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# HILARY DAVIS

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[lib.ncsu.edu/staff/hmdavis4/index.php](https://lib.ncsu.edu/staff/hmdavis4/index.php) [in linkedin.com/in/hilarymdavis/](https://www.linkedin.com/in/hilarymdavis/)



at NC State University Libraries

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## Education

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| 2003 - 2004 | Master of Library Science<br><i>University of Missouri, Columbia</i> <ul style="list-style-type: none"><li>• Ronald G. Bohley Scholarship, Missouri Library Association</li></ul>  |
| 1998 - 2001 | Master of Science<br><i>University of Missouri, St. Louis</i><br>Focus in Botany (molecular & morphological systematics) <ul style="list-style-type: none"><li>• University of Missouri-St. Louis, St. Louis, MO</li><li>• Organization for Tropical Studies course in tropical plant systematics, Costa Rica</li><li>• Field work conducted in Dominican Republic, Puerto Rico, Jamaica, and Cuba</li></ul> |
| 1992 - 1996 | Bachelor of Science<br><i>Guilford College, Greensboro, NC</i> <ul style="list-style-type: none"><li>• Graduated with Honors in Biology, (Minors: Geology and Chemistry)</li></ul>   |

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## Qualifications

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- Collaborative & team-focused leader
- Budget & Project management
- Collection development & assessment
- Engagement across research lifecycle
- STEM liaison
- Academic training in biological sciences
- Research data management
- Research, writing, public speaking

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| Mar 2015 - present | Head, Collections & Research Strategy (Mar 2013 - present) and Interim Head, Research Engagement (Aug 2020 - present)<br><i>NC State University Libraries</i> <ul style="list-style-type: none"><li>• <b>Lead Research Engagement Department</b> – Provide leadership and oversight for a department of 13 librarians and 1 library assistant that engages with faculty members, researchers, and students across the full lifecycle of research and scholarship with a focus on innovative pedagogy, inclusive and curriculum integrated instruction, high-tech spaces and emerging technologies for research, visualization, data literacy, and research impact.</li><li>• <b>Lead Collections &amp; Research Strategy Department</b> – Oversee \$11.6m collections budget with focus on sustainable and responsive collection strategies, including transformative deals as they align with our campus collections needs; manage of a team of 6 librarians and 1 library assistant by empowering client-focused approaches for discovery, promotion, development, and assessment of collections; guide innovative approaches to streamline and optimize demand-driven and data-informed collections strategies; lead and delegate collections projects including periodic, large-scale collection reviews and cancellations; build and maintain diverse relationships with campus stakeholders and endowment donors to ensure alignment with University mission and goals; collaborate with TRLN colleagues to maximize equitable access and cost-effectiveness of collections.</li></ul> |
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- **Management and Strengths-Based Coaching** – Provide customized coaching to librarians and staff in the departments I lead, focusing on identifying and leveraging talents and strengths to support individual and library goals; facilitate team development via retreats and online social activities during COVID-19 pandemic; encourage growth mindset, transparency, and psychological safety in the workplace; empower teams to engage in ideation and decision-making that fosters an inclusive and equitable culture; ensures that resources and training are available; participate in Gallup Q12 survey in 2020 leading to ongoing library-wide changes to improve the engagement of all library employees.
- **Guide and Catalyze Research Engagement and Digital Scholarship Efforts** – Collaborate with library colleagues and campus partners to coordinate services and outreach in support of research data management at NC State including successful Data Management Plan (DMP) Review service; facilitate efforts of librarians to engage with faculty, staff, and students across the research life cycle including information discovery, data curation, research impact metrics, ORCID adoption and integration with SciENcv biosketch platform, open research practice, and scholarly communication; foster campus partnerships to deepen Libraries' role in research engagement; liaise with consortial stakeholders.
- **Team Lead for Ithaka S+R Study** "Teaching with Data in the Social Sciences" – Lead interview recruitment process, conduct interviews with instructors, manage data analysis and collaborate on final report and associated presentations.
- **Managed and collaborated on Fellows Initiative "Raising the Profile of the NCSU Libraries' Research Support Strategies & Engagement"**: The results of the initiative have informed the development of outreach strategies to promote research support and engagement while providing a framework for learning about and responding to needs of researchers at NC State. Outcomes of this work include: (1)
  - 23 interviews with researchers, 24 interviews with 75 librarians
  - Created prototypes of cross-sectional researchers' needs ("Research Tracks")
  - Open research in practice project site with all research outputs and initiative logistics: [doi.org/10.17605/OSF.IO/AKD2V](https://doi.org/10.17605/OSF.IO/AKD2V)
- **Manage Data Analysis and Assessment Efforts** - Oversee projects to optimize collection assessment efforts including ways to leverage usage statistics, local citation and publication patterns, ARL metrics, and other collection intelligence tools (e.g., ERM systems); expand data-informed collection assessment across department; oversee data analyses for planning documents, accreditation reviews, surveys, and inventory projects; supervised NCSU Libraries Fellow for collection analytics.
- **Liaison for Sciences Faculty, Staff, and Students** – Serve as liaison for various science disciplines (including civil engineering, chemical engineering, math, statistics, and physics) in support of NC State University's mission to advance research and teaching; responsible for building and evaluating collections in all formats; use Peoplesoft and Sirsi ILS to manage funds and conduct data analyses; negotiate with vendors and publishers; evaluate donations.
- **Supervisor for Student Assistants**: Supervised students collaborating with librarians on projects related to collection evaluation and development such as peer comparisons, gap analyses, fine-tuning of approval plan, guiding decision-making for journal access, and enhancing collections outreach.
- **Collaborate on Library-wide Committees and Strategic Initiatives including:**
  - Leadership and development of library services and campus partnerships to support research data management and public access compliance
  - Founded and implemented the NCSU Libraries' Data Science and Visualization Institute for Librarians (first offered in October 2015)
  - Conduct targeted outreach about services and collections for high-profile researchers including Chancellor's Faculty Excellence (cluster) and Faculty Scholars research groups
  - Maintain awareness of of scholarly communication issues including journal publishing and pricing models, licensing, authors' rights, emerging trends in creation of and access to digital scholarship
  - Led planning for collections and research engagement within context of Hunt Library and D.H. Hill Library renovations
  - Development and management of in-house ERM (E-Matrix)

