

Curriculum Vitae

Education

PhD, Information Systems

Queensland University of Technology, Brisbane, Australia, 2013

Dissertation: Acquiring search expertise: Learning experiences and threshold concepts. Advisors: Dr. Christine Bruce, Dr. Judith Weedman, and Dr. Sylvia L. Edwards.

MLS, Library & Information Science

University of California at Berkeley, Berkeley, CA, 1978

BA, Music Composition with minor concentration in Physics

Stanford University, Stanford, CA, 1976

Advisors: Profs. Martin Bresnick and John Chowning.

Paralegal Certificate

Whatcom Community College, Bellingham, WA, 2005

Academic Experience

Assistant Professor, School of Information

San José State University, San Jose, CA. 2016–present

Courses taught: Information architecture; Information retrieval system design; Online searching; e-Portfolio; Special studies.

Associate Coordinator, San Jose Gateway PhD program, 2017 to present.

Curriculum Coordinator, Information retrieval system design, 2014 to present.

Advisor, MLIS e-Portfolio culminating projects, 2016 to present.

Advisor, MLIS special studies and thesis committees, 2015 to present.

Associate Coordinator, San José Gateway PhD Program, School of Information

San José State University, San Jose, CA. 2017–present

Provide administrative leadership and support to PhD candidates and faculty; coordinate and lead monthly and annual meetings; develop and g candidate and faculty support structures.

PhD Supervisor, San José Gateway PhD Program, a Partnership with Queensland University of Technology. 2012-present

Niloufar Sarraf: Mapping the Neurological Patterns of the Information Search Process (ISP) Model. 2012 to present.

Lettie Conrad: The Student-Researcher's Information Experience with Personal Academic Information Management. 2015 to present.

Full-time Lecturer, School of Information

San José State University, San Jose, CA. 2011–2016

Courses taught: Information retrieval system design; Searching; Advanced searching.

Curriculum coordinator of Information retrieval system design course, 2014 to 2016.

Advisor, MLIS e-Portfolio culminating projects, 2011-2014.

Advisor, MLIS special studies and thesis committees, 2008 to 2016.

Part-time Lecturer, School of Library & Information Science

San José State University, San Jose, CA. 2005–2011

Courses taught: Information retrieval; Searching; Advanced searching.

**Library
Experience**

**Law Librarian
Whatcom County, Bellingham, WA. 2005–2016**

Manage collection development, budget, and interactions with courts, jail, prosecuting attorney, bar association, and legal aid groups.

Provide reference service to attorneys, county citizens, and jail inmates.

**Head Librarian and Bibliographer, Physics Library
Stanford University, Stanford, CA. 1978–1982**

As head librarian at one of Stanford's research libraries, served primary clientele of 100 faculty, 150 research staff, and 225 graduate students.

Managed all operations of library, including library staff, collection development, and liaison to SLAC National Accelerator Laboratory.

Earned tenure one year early due to outstanding performance.

**Supervisor and Library Specialist
Chemistry Library, Stanford University, Stanford, CA. 1977–1978**

Supervised two FTE staff and 5 to 6 student assistants; provided reference services; managed acquisitions.

Planned and oversaw merging of two research libraries, chemistry and chemical engineering.

**Cataloging Assistant
Music Library, Stanford University, Stanford, CA. 1975-1976**

Created original MARC cataloging records for musical scores and dissertations.

**Industry
Experience**

**Paralegal
Barron Smith Daugert, PLLC, Bellingham, WA. 2004–2010**

Paralegal to firm's senior partner, with focus on real property law, commercial litigation, and adoptions.

**Product Architect, Software Engineering Group
Dialog/Thomson, Mountain View, CA. 1997–2003**

Information architect for web-based search products.

Directed product design and requirements, incorporating marketing input, vision documents, and competitor data to create effective specifications and prototypes.

Determined the optimal flow of information from several hundred databases, designing navigation, search forms, database groupings, and user input translation.

Conducted usability forums, created documentation for support and selling the product, developed online help. Applied usability principles and customer empathy to all aspects of analysis and design, resulting in search interfaces for quick and precise answers for target users.

**Industry Consultant and Principal
Tucker Learning Company, Woodinville, WA. 1990–1996**

Developed original curriculum materials, including MLIS program textbook for online searching, exercises, teacher guide, and reference guide. Materials were used in graduate school programs for information professionals internationally.

