

# Kristin Buxton

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

## Education

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### **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

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### **Head of Science Liaisons, September 2023 - present**

*University of Oregon, Eugene, OR*

- Supervise 2 science liaison librarians.
- 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.
- Provides information literacy instruction in departmental and writing courses 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. Maintains LibGuides system as one of the administrators. Helps colleagues with their use of LibGuides.
- Implemented LibAnswers FAQ, tickets, and LibChat. Helps colleagues with their use of LibAnswers.
- 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.

### **Science Librarian, September 2017 – August 2023**

*University of Oregon, Eugene, OR*

*Promotion to Associate Librarian: June 2021.*

- 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.
- Provided 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.
- Identified, evaluated, and selected digital and print materials to support science departments; includes

managing budget lines. Collection Manager for the physical sciences.

- Led project to clear one floor of stacks in the Mathematics Library. Completed a month early.
- Developed LibGuides research guides. Helped maintain LibGuides system as one of the administrators. Helps colleagues with their use of LibGuides.
- Provided 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.
- Trained Search Advocate.

#### **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

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#### **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

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- Collection Managers, 2018-present.
- Article Processing Charges (APC) Committee, 2020-present.
- LibGuides Editorial Team, 2021-present.
- Library Faculty Personnel Committee (LFPC), 2022-2024. Elected position.
- Search Committee Chair for Psychology and Neuroscience Librarian, 2024.
- PSC Gaming Center Task Force, 2023-2024.
- Search Advocate for search committee for tenure-track hire in CS department, 2022-2024.
- Search Committee for Director of Collection Strategies, 2022-2023.
- Search Committee Chair for Associate Director of Employee Engagement, Development, & Belonging, 2022-2023.
- UO Knight Campus Bioinformatics and Genomics Internship Program mock interviewer, 2021-2024.
- WR122 Tutorials Task Force, 2023.
- Drupal Migration Team, 2020-2022.
- Organizational Enhancement Taskforce, 2021-2022.
- Search Advocate for search committee for tenure-track cluster hire in Math and CIS departments, 2021-2022.
- Search Committee for AVPUL for Collections and Discovery Service, 2021-2022.
- Search Committee for Executive Assistant to the Vice Provost and University Librarian (VPUL), 2021.
- Fall Employee Event Committee, 2021.
- Library Diversity Committee, chair, 2018-2021.
- LibGuides Task Force, 2021.
- 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.
- 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

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### Committees

#### *American Library Association*

- Scholastic Library Publishing Award Jury, 2024.
- Beta Phi Mu Award Jury, 2023.
- Ernie DiMattia Award for Innovation and Service to Community and Profession Award Jury, 2022.
- Joseph W. Lippincott Award Jury, 2021.
- ALA Excellence in Library Programming Award Jury, 2020.

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

- Equity, Diversity, and Inclusion Committee, 2021-2023.
  - Planned webinar “Developing Inclusive Identity Practices in Academic Publishing and Beyond”, 2023.
- Scholarly Communications Committee, 2019-2021.
  - Planned online panel discussion “To Fund or Not to Fund: A glimpse into the open access funding landscape in libraries”, 2021.
- Mentoring Program, mentor, 2020-2021.

#### *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) (Included in the ALA Library Instruction Round Table's (LIRT) "Top Twenty Library Instruction Articles of 2020.")

## Presentations - National

"Outshine with the Superfine Frankenstein Pipeline at Timberline: Visualizing Cost Per Use in Power BI", presentation with Lydia Harlan and Gabriele Hayden, The Acquisitions Institute at Timberline Lodge, Government Camp, OR, 2024.

"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, WA, 2015.

## Presentations – Regional & Local

"Automating for Success: Making Invisible Work Visible", presentation with Lydia Harlan and Gabriele Hayden, 2023 ALD/ACRL-WA and ACRL-OR Joint Fall Conference, Long View, WA, 2023.

"Access the library from your dorm room: Library sessions go remote", presentation with Annie Zeidman-Karpsinski, University of Oregon Student Success Summit, 2021.

"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

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Dr. Rev. Martin Luther King, Jr. Outstanding School/Department/Committee Award University of Oregon's Search Advocate Pilot Program. Awarded to a select group of participating search advocates, 2022.

University of Oregon, Professional and Organizational Development Fund Award, 2018, 2019 & 2023.

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

## Professional Development / Continuing Education

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### **Courses/Certificates**

Academic Impressions Inclusive Leadership Certificate Program, 2024.

MLA Systematic Review Services Specialization Program, 2023.

Academic Impressions Supervision Certificate Program, 2023.

Scaffolding Information Literacy Course, Inquiring Teachers, 2023.

### **Workshops/Conferences**

American Society of Engineering Education Annual Conference, 2008 - 2016, 2024.

Conference on Academic Library Management (CALM), 2022-2024.

Cultural Humility and Humble Leadership workshop, 2023.

STEM Librarians Collaborative, 2022 & 2023.

American Library Association Annual Conference, 2007, 2008, 2012, 2019, 2021 & 2023.

ACRL Conference, 2009, 2019, 2021 & 2023.

Inclusion, Diversity, Equity, and Accessibility in Libraries & Archives (IDEAL) Conference, 2023.

Charleston In Between "The Future of Scholarly Communication in a ChatGPT World" Virtual Conference, 2023.

STEM Librarians South, 2022 & 2023.

STELLA (Science, Technology & Engineering Library Leaders in Action) Unconference, 2014, 2018, 2020 & 2022.

OASPA Online Conference on Open Access Scholarly Publishing, 2022.

Advanced Data Modeling and Shaping with Power BI, University of Oregon, 2022.

DAX in a Day, University of Oregon, 2022.

Emerging Supervisors Series, University of Oregon, 2022.

Acquisitions Institute at Timberline Lodge, 2022.

Online Northwest, Portland, OR, 2017, 2018, 2019, & 2021.

NISO Plus, 2021.

Equity, Diversity, and Inclusion in Libraries: Progress and Promise, 2020.

Charleston Conference, 2020.

ARL Fall Forum 2020: Leading Libraries towards Anti-Racism in a Change World, 2020.

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.

Open Education Resources Symposium, Eugene, OR, 2019.

LOEX, Minneapolis, MN, 2019.

ACRL Scholarly Communication Roadshow, Eugene, OR, 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.

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.

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

Copyright for Educators & Librarians, online course from Duke University, 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.

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

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American Library Association, 2005-2009, 2018-present.

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

American Society of Engineering Education, 2007-2016, 2023-present.

Updated 8/5/2024