Sept 2013 - Mar 2015

Interim Head, Collection Management & Director of Research Data Services

*North Carolina State University Libraries*

- **Led the management responsibility for a department of nine librarians and two staff** - oversaw and guided collection development/management in science and engineering areas, directly supervising three librarians; led and delegated collections projects; led planning & policy development, budget allocation and management.
- **Led 2014 Collections Review cancellation process for journals and databases** including internal review strategies, timelines, budget cut decision-making, outreach to campus for

awareness and feedback.

- **Led major reviews and negotiations including** consortial OUP ebooks deal, led library-wide review of OCLC WorldCat Discovery product, coordinated library-wide review and notification plan for NC LIVE collection changes.
- **Coordinated special one-time spending project** to identify and justify resources for \$422K funds from Provost for one-time resource acquisition.
- **Managed Libraries' approval plan and DDA program.**
- **Supervisor for librarians and SPA library assistant:** Guided projects and collecting responsibilities; held regular meetings with each to discuss projects and goals, develop new skills and/or knowledge, and develop strategies for managing projects and/or new responsibilities.
- **Co-Chaired the Research Data Committee**, whose charge is to shape and articulate the Libraries' role in the management and curation of research data campus-wide; and actively monitor trends, tools, and strategies in support of the discovery, access, use, and sharing of research data for and by researchers at NC State.
- **Led DMP Review Service for NC State.** Since Sept 2013, we have reviewed 18 DMPs and have provided consultation on data repositories and metadata creation.
- **Led outreach efforts with research enterprise** including Research Support Committee, SPARCS, OIT, Proposal Development Unit, Office of Tech Transfer, and college research administrators on the development and expansion of research data support services at NC State including presentations about Data Management Planning (including NIH Public Access Compliance support).
- **Participated in meetings with internal and external stakeholders** including Management Council, RIS, SCRC, CDSC, Subject Team & Researcher Engagement, ITAC, ERM, CTSH, CM/ACQ, interviews with job candidates (including Fellows).