Created user guides for physics, computer science, patents, and business applications. Originated the field guide series, application-based user documentation that shifted instructional programs away from feature- and content-based focus.

Tested search algorithms, documenting quality issues and requirement modifications; wrote metadata standards for database providers.

Manager, Instructional Services

Knight-Ridder Information/Dialog, Palo Alto, CA. 1982–1989.

Managed worldwide customer training programs and seminar materials for customer base of over 100,000 users and 50 instructors.

During tenure, seminar attendance grew tenfold; originated self-instructional programs, including computer-based tutorials, self-paced video training, and self-study manuals.

Conducted over 2,000 hours of customer seminars on topics of online searching, scientific reference research, and database design and construction. Presented in-house courses for company's software engineers.

Supervised five employees, served as liaison to regional and international offices, and hired outside contractors for development work.

Publications

Books

- 2018 Tucker, V.M., & Lampson, M. (in press). *Finding the Answers to Legal Questions, 2d ed.* Chicago: American Library Association ALA Editions.
- 2015 Tucker, V.M., editor and chapter author (2015). *Information Retrieval System Design: Principles and Practice.* Ann Arbor, MI: AcademicPub.
- 2011 Tucker, V.M., & Lampson, M. (2011). *Finding the Answers to Legal Questions.* New York: Neal-Schuman Publishers.
- 1996 Tucker, V.M. (1996). *Online Searching for the Information Professional: Dialog Lab Workbook.* Mountain View, CA: Knight-Ridder Information, Inc.

Peer-reviewed Publications

- 2018 Tucker, V.M. (accepted). Ways of learning of information professionals: Concepts, roles, and strategies. *Advances in Librarianship*, __, __-__.
- 2018 Tucker, V.M. (accepted). Threshold concepts and information experience in information literacy professional education: Curriculum design for online learning. *Communications in Computer and Information Science*, __, __-__.
- 2017 Tucker, V.M. (accepted). Threshold concepts and core competences in the library and information science (LIS) domain: Methodologies for discovery. *Library and Information Research*, __, __-__.
- 2017 Tucker, V.M. & Simmons, M.H. (2017, October). The process of becoming teachers: Professional identity formation among student teachers. *Evidence-Based Teaching and Learning Conference*, October 19-21, 2017, Traverse City, MI. www.lillyconferences-mi.com/presenters
- 2017 Tucker, V.M. (2017, September). Threshold concepts and information experience in IL professional education: Curriculum for transformative online learning. *European Conference on Information Literacy (ECIL)*, September 2017, Saint-Malo, France. ecil2017.ilconf.org/wp-content/uploads/sites/6/2017/09/ECIL-2017-Book-of-abstracts.pdf
- 2017 Tucker, V.M. (2017, March). Understanding expertise and competencies through the lens of threshold concepts. *Library 2.017 Worldwide Conference*, March 29, 2017. www.library20.com/forum/topics/understanding-expertise-through-the-lens-of-threshold-concepts
- 2016 Tucker, V.M. (2016). Learning experiences and the liminality of expertise. In R. Land, H.F. Meyer, & M.T. Flanagan (Eds.), *Threshold Concepts in Practice*, (pp. 93-106). Rotterdam: Sense Publishers. [double blind peer reviewed and editor reviewed]
- 2016 Tucker, V.M., Bruce, C., & Edwards, S.L. (2016). Using grounded theory to discover threshold concepts in transformative learning experiences. *Theory and Method in Higher Education*, 2, 23-46.

