

# Kristin Buxton

1299 University of Oregon, Eugene, OR 97403 | 541-346-2654 | kbuxton@uoregon.edu

## Education

---

### **Master of Library and Information Science**

University of Washington, Seattle, WA, 2007.

### **Bachelor of Science in Computer Science and Bachelor of Science in Liberal Arts and Sciences in Physics**

University of Illinois, Urbana-Champaign, IL, 1996.

## Library Experience

---

### **Science Librarian, September 2017 – present**

*University of Oregon, Eugene, OR*

- Subject Specialist for Mathematics, Computer Science and Physics.
- Co-coordinator of Math Library Moursund Reading Room Homework Help Program, including helping hire, train and supervise 11-15 student employees.
- Transitioned Homework Help Program online to support students during remote instruction for spring 2020.
- Provides information literacy instruction in departmental and writing courses including WR123 (Written Reasoning in the Context of Research), WR320 (Scientific and Technical Writing), TLC199 (Studying Science) and First-Year Interest Groups as well as library workshops.
- Identifies, evaluates and selects digital and print materials to support science departments; includes managing budget lines. Collection Manager for the physical sciences.
- Develops LibGuides research guides. Helps maintain LibGuides system as one of the administrators. Helps colleagues with their use of LibGuides.
- Provides general and subject-specific reference assistance for walk-in users, in one-on-one research consultations, and by phone, chat, and email. Provides collaborative reference assistance via Answerland Cooperative.

### **Temporary Reference Librarian, September 2016 - September 2017**

*Portland State University, Portland, OR*

- Provided reference services in person, by phone, and via chat to faculty, students, staff and visitors.

### **Engineering Librarian, November 2007 – September 2017**

*Caltech, Pasadena, CA*

- Provided reference services to faculty, students, staff and visitors in person and online.
- Taught workshops on EndNote, Business Resources and Web of Science. Presented EndNote and basic library research skills to undergraduates in writing classes.
- Liaison to Computer Science, Electrical Engineering and other Engineering departments.
- Selected books and electronic materials for engineering disciplines and a leisure reading collection.

Weeded books and participated in journal cancellation projects.

- Maintained library website. Administered LibGuides implementation and migration. Created subject guides and class guides. Implemented internal MediaWiki site and trained staff on its use.
- Deposited and reviewed items in Caltech's Institutional Repository.

#### **Graduate Reference Specialist, January 2006 – June 2007**

*Foster Business Library, University of Washington, Seattle, WA*

- Answered patron questions in-person and on the phone using a variety of online and print resources.

#### **Librarian Intern, June 2007 – October 2007 and Student Librarian, February 2006 – June 2007**

*Seattle Public Library, Seattle, WA*

- Provided Readers' Advisory service to patrons.
- Assisted patrons with disabilities with use of computers.

## Industry Experience

---

#### **Software Engineer, November 2003 – August 2005**

*Extensis, Portland, OR*

- Windows application development in C++ including specification writing, bug fixing. Worked closely with QA and Product Marketing.

#### **Senior Software Engineer, February 2002 – May 2003**

*Symantec, Beaverton, OR*

- Windows application development in C++ and work on user interface in HTML, ASP, JavaScript, VBScript, XML and XSLT.

#### **Software Engineer, April 2000 – October 2001**

*etrieve, Hillsboro, OR*

- Designed, implemented and maintained features using C++, MFC, MAPI and CDO.

#### **Software Engineer, June 1996 – April 2000**

*Tektronix/Grass Valley Group, Beaverton, OR*

- Windows application development in C++, MFC, COM and ATL.

## Service

---

- Library Diversity Committee, chair, 2018-present.
- Collection Managers, 2018-present.
- Targeted ORCID Integration and Promotion Task Force, 2020-present.
- Article Processing Charges (APC) Committee, 2020-present.
- Drupal Migration Team, 2020-present.
- Search Committee for Core Systems Librarian, 2019.

- Student Supervisors Steering Committee, 2018-2019.
- Evidence-Based Practice Task Force, 2018-2019.
- Open Education/OER Working Group, 2018-2019.
- Search Committee for Instructional Technology Integrator, 2018-2019.
- Tutorial/Online Resources: Phase Two Cohort, 2018.
- Primo New UI Implementation Team, 2017-2018.
- BrowZine Implementation Task Force, 2017-2018.
- Undergraduate Research Symposium, Abstract Reviewer, 2018.
- EAUX's Introduction to Surveys Workshop, assisted with preparation, 2018.
- Tech Together, WiCS conference, invited resume reviewer, 2018.
- Caltech Library Website team, 2008-2017.
- Caltech Library Reference and Instruction Committee, ~2015-2017.
- Caltech Library Space Usage Data Gathering Team, chair, 2016.
- Caltech Library ILS Investigation and Migration Committees, ~2015-2016.
- Caltech Library Discovery Layer launch team, ~2015-2016.
- Caltech Library Institutional Repository steering committee (C3PO), 2009-2012.
- Seattle Public Library Welcome Desk Volunteer, 2005-2006.
- Friends of the Hillsboro Public Library Volunteer, 2003-2005.
- Multnomah County Public Library Summer Reading Volunteer, 2003.

## Professional Contributions

---

### Committees

#### *American Library Association*

- ALA Excellence in Library Programming Award Jury, 2020.

#### *ACRL Science and Technology Section (STS)*

- Scholarly Communications Committee, 2019-present.
- Mentoring Program, mentor, 2020-present.

#### *Information Literacy Advocacy Group of Oregon (ILAGO)*

- Board, member-at-large, 2018-2019.

#### *American Society of Engineering Education (ASEE), Engineering Libraries Division*

- Publications Committee member, 2014-2016.
- Moderator, "Evidence Based Librarianship", ASEE Annual Meeting, Indianapolis, 2014.
- Moderator, "Information Tools and Techniques for Engineering Education", ASEE Annual Meeting, Atlanta, 2013.

