaign. https://doi.org/10.13012/B2IDB-1065549_V1

Wickes, Elizabeth; Nakamura, Katia (2016): **Supporting data processing scripts and example data for Peru AIDData analysis**. University of Illinois at Urbana-Champaign. https://doi.org/10.13012/B2IDB-7860393_V1

DIGITAL TUTORIALS

Elizabeth Wickes. (2017, September 21). **Mini-tutorial on Python for Illini Stats Club** (Version 1.0). Zenodo. <http://doi.org/10.5281/zenodo.1166151>

Elizabeth Wickes. (2017, July 1). **Ways of Installing Python** (Version 1.0). Zenodo. <http://doi.org/10.5281/zenodo.1166149>

Elizabeth Wickes. (2016, June). **Python for Humanities Research** (Version 1.0). Zenodo. <http://doi.org/10.5281/zenodo.1166147>

RESEARCH LAB EXPERIENCE

Digital Citizen Project Spring 2008

Sue Anderson, Milner Library, Illinois State University

· Translated a paper survey into an online survey and prepared data for analysis.

Personality and Social Development Research Team Fall 2007 – Spring 2008

Dr. Renée M. Tobin, Department of Psychology, Illinois State University

· Provided research support to a variety of projects, including SPSS design & scripting, running participants, coding video data, managing recruitment, and training peers.

Social Psychology Research Assistant Fall 2006 – Spring 2008

Dr. Susan Sprecher, Department of Sociology and Anthropology, Illinois State University

· Cleaned survey data, prepared statistical reports, and managed participant recruitment.

Economic Sociology Research Assistant Fall 2007

Dr. Aaron Pitluck, Department of Sociology and Anthropology, Illinois State University

· Responsible for collecting and reporting on published research work related to a developing project.