- 2016 Tucker, V.M. (2016). Curriculum on the edge: Designing for liminality in learning experiences. *Sixth Biennial International Threshold Concepts Conference, June 16-18, 2016*, Halifax, NS, Canada. www.dal.ca/dept/clt/events-news/Threshold_Concepts/program3/C3_2116a.html
- 2015 Tucker, V.M. (2015). Professional searchers today: Leadership roles in design and information experience. *Library 2.015 Worldwide Conference*, October 20, 2015. www.library20.com/forum/topics/professional-searchers-today-leadership-roles-in-design
- 2014 Tucker, V.M. (2014). The expert searcher's experience of information. In C.S. Bruce, K. Davis, H. Hughes, H. Partridge, & I. Stoodley (Eds.), *Information Experience: Approaches to Theory & Practice*, (pp. 239-255). Bingley, UK: Emerald Group Publishing. [peer and editor reviewed]
- 2014 Tucker, V.M., Weedman, J., Bruce, C.S., & Edwards, S.L. (2014). Learning portals: Analyzing threshold concept theory for LIS education. *Journal of Education for Library & Information Science*, 55(2), 150-165. Selected for Association of College and Research Libraries (ACRL), *Five Things You Should Read About Threshold Concepts*. www.ala.org/acrl/aboutacrl/directoryofleadership/sections/is/iswebsite/projpubs/fivethings
- 2014 Tucker, V.M. (2014). Learning experiences in the novice-expert liminal space. *Fifth Biennial International Threshold Concepts Conference*, July 2014, Durham, England.
- 2012 Maybee, C., Tucker, V.M., & Wakimoto, D. (2014). Cutting, polishing, and displaying: Preparing jewels from your thesis for presentations and publications. *Library 2.012 Worldwide Virtual Conference*, October 2014.
- 2012 Tucker, V.M. (2012). Threshold concepts in search expertise. Poster presentation. *Fourth Biennial Threshold Concepts Conference*, June 2012, Dublin, Ireland.
- 2012 Tucker, V.M. (2012). Threshold concepts in search expertise. Poster presentation. *Association for Library and Information Science Education (ALISE)*, January 2012, Dallas, TX.
- 2011 Tucker, V.M. (2011). Legal information questions in the public library setting. *Library 2.011 Worldwide Virtual Conference*, November 2011. www.library20.com/forum/topics/legal-information-requests-in-the-public-library-setting
- 2011 Tucker, V.M. (2011). Becoming an expert searcher. Poster presentation. *Association for Library and Information Science Education*, January 2011, San Diego, CA.

Editor-reviewed Publications

- 2017 McLaughlin, J. & Tucker, V.M. (2017). Citation indexing and threshold concepts: An essential ah-ha in student learning [Communication]. *Journal of Education for Library and Information Science*, 58(4), 236-240.
- 2015 Tucker, V.M. (2015). Sharpening the search saw: Lessons from expert searchers. *iSchool Research Journal*, 5(1), article 2. <http://scholarworks.sjsu.edu/slissrj/vol5/iss1/2/>
- 2014 Tucker, V.M. (2014). Discovering more: The agony and ecstasy of discovering more in search. (2014, June). *Special Libraries Association Conference*, Vancouver, British Columbia. <http://sched.co/JjnQmo>
- 2008 Tucker, V.M. (2008). Legal research. In H.A. Anderson & K.M. O'Neill (Eds.), *Legal Research and Writing* (Chapter 2, pp. 2-1-2c-10). Seattle, WA: Washington State Bar Association.

Invited Publications & Presentations

- 2017 Threshold Concepts: Implications for Education and Research. (2017, October). San José State CASA Center for Applied Research on Human Services (CARHS) Research Seminar for Fall 2017. Recording available www.sjsu.edu/carhs/events/event_listing/index.html#fall2017
- 2017 European Conference on Information Literacy (ECIL) in Saint-Malo, France attracts participants from around the world. (2017, October). Center for Information Research & Innovation Blog
- 2017 Information Architecture course provides students with experience creating deliverables for stages in IA product lifecycle. (2017, May). Center for Information Research & Innovation Blog.
- 2016 Remaking a Course for Transformational—and Troublesome—Learning. (2016, July). Guest lecture presented to iSchool faculty as part of the T3 Series, San José State University.