Dec 2010 - Sept 2013

Associate Head, Collection Management & Director of Research Data Services

*North Carolina State University Libraries*

- **Shared the management responsibility for a department of nine librarians and two staff** - oversaw and guided collection development/management in science and engineering areas, directly supervised three librarians; led and delegated collections projects specific to science/engineering; collaborated with Head of Department on planning & policy development, budget allocation and management; deputized for Head of Department in their absence.
- **Led the department's data analysis efforts** -served as Collection Management's primary representative in collaborative initiatives related to the NCSU Digital Repository, including E-Science projects and Research Data Management support; oversaw and identified projects to optimize collection assessment efforts including ways to leverage electronic and print usage statistics, citation analysis, ARL metrics, and other collection intelligence tools such as in-house ERM (E-Matrix); expanded collection analytics training and self-sufficiency across department; supervised NCSU Libraries Fellow for collection analytics.
- **Served as liaison for Chemistry, Math & Statistics** faculty and researchers in support of NCSU's mission to further research and teaching; was responsible for building and evaluating collections in all formats; negotiated with vendors and publishers; evaluated donations.
- **Served on Physical and Engineering Sciences Subject Team** - collaborated with science & engineering librarians on print and electronic resources evaluation, serials reviews, development of subject guides; engaged in outreach via Physical & Engineering Sciences blog.
- **Served on library-wide committees and strategic initiatives project teams** working with Reference, Digital Library Initiatives, Personnel, Systems, Acquisitions, Special Collections, Scholarly Communications Center, Director's Council.

Apr 2008 - Dec 2010

Assistant Head, Collection Management for Engineering & E-Science at NCSU Libraries

*North Carolina State University Libraries*

- **Shared the management responsibility for a department of nine librarians and two staff** - oversaw and guided collection development/management in science and engineering areas, directly supervising three librarians; led and delegated collections projects specific to science/engineering; collaborated with Head of Department on planning & policy development, budget allocation and management; deputized for Head of Department in their absence.
- **Led the department's data analysis efforts** -served as Collection Management's primary representative in collaborative initiatives related to the NCSU Digital Repository, including E-Science projects and Research Data Management support; oversaw and identified projects to

optimize collection assessment efforts including ways to leverage electronic and print usage statistics, citation analysis, ARL metrics, and other collection intelligence tools such as in-house ERM (E-Matrix); expanded collection analytics training and self-sufficiency across department; supervised NCSU Libraries Fellow for collection analytics.

- **Served as liaison for Chemistry, Math & Statistics** faculty and researchers in support of NCSU's mission to further research and teaching; was responsible for building and evaluating collections in all formats; negotiated with vendors and publishers; evaluated donations.
- **Served on Physical and Engineering Sciences Subject Team** - collaborated with science & engineering librarians on print and electronic resources evaluation, serials reviews, development of subject guides; engage in outreach via Physical & Engineering Sciences blog.
- **Served on library-wide committees and strategic initiatives project teams** working with Reference, Digital Library Initiatives, Personnel, Systems, Acquisitions, Special Collections, Scholarly Communications Center, Director's Council.

Jun 2006 - Apr 2008

Collection Manager for Physical Sciences, Engineering & Data Analysis at NCSU Libraries

*North Carolina State University Libraries*

- **Collection Manager for Physical and Mathematical Sciences** - served as liaison for Chemistry, Physics, Math, Statistics and selected Engineering faculty and researchers in support of NCSU's mission to further research and teaching; was responsible for building and evaluating collections in all formats including books, conference proceedings, journals, databases; used Sirsi ILS to manage funds and conduct data analysis; negotiated with vendors and publishers; evaluated donations; was responsible for maintaining and analyzing collections data for the Libraries in the form of regular and on-demand statistical reports as defined by departmental and library goals; coordinated data collection for planning documents, accreditation reviews, questionnaires, statistical surveys, and inventory projects.
- **Served on Physical and Engineering Sciences Subject Team** - collaborated with science-based Collection Managers and Reference librarians on print and electronic resources evaluation, serials cancellations, development of subject guides; maintained database of contacts with faculty and students; developed and maintained Physical & Engineering Sciences blog as outreach tool to NCSU community.
- **Served on library-wide committees and strategic initiatives project teams** working with Reference, Digital Library Initiatives, Personnel, Systems, Acquisitions, Special Collections, Scholarly Communications Center, Director's Council.
- **Supervisor for Graduate Assistant** - supervised MLS students collaborating with Collection Managers on projects related to collection evaluation and development such as fine-tuning of approval plan, comparison of database products, collecting faculty-published books, guiding decision-making for journal access, and authoring Physical & Engineering Sciences blog.

