

Laura Soito

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EDUCATION

- Master of Library and Information Studies** **May 2012**
The University of North Carolina at Greensboro – Greensboro, NC
- Bachelor of Science, Botany & Physical Science** **December 2004**
Northern Arizona University – Flagstaff, AZ
- Associate of Science, Physical Science** **May 2002**
Modesto Junior College – Modesto, CA

LIBRARY EXPERIENCE

Physical Sciences Librarian | Assistant Professor **August 2015 - Present**
The University of New Mexico — Albuquerque, NM

- Serve as the library liaison to the Departments of Chemistry & Chemical Biology, Mathematics & Statistics, and Physics & Astronomy
- Provide reference assistance in Centennial Science and Engineering Library and through the virtual Ask-a-Librarian service
- Provide workshops and instruction to support research and the use of library resources
- Select resources and advise collection development decisions in science and engineering with emphasis on astronomy, chemistry, mathematics, and physics

Research Support Services Librarian **September 2012 - July 2015**
University of California, Davis—Davis, CA

- Served as the library subject specialist and liaison to 4 departments, 6 interdisciplinary graduate groups, and UC Cooperative Extension plant and crop specialists
- Provided reference and research consultation services, both in person and virtually, to support the College of Biological Sciences, College of Agriculture & Environmental Sciences, and the UC Division of Agriculture and Natural Resources
- Led a team of seven library staff to identify and provide support for campus wide research data management and curation needs, including training and consultations on metadata, copyright, data management planning, and identification of research objects
- Consulted on the role of library information standards and technology in the citation of open-source scientific software as part of a National Science Foundation funded project
- Designed and taught information literacy skills within graduate and undergraduate courses, including Writing in the Sciences/Health Sciences, Plants & Society, and the 1300+ student College of Biological Sciences Freshmen Cohort Program
- Advised biological and agricultural collection management and selected resources in botanical, horticultural, forestry, biochemical, and cellular and molecular biology areas
- Provided general training and support for research tools including library databases, bioinformatic databases, bibliographic managers, and data analysis software

Reference and Instruction Practicum**August - December 2011**

Wake Forest University – Winston-Salem, NC

- Designed and delivered instruction sessions to support course-specific assignments
- Assisted with information literacy courses for freshmen and science majors
- Provided in-person, telephone, email, and chat reference service
- Analyzed and provided collection development recommendations for reference collection

Cataloging Intern**March - June 2011**

PLANTS Database Team, US Department of Agriculture – Greensboro, NC

- Cataloged and organized over 900 books, government documents, and media items into a botany reference collection

RELATED EXPERIENCE**Laboratory Technician****October 2005 – August 2012**

Biochemistry Department, Wake Forest School of Medicine – Winston-Salem, NC

- Conducted laboratory and computational experiments
- Taught students, faculty and staff to use new technology and research techniques
- Developed and maintained a protein database with a publically accessible web interface
- Analyzed data and prepared results for publication or presentations

Education Program Volunteer**September 2007-July 2012**

Reynolda Gardens – Winston-Salem, NC

- Led weekly tours for K-6th grade students
- Developed and led science activities for garden summer camp

Arboretum Docent**February 2003-July 2005**

The Arboretum at Flagstaff – Flagstaff, AZ

- Led weekly public tours of the gardens and provided information desk assistance

Math and Science Mentor**January 2000-May 2002**

High School Math Access Program, California State University, Stanislaus - Turlock, CA

- Provided weekly coaching for young women studying math and science
- Led activities for biannual math enrichment days

PUBLICATIONS

Klomsiri, C., Rogers, L.C., **Soito, L.**, McCauley, A.K., King, S.B., Nelson, K.J. Poole, L.B., *et al.* (2014). Endosomal H₂O₂ production leads to localized cysteine sulfenic acid formation on proteins during lysophosphatidic acid-mediated cell signaling. *Free Radical Biology & Medicine*, 71:49-60.