- 2016 Research Plan Presentation to International Advisory Board, Center for Information Research and Innovation (CIRI). (2016, May). Invited talk for CIRI International Advisory Board, School of Information, San José State University.
- 2016 Threshold Concepts Conference draws researchers and educators from around the world. (2016, October) Center for Information Research and Innovation Blog.
- 2016 Strategic Search: To Google and Beyond (2016, March). Invited talk at Association for Information Science & Technology Chapter (ASIS&T), San José State University. <http://scholarworks.sjsu.edu/sjsuasist/59>
- 2016 Research in Information Retrieval Systems and Knowledge Structures: Design as a Professional Practice. (2016, March). Invited talk presented to PhD students at the Gateway Virtual Residency, San José State University.
- 2016 Upcoming Threshold Concepts Conference will focus on new research and practice frontiers. (2016, May). Center for Information Research and Innovation Blog.
- 2015 Research Presence in Social Media. (2015, August). Invited talk presented to PhD students at the Gateway Residency, San José State University.
- 2014 Publishing from Your Thesis: Parsing the Possibilities. (2014, August). Invited talk presented to PhD students at the Gateway Residency, San José State University.
- 2013 The Expert Searcher and Threshold Concepts. (2013, November). *School of Information Colloquium Series*, San José State University. <https://youtu.be/4l1Ue0vpcMw>
- 2013 E-Portfolio Teaching Tips and Techniques. (2013, September). Guest lecture presented to iSchool faculty as part of the T3 Series, San José State University.
- 2013 Best Practices in Online Teaching: Student Presentations. (2013, May). Invited lecture presented at the iSchool Faculty Institute, San José State University.
- 2013 Ideas for Student Engagement and Interaction: Take-away Talks. (2013, March). Guest lecture presented to iSchool faculty as part of the T3 Series, San José State University.
- 2012 What Does It Mean to be an Expert Searcher in a 2.0 World? (2012, April). Invited talk at Association for Information Science & Technology Chapter (ASIS&T), San José State University. scholarworks.sjsu.edu/sjsuasist/20/
- 2011 Reflection as a Learning Practice and Creating Clarity in Online Course Navigation and Expectations. (2011, May). Two invited lectures at the iSchool Faculty Institute, San José State University.
- 2011 Helping Pro Se Litigants. (2011, April). Invited speaker at Washington State Paralegal Association Meeting, Bellingham, WA.
- 2009 Legal Research Tips and Tricks. (2009, November). Invited speaker at Washington State Paralegal Association Meeting, Bellingham, WA.
- 2008 Legal research bootcamp CLE. (2008, June). Washington State Bar Association, Continuing Legal Education, Seattle, WA.
- 2007 Electronic tools for the 21st century CLE. (2007, October). Whatcom Bar Association, Continuing Legal Education, Bellingham, WA.
- 2007 Legal research toolkit CLE. (2007, August). Washington State Bar Association, Continuing Legal Education, Seattle, WA.

Awards & Grants

- Law Day Award Recipient, Whatcom County Bar Association, Cited for 'Dedication to the Spirit of the Law', 2016.
- Grant Recipient, Textbook Alternative Project (TAP), San José State University, 2015.
- Outstanding Lecturer Award, School of Information, San José State University, 2011.
- Library Journal* Starred Book, *Finding the Answers to Legal Questions*, 2011.
- National Liberty Bell Award, Washington State Bar Association, Cited for 'Outstanding work as a

Law Librarian in helping the public gain a better understanding of the law,' 2010.
Award of Excellence Nominee, Thomson Corporation, 2003.
Pratt-Severn Best Student Research Paper Award, *A statistical survey of chemical engineering journals: In-house library use, citation analysis, and the use of parameter weighting for ranking and evaluation*, Association for Information Science & Technology (ASIS&T), 1978.
Inductee, Beta Phi Mu Honor Society for Library & Information Science, 1978.
California State Arts Council Grant, KPFA-FM Women in Music, 1976.

Service to Profession

Advisory and Editorial

Reviewer, *Information & Learning Science*, 2017-present.
Reviewer, *Journal of Education for Library & Information Science (JELIS)*, 2012-present.
Editorial Advisory Board, *Student Research Journal (SRJ)*, 2011-present.
Expert Advisory Panel, ProQuest Dialog Interface Redesign, 2009-2010.

Professional Associations

Columnist, *The Nook* on legal research methods and technology. Whatcom County Bar Association newsletter. 2008-2016.
District Officer, Business & Professional Women (WA), 1991-1993.
Chapter Officer, American Association of University Women, Los Altos, CA, 1990.
Chapter Secretary and Member of Executive Board, Association for Information Science (ASIS), San Francisco, CA, 1979-1980.
Coeditor, *Library Bulletin*, Stanford University, 1978-1980.

University

College of Applied Sciences & Arts, Committee to Enhance Equity and Diversity (CEED), 2017-present.
Member, Student Scholarships & Alumni Networking Committee, 2017-present.
Co-chair, Knowledge Organization Program Advisory Committee, 2014-present.
Member, Core Curriculum Committee, San José State School of Information, 2012-present.
Faculty Content Specialist, Academic Advising, 2015-2017.
Member, Curriculum Committee, San José State University School of Information, 2012-2017.
Faculty Sponsor, ProQuest Student-Trainer Program, 2014-2015.
Member, Student Scholarships & Awards Committee, 2011-2012.