#### *Technical Report Archive & Image Library (TRAIL)*

- Communications Working Group member, 2010-2016.
- Membership Working Group, 2013-2016.

### Publications

Oberlies, M. K., Buxton, K., & Zeidman-Karpinski, A. (2020). Adapting Evidence-Based Practices to Improve Library Instruction: Using customized tools to support peer mentoring and observation. *New Review of Academic Librarianship*, 26(1), 6-30. doi:[10.1080/13614533.2019.1628078](https://doi.org/10.1080/13614533.2019.1628078)

### **Presentations - National**

“Forging a New Path for Instructional Development: Trailblazing for High-Impact Teaching Using Peer Observation and Coaching”, presentation with Mary K. Oberlies, Sara DeWaay and Annie Zeidman-Karpinski, LOEX, Minneapolis, MN, 2019.

“Why not take a scientific approach to teaching information literacy skills?”, poster with Mary Oberlies and Annie Zeidman-Karpinski, Library Instruction West, Grand Junction, CO, 2018.  
<http://hdl.handle.net/1794/23869>

“Digitization of Engineering Content”, panelist, ASEE Annual Meeting, Seattle, 2015.

### **Presentations – Regional & Local**

“Rebooting an Academic Library Diversity Committee”, poster accepted with Lara Nesselroad and Rayne Vieger. Oregon Library Association conference, 2020 (conference canceled)

“An Awesome Way to Improve Instruction: Peer Observation for High-Impact Teaching”, presentation with Sara DeWaay and Annie Zeidman-Karpinski, Oregon State University Instruction Get Together, Corvallis, OR, 2019.

Putting your Physics Degree to Work seminar series, UO physics department, 2018.

## **Awards**

---

University of Oregon, Professional and Organizational Development Fund Award, 2018 & 2019.

Caltech Spot Award for special efforts to the library, 2015.

## **Professional Development / Continuing Education**

---

Power & Privilege at Play: Equity, Diversity & Inclusivity in the Library, Colorado Association of Libraries virtual conference, 2020.

American Association for the Advancement of Science (AAAS) Annual Meeting, Seattle, WA, 2020.

Teaching & Learning in the Diverse Classroom, Online edX course by Cornell, audited, 2019.

Instruction Get Together, Corvallis, OR, 2019.

American Library Association Annual Conference, 2007, 2008, 2012 & 2019.

Open Education Resources Symposium, Eugene, OR, 2019.

LOEX, Minneapolis, MN, 2019.

ACRL, Cleveland, OH, 2019.

ACRL Scholarly Communication Roadshow, Eugene, OR, 2019.

Online Northwest, Portland, OR, 2017, 2018 & 2019.

Mobile Summer Institute on Scientific Teaching, University of Oregon, 2018.

Crucial Conversations class, University of Oregon, 2018.

Library Instruction West, Grand Junction, CO, 2018.

California Conference on Library Instruction (CCLI), San Francisco, 2018.

STELLA (Science, Technology & Engineering Library Leaders in Action) Unconference, Berkeley, CA, 2018.

Information Literacy Advisory Group of Oregon Summit, McMinnville, OR, 2018.

ACRL Scholarly Communication Roadshow, Portland, OR, 2017.

Research Data Services Training with Amanda Whitmire, workshop at Caltech, 2017.

Art of Activism: Hard Conversations – Intro to Racism, Online course from Patti Digh, through Caltech Center for Diversity, 2016.

American Society of Engineering Education Annual Conference, 2008 - 2016.

California Library Association Annual Conference, Pasadena, CA, 2015.

Copyright for Educators & Librarians, Online course from Duke University, 2014.

STELLA (Science, Technology & Engineering Library Leaders in Action) Unconference, Palo Alto, CA, 2014.

Science Boot Camp for Librarians, Seattle, WA, 2014.

New Librarianship Master Class, Online course from Syracuse University, 2013.

SEAL-S Program, "Future Forward: Library Innovations in STEM and Beyond", Long Beach, CA, 2013.

SEAL-S Program: "Data Curation Initiatives at Southern California Academic Institutions", Long Beach, CA, 2011.

CNI Spring Membership Meeting, San Diego, CA, 2011.

Internet Librarian, Monterey, CA, 2010.

Pre-conference: Designing Mobile Experiences.

What Librarians Need to Know about Project Management, workshop at UCLA, Los Angeles, CA, 2009.

ACRL, Seattle, WA, 2009.

Scholarly Communication Outreach: Crafting Messages that Grab Faculty Attention, ARL Workshop, Seattle, WA, 2009.

CARLDIG-South (California Academic Reference Librarians Discussion Interest Group) Program: "Excellent Personal Reference Service--Priceless!", Walnut, CA, 2008.

Internet Librarian, Monterey, CA, 2008.

Pre-conference: Screencasting 101: Creating Online Tutorials in Less than 30 Minutes.

Copyright and the Library Part 1: The Basics Including Fair Use, ACRL e-learning course, 2008.

Microsoft Excel 2007 for Advanced Users, class at Caltech, 2008.

“Reinventing Science Librarianship: Models for the Future,” ARL-CNI Fall Forum, Arlington, VA, 2008.

American Library Association Pre-conference: Business Librarianship 101: Core Competencies for Business Librarians, 2008.

## Professional Memberships

---

American Library Association, 2018-present.

Association of College & Research Libraries (ACRL), 2018-present.

American Society of Engineering Education, 2007-2016.

Prior Memberships:

- American Library Association
- Association of College & Research Libraries (ACRL)
- California Academic & Research Libraries Association (CARL)

Updated 11/11/2020