Jan 2005 - Jun 2006

NCSU Libraries Fellow & Collection Manager for Physical & Mathematical Sciences

*North Carolina State University Libraries*

The Fellows Program is a highly selective post-MLS professional program designed to develop leaders in science, engineering and digital librarianship and in library management and administration.

- **Collection Manager for Physical and Mathematical Sciences** - served as liaison for Chemistry, Physics, Math and Statistics faculty and researchers in support of NCSU's mission to further research and teaching; was responsible for building and evaluating collections in all formats including books, conference proceedings, journals, databases; used Sirsi ILS to manage funds and conduct data analysis; negotiated with vendors and publishers; evaluate donations.
- **Engaged in two-year project to develop a digital/institutional repository as part of NCSU Libraries' strategic initiatives** - researched and developed policies for faculty publications repository; collected, analyzed and reported on copyright issues of NCSU faculty-authored publications and self-archiving behavior; identified and assessed promising content for repository, considering copyright and archiving permissions; researched open access issues; developed workflows and outreach/training methods.
- **Served on Physical and Engineering Sciences Subject Team** - collaborated with science-based Collection Managers and Reference librarians on print and electronic resources evaluation, serials cancellations, development of subject guides; maintained database of contacts with faculty and students; developed and maintained Physical & Engineering Sciences blog as outreach tool to NCSU community.

- Served on library-wide committees and strategic initiatives project teams working with Reference, Digital Library Initiatives, Personnel, Systems, Acquisitions, Special Collections, Scholarly Communications Center, Director's Council.
- Conducted bibliographic instruction for engineering courses

Jun 2002 - Dec 2004

#### Library Assistant for Engineering

*Washington University, St. Louis, MO*

- Performed standard library operations (reference assistance, circulation, reserves, collection maintenance, use statistics, documentation of library procedures, inventories, equipment and computer troubleshooting)
- Served faculty, staff and students of Chemistry Department and School of Engineering
- Primary contact for Engineering School in absence of Librarian
- Developed and maintained online research guides, web pages for e-journals and databases for Engineering and Chemistry communities
- Collaborated with instructor in development and deployment of online modules and quizzes for graduate level Chemical Information Literacy course
- Assisted in hiring, training and supervision of student assistants
- Served on library-wide committees and strategic initiatives project teams

Apr 2000 - Dec 2010

#### Website Design and Maintenance

*Angiosperm Phylogeny Website (<http://www.mobot.org/MOBOT/research/APweb/>)*

- Responsible for layout, design and maintaining website
- Collaborate in developing content of website, including plant chemical structures, glossary, image collection
- Monitor site use and traffic
- Featured in Science ("NetWatch," vol. 296, 5 April 2002) and the Scout Report (vol. 1, 22 February 2002)

1999 - 2001

#### Graduate Teaching and Research Assistantships

*University of Missouri - St. Louis*

- Developed and taught course materials for introductory ecology, botany and general biology for 20-40 students per semester, graded assignments, coordinated and led field trips, held review sessions and office hours, developed course websites and online components (Blackboard)

1997 - 1999

#### Library Assistant for research and academic libraries

- USGS-BRD-Midcontinent Ecological Science Center, Fort Collins, CO
- National Wildlife Research Center, USDA-APHIS, Fort Collins, CO
- Interlibrary Loan Department, Colorado State University, Fort Collins, CO

1996 - 1997

#### Applications Lab Technician

*Stockhausen, Inc., Greensboro, NC*

- Developed lab methods, analyzed data, developed presentations and reports of polymer performance results for customers

1993 - 1996

#### Library Circulation Clerk

*Guilford College, Greensboro, NC*

- Responsible for opening and closing library, circulation, answered basic reference questions, collection maintenance, equipment troubleshooting

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## Publications

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Orcutt, D., H. Davis, & G. Raschke. 2020. "Collections as Platform: Synthesizing Content, Computation, and Capacity." *EDUCAUSE Review*, v. 55 (3).