University - Supervision of Student Research

- 2017 MLIS Thesis Committee Member, student Laurel Brenner [proposal]. Spring 2017.
- 2017 External Reviewer, PhD Research Proposal ('Stage 2'), student Lee Yen Han. Spring 2017.
- 2016 Faculty Supervisor, Legal research website development project, student Amy Harris. Fall 2016.
- 2016 MLIS Thesis Committee Member, student Kiri Wagstaff. Spring 2015-Spring 2016.
- 2016 Review Panel Member, PhD Candidature, student Kim Morrison. Summer-Fall 2016.
- 2015 MLIS Thesis Committee Member, student Lisa Cheby [proposal]. Fall 2015.
- 2015 Faculty Supervisor, ProQuest Student-Trainer, student Darren Ilett, Fall 2014-Spring 2015.

- 2015 Review Panel Member, PhD Candidature, student Shelly Buchanan. Summer-Fall 2016.
- 2015 External Reviewer, PhD Research Proposal ('Stage 2'), student Africa Hands. Spring 2015.
- 2015 Faculty Supervisor, Taxonomy analyst and intern team, student Jonathan Dale. Fall 2015.

Service to Community

Paralegal Studies Advisory Board, Whatcom Community College, Bellingham, WA, 2007–2015. Chair, 2007-2015. Board Member, 2016-present.
 Webmaster, Law Library of Whatcom County, 2005-present.
 Webmaster, Whatcom County Bar Association, WA, 2005-2017.
 Volunteer, Legal Assistance Whatcom (LAW) Advocates, Bellingham, WA, 2005-2016.
 Board Member, Whatcom Dispute Resolution Center, Bellingham, WA, 2006-2008.

Consulting

Most recent five years:
 Website architecture legal consulting, 2017. [client name proprietary].
 Atypon Systems, Inc., 2016. Vocabulary mapping design. Hired three recent MLIS program graduates for design team. <https://t.co/nND4xTI5C6>
 Whatcom County Law Library, Fall 2016. Systems and collection management.
 Redlink LLC, 2014-2015. Taxonomy design for academic publishing analytics. Hired three student-interns for project team. www.prweb.com/releases/2015/08/prweb12915446.htm

Professional Memberships

Current
 American Association of Law Librarians (AALL)
 Association for Information Science & Technology (ASIS&T)
 Association for Library & Information Science Education (ALISE)
 Information Architecture Institute (IAI)
 International Society for Knowledge Organization (ISKO)
 Law Librarians of Puget Sound (LLOPS)

Previous
 Special Libraries Association (SLA)

Continuing Professional Education

San José State University, School of Information. (2017, September). Student Online Teaching Evaluation (SOTE) Strategies, a Teaching Tips & Techniques seminar.
 San José State University, School of Information. (2017, September). OneSearch Tips and Techniques, a Teaching Tips & Techniques seminar.
 ASIS&T Seminar. (2017, August). Heart of the Information Professions: What Motivates Our Field. Dr. Marcia Bates, UCLA Department of Information Studies.
 OCLC Distinguished Scholar Series. (2017, July). Dr. Kimberly Kristen: We Have Never Been Neutral: Search, Discovery, and the Politics of Access.
 ASIS&T Workshop. (2017, June). How to Design & Build Semantic Applications Linked Data.
 San José State University, eCampus. (2017, June). Qualtrics Workshop. Dr. Jennifer Redd, Director of eCampus.
 Western Washington University (2017, April). Diversity and the Classroom. Dr. Kathryn Lofton, Yale University, Historian and Deputy Dean for Diversity and Faculty Development.
 San José State University, School of Information. (2016, November). Inclusive & Connected Learning: Evaluating & Refining an Academic Community Blogging Platform, a Teaching Tips & Techniques seminar.
 San José State University, School of Information. (2016, October). Using Technology in Online Learning, a Teaching Tips & Techniques for Technologies seminar.

American Association of Law Libraries. (2016, March). Strategies for Online Student Engagement and Learning.

ASIS&T Workshop. (2015, January). Theory and Standards: Debating the New Framework for Information Literacy in Higher Education.

Mediation Training. (2007, September-October). Whatcom Dispute Resolution Center.

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