Soito, L., Williamson, C., Knutson, S. T., Fetrow, J. S., Poole, L. B., & Nelson, K. J. (2011). PREX: PeroxiRedoxin classification indEX, a database of subfamily assignments across the diverse peroxiredoxin family. *Nucleic Acids Research*, 39(Database issue), D332-7.

Nelson, K. J., Knutson, S. T., **Soito, L.**, Klomsiri, C., Poole, L. B., & Fetrow, J. S. (2011). Analysis of the peroxiredoxin family: using active-site structure and sequence information for global classification and residue analysis. *Proteins*, 79(3), 947-64.

Klomsiri, C., Nelson, K. J., Bechtold, E., **Soito, L.**, Johnson, L. C., Lowther, W. T., Ryu, S.-E., *et al.* (2010). Use of dimedone-based chemical probes for sulfenic acid detection evaluation of conditions affecting probe incorporation into redox-sensitive proteins. *Methods in Enzymology*, 473(10), 77-94.

Nelson, K. J., Klomsiri, C., Codreanu, S. G., **Soito, L.**, Liebler, D. C., Rogers, L. C., Daniel, L. W., *et al.* (2010). Use of dimedone-based chemical probes for sulfenic acid detection methods to visualize and identify labeled proteins. *Methods in Enzymology*, 473(10), 95-115.

POSTERS & PRESENTATIONS

Soito, L. (2015). *Tools and standards to support software citation*. Invited presentation and panelist at the Software for Science: Getting Credit for Code Workshop, Davis, CA.

Soito, L. (2011). *Summing up some of NCLA: Crowdsourcing, embedded librarianship, & NCpedia*. Illuminate session presented the Jackson Library Post NCLA Lightning Round Up, Greensboro, NC.

Soito, L., Ruffin, I., & Oguz, F. (2011). *Social media in North Carolina public libraries*. Poster presented at the North Carolina Library Association 59th Biennial Conference, Hickory, NC.

Soito, L., Kolb, B., & Hart, G. L. W. (2004). *Using the cluster expansion to predict sequence-dependent properties of DNA*. Presented at the American Physical Society, Four Corners Section Fall Meeting, Albuquerque, NM.

SERVICE

Council on Botanical and Horticultural Libraries

Membership Committee, Membership Coordinator	2013 – Present
Steering Committee, Member (<i>ex officio</i>)	2013 – Present
Publications Committee, Member (<i>ex officio</i>)	2013 – Present

Librarian Association of the University of California

Diversity Committee, Member	2013 – 2015
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Librarian Association of the University of California, Davis

Executive Board, Secretary	2014 – 2015
Program Committee, Member	2012 – 2014

California Digital Library

Resource Liaison for The Arabidopsis Information Resource (TAIR)	2014 – 2015
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University of California, Davis -University Library

Life Sciences Librarian Recruitment Advisory Committee, Member	2015
3rd Floor Reference Service Task Group, Member	2014
Biological & Agricultural Sciences Department, Website Editor	2013 – 2014
Biological & Agricultural Sciences Department, Meeting Convener	2013 – 2014
Biological & Agricultural Sciences Department, Safety Coordinator	2012 – 2014

University of North Carolina, Greensboro Graduate Student Association

Library & Information Studies Department Senator	2011 – 2012
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CURRENT MEMBERSHIPS

New Mexico Library Association	2015
Research Data Alliance	2014
Council on Botanical and Horticultural Libraries	2013
American Library Association	2010
Association of College and Research Libraries	2010
Science & Technology Section	2010
Instruction Section	2012
Botanical Society of America	2004

AWARDS

Bedwell Physical Science Scholar	2005
Northern Arizona University – Flagstaff, AZ	
Hooper Undergraduate Research Award	2004
Northern Arizona University– Flagstaff, AZ	
Botany Student of the Year	2002
Modesto Junior College – Modesto, CA	
Wo-He-Lo Youth Leadership Award	2001
Camp Fire Boys and Girls, Heart of California Council – Madera, CA	