Frazier, K., J. Vickery, & H. Davis. 2020. "Seeing the Forest for Trees: Tools for Analyzing Faculty Research Output." *Serials Review*, v. 46 (3), 10.1080/00987913.2020.1806652.

Bennett, S., K. Ciccone, & H. Davis. 2020. "Engaged Librarianship at the NC State University Libraries." *Against the Grain*, v. 32 (4).

Davis, H. & L. Whittenberger. 2020. "Popular Reading in Context: NC State University Libraries' Implementation of a Popular Book Collection." *Against the Grain* (accepted).

Rabun, S. "Streamlining NIH and NSF Grant Applications with ORCID and SciENcv: A step by step guide to help your researchers prepare" (contributor). *NCURA Magazine* (June 2020).

Nickels, C. & H. Davis. 2019. "Understanding Researcher Needs and Raising the Profile of Library Research Support." *UKSG Insights* (OA peer-reviewed publication). <http://doi.org/10.1629/uksg.493>

Nickels, C. & H. Davis. 2019. Final Report and Executive Summary- Raising the profile of the NC State University Libraries' research support strategies and engagement (Jul 2019): [doi.org/10.17605/OSF.IO/AKD2V](https://doi.org/10.17605/OSF.IO/AKD2V)

Davis, Hilary and Colin Nickels. 2018. "Raising the Profile of Library Research Support." Medium publication *Raising the Profile*, September 2018. <https://medium.com/raising-the-profile/raising-the-profile-of-library-research-support-f3d02a35321a>

Nickels, Colin and Hilary Davis. 2018. "Gathering the Librarian Perspective on Research Support." Medium publication *Raising the Profile*, September 2018. <https://medium.com/raising-the-profile/gathering-the-librarian-perspective-on-research-support-879c8cbc440c>

Davis, Hilary and Greg Raschke. 2017. "Data Informed and Community Driven: Using Data and Feedback Loops to Manage a Journal Review and Cancellation Project." *Against the Grain*, v. 29 (2).

Davis, Hilary. 2016. "NCSU Libraries Research Data Management Support and Training." *NC State Proposal Development Newsletter*.

Davis, Hilary and William Cross. 2015. "Using a Data Management Plan Review Service as Training Ground for Librarians." *Journal of Librarianship and Scholarly Communication* (September 2015).

Cross, William and Hilary Davis. 2015. "Where do we go from here: Choosing a framework for assessing research data services and training)." *Charleston Conference Proceedings*.

Cross, William and Hilary Davis. 2014. "Building capacity in your library for research data management support (or what we learned from offering to review DMPs)." *Charleston Conference Proceedings*.

Alpi, Kristine, William Cross, and Hilary Davis. 2013. "Support When It Counts - library roles in public access to federally-funded research." *Charleston Conference Proceedings*.

Davis, Hilary M. and Annette Day. 2012. "Data-informed Collection Management at the NCSU Libraries." *Against the Grain*, vol. 24(4): 18-24.

Day, Annette, John N. Vickery, and Hilary M. Davis. 2012. "Accidental Collection Assessment: the NCSU Libraries Collection Move." *Charleston Conference Proceedings*.

Davis, Hilary, Barrie Hayes, and Steve Morris. 2012. "Keeping the Momentum: Moving Ahead with Research Data Support." *Charleston Conference Proceedings*.

Davis, Hilary. 2011. "Reconsidering Facebook." In the Library with the Lead Pipe (peer-reviewed blog): <http://www.inthelibrarywiththeleadpipe.org/2011/reconsidering-facebook/>

Day, Annette and Hilary Davis. 2010. "Collection Intelligence: Using data driven decision-making in collection management." *Charleston Conference Proceedings*, in press.

Davis, Hilary. 2010. "Fantasy Pricing – An Interview with Selden Lamoureux." In the Library with the Lead Pipe (peer-reviewed blog): <http://www.inthelibrarywiththeleadpipe.org/2010/fantasy-pricing/>

Davis, Hilary. 2010. "Message from Science-Technology Chair." *Sci-Tech News*, vol. 64 (no. 2): <http://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1085&context=scitechnews>

Davis, Hilary. 2010. "Sci-Tech 2010 Conference Sessions - Sessions Led by or Co-sponsored by the Sci-Tech Division." *Sci-Tech News*, vol. 64 (no. 2): <http://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1088&context=scitechnews>

Davis, Hilary. 2010. "Déformation Professionnelle." In the Library with the Lead Pipe (peer-reviewed blog): <http://www.inthelibrarywiththeleadpipe.org/2010/deformation-professionnelle/>

Davis, Hilary. 2010. "Message from Science-Technology Chair." *Sci-Tech News*, vol. 64 (no. 1): <http://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1069&context=scitechnews>

Davis, Hilary. 2009. "Message from Science-Technology Chair-Elect." *Sci-Tech News*, vol. 63 (no. 4): <http://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1053&context=scitechnews>

Davis, Hilary. 2009. "Not Just Another Pretty Picture." In the Library with the Lead Pipe (peer-reviewed blog): <http://inthelibrarywiththeleadpipe.org/2009/not-just-another-pretty-picture/>

Davis, Hilary. 2009. "Message from Science-Technology Chair-Elect." *Sci-Tech News*, vol. 63 (no. 3): <http://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1032&context=scitechnews>

Davis, Hilary. 2009. "2009 Annual Conference Report, Science of Imagination." *Sci-Tech News*, vol. 63 (no. 3): <http://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1027&context=scitechnews>



Day, Annette and Hilary Davis. 2009. "A Look at Librarianship through the Lens of an Academic Serials Review." In the Library with the Lead Pipe (peer-reviewed blog): <http://inthelibrarywiththeleadpipe.org/2009/a-look-at-librarianship-through-the-lens-of-an-academic-library-serials-review/>

Lown, Cory and Hilary Davis. 2009. "Are You Worth It? What Return on Investment Can and Can't Tell You About Your Library." In the Library with the Lead Pipe (peer-reviewed blog): <http://inthelibrarywiththeleadpipe.org/2009/are-you-worth-it-what-return-on-investment-can-and-can't-tell-you-about-your-library/>

Davis, Hilary M. 2009. "Data for Repositories: Making the Case and Integrating into Practice." In Darby Orcutt (Ed.), *Library Data: Empowering Practice and Persuasion*.

Davis, Hilary M. 2009. "A Look at Recessions and the Health of the Librarianship Job Market." In the Library with the Lead Pipe (peer-reviewed blog): <http://inthelibrarywiththeleadpipe.org/2009/a-look-at-recessions-and-their-impact-on-librarianship/>

Davis, Hilary M. 2008. "Swings and Roundabouts." In the Library with the Lead Pipe (peer-reviewed blog): <http://inthelibrarywiththeleadpipe.org/2008/swings-and-roundabouts/>

Davis, Hilary M., Annette P. Day and Darby Orcutt. 2008. "Further Reflections on the WorldCat Collection Analysis Tool (WCA)." *Collection Management*, vol. 33 (3): pp. 236-245: <http://www.lib.ncsu.edu/resolver/1840.2/1240>

Davis, Hilary M. 2008. "Evolving Purchasing and Collection Models for Serials." In Maria Collins and Patrick L. Carr (Eds.), *Making the Transition from Print to Electronic Journals and Resources*, Routledge: New York, pp.65-79: <http://www.lib.ncsu.edu/resolver/1840.2/2161>

Davis, Hilary M. and John N. Vickery. 2007. "Datasets, a Shift in the Currency of Scholarly Communication: Implications for Library Collections and Acquisitions." *Serials Review*, vol. 33(1): 26-32: <http://www.lib.ncsu.edu/resolver/1840.2/59>

Davis, Hilary M. 2005. "Library collection assessment through statistical sampling (Book Review)." *Library Resources and Technical Services*, vol. 49 (4): 284-285: <http://www.lib.ncsu.edu/resolver/1840.2/2298>

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### Invited Talks & Presentations

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Fransen, J., J. Scott, H. Davis, J. Ronallo, & S. Rabun. "Connecting the Dots: Using ORCID to Consolidate Research Information for Reporting and Assessment" (panel). CNI Spring Meeting, May 2020.

Davis, H. & R. Olendorf. "Using ORCID with SciENcv to Save Researchers Time & Reduce Burden." College of Natural Resources Workshop (asynchronous recording + synchronous drop-in support session), April 2020.

Rainey, H., E. Brown, S. Hallman, B. Chang, & H. Davis. "NC State's Engaged Liaison Model" (panel). UCF Libraries RIS Retreat, April 2020.

Davis, H. & R. Olendorf. "Research support from the NCSU Libraries." College of Natural Resources Faculty meeting, March 2020.

Davis, H. & S. Ivey. "Research Support from NCSU Libraries." NSF CAREER Award Workshop, March 2020.

Ronallo, J. & H. Davis. "Using ORCID with SciENcv to Save Researchers Time & Reduce Burden: NC State's Approach." ORCID US Community Call, February 2020.

Davis, H. & J. Ronallo. "Using ORCID with SciENcv to Save Researchers Time & Reduce Burden: NC State's Approach." Federal Demonstration Partnership (FDP) Winter Meeting, January 2020.

Ivey, S. & H. Davis. "Dryad @ NC State." TRLN Data Services Unconference, January 2020.

Davis, H. & J. Ronallo. "ORCID and SciENcv: Libraries' Support for Adding Publications to Your Biosketches." College of Sciences NSF CAREER Award workshop, December 2019.

Ronallo, J. & H. Davis. "Saving Researchers Time with ORCID." Computer Science Faculty Seminar, December 2019.

Ronallo, J. & H. Davis. "Saving Researchers Time with ORCID." University Research Council, December 2019.

Davis, H., J. Ronallo, M. Puente, P. Hayes, & M. Seate. "SciENcv, ORCID and NC State Library Tools/Services." RSC Q&A panel presentation, November 2019.

Goldsmith, D., Collins, M., & H. Davis. "Big deals update for Management Council." NC State University Libraries Management Council, September 2019.

Nickels, C. & H. Davis. "Raising the Profile of the NC State University Libraries' Research Support Strategies & Engagement." University Library Committee, September 2019.

Davis, Hilary and Susan Ivey. 2019. "Research Support from the NCSU Libraries." NSF CAREER Award Workshop, March 2019.

Davis, Hilary. 2018. "Research Support from the NCSU Libraries." NSF CAREER Award Workshop, March 2018.

Davis, Hilary. 2016. "Research and Collection Strategies." FOL Board Orientation, July 2016.

Davis, Hilary. 2015. "Research Data Support from the NCSU Libraries." Proposal Development Network, October 2015.

Ciccone, Karen, Will Cross, Hilary Davis, and Mohan Ramaswamy. 2015. "Research Data Management," workshop for Responsible Conduct of Research, October 2015.

Alpi, Kristine, Hilary Davis and Bob Sotak. 2015. "Biosketch Training" for Center for Human Health and the Environment, August 2015.

Davis, Hilary. 2011. "Visualizing Library Data." Presentation at the SLA Pharmaceutical & Health Technology Division Spring Meeting, Orlando, FL, April 2011.

Davis, Hilary M. Panelist for Fellows Advisory Committee Seminar, "Library Publishing Panel" (spoke on diversity of publication venues and approaches depending on audience and format), May 2010, Raleigh, NC.

Davis, Hilary M. Panelist for NCSLA seminar, "Leverage your Career," April 2009, Chapel Hill, NC.

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## Presentations & Posters

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Nickels, C. & H. Davis. "Research Tracks: Uniting Cross-Sectional Needs of Researchers." TRLN Annual Conference, July 2020.

Frazier, K., H. Davis, & J. Vickery. "Seeing the Forest for Trees: Tools for Analyzing Faculty Research Output." NCLA RSS Webinar, June 2020.

Ivey, S. & H. Davis. "Connecting Through Dryad: Piloting the New Community-Led Model to Enhance Research Data Services" (poster). Research Data Access & Preservation (RDAP) Summit, March 2020.

Carroll, A., B. Chang, H. Davis, & C. Nickels. "Learning by Listening: Identifying User Needs through Semi-Structured Interviews" Charleston Conference pre-conference workshop, November 2019.

Chang, B., Davis, H., & C. Nickels. " 'You Must Run Twice as Fast as That': Using Insights from Researchers to Align Library Support to Researchers' Needs." Charleston Conference, November 2019.

Davis, H., & S. Ivey. "Taking a Hard Look at Our Research Data Support Through A Critical Lens." RDAP Summit, May 2019: doi:10.17605/OSF.IO/H74SN

Nickels, C., & Davis, H., "Understanding Researcher Needs and Raising the Profile of Library Research Support" NC State University Libraries Share With a Peer, May 2019.

Nickels, Colin and Hilary Davis. 2019. "Understanding Researcher Needs and Raising the Profile of Library Research Support." NC Serials Conference, April 2019.

Chang, Bertha, Colin Nickels, Alex Carroll, and Hilary Davis. 2019. "'They Use the Library, Don't They?': Investigating our Researchers' Workflows through Qualitative Inquiry." Empirical Librarians Conference, March 2019.

Cramer, Carol, Hilary Davis, Suchi Mohanty, and Lynn Whittenberger. 2018. "Popular reading collections in academic libraries - a panel discussion on goals, parameters, and campus reactions." Charleston Conference, November 2018.

Davis, Hilary, Mira Waller, and Scott Warren. 2018. "Tradition + Evolution: providing scaffolding for librarians in a time of change." Charleston Conference, November 2018.

Nickels, Colin and Hilary Davis. 2018. "Early findings from Fellows initiative on Libraries' research support & outreach." SWAP - Share With a Peer, April 2018.

Davis, Hilary, Colin Nickels, and Mira Waller. 2018. "The NCSU Libraries' Support for Students as Early Career Researchers" (poster). Teaching and Learning Symposium, February 2018.

Davis, Hilary and Mira Waller. 2018. "Re-Framing Library Liaison Roles Around Research Collaboration." Re-Think It Conference, January 2018.

Davis, Hilary, Teresa Hazen, and Lynn Whittenberger. 2017. "Weathering the Storm with E-book Auto-Upgrades." Charleston Conference, November 2017.

Broadhurst, Dominic, Hilary Davis, and Lynn Whittenberger. 2017. "Views from Across the Pond – Library Textbook Provision in the USA and UK." Charleston Conference, November 2017.

Herndon, Joel, Danianne Mizzy, Hilary Davis, David Rachlin (TRLN Research Data Management & Use Task Group). 2017. "Building a Data Community of Practice." TRLN Annual Meeting, July 2017.

Davis, Hilary and Honora Eskridge. 2016. "Developing Research-Engaged Librarians at the Interface of Data Science and Visualization (presentation)." Digital Library Federation, November 2016.

Davis, Hilary and Honora Eskridge. 2016. "Developing Liaison Librarians for Data-Intensive Research Engagement (presentation)." Entrepreneurial Librarians Conference, October 2016.

Grguric, Ekaterina, Hilary Davis, and Bret Davidson. 2016. "Supporting the Modern Research Workflow" (poster). ASIS&T, December 2016, 10.1002/pa2.2016.14505301136.

Davis, Hilary and Cross, William. 2015. "Where do we go from here: Choosing a framework for assessing research data services and training)." Charleston Conference, November 2015.

Ciccione, Karen, Hilary Davis and Greg Raschke. 2015. "Preparing Research Librarians for Transformed Libraries: Creating a Community of Practice." Designing Libraries Conference, September 2015.



Cross, William & Hilary Davis. 2014. "Building capacity in your library for research data management support." Charleston Conference, November 2014.

Alpi, Kristine, William Cross, and Hilary Davis. 2013. "Support When It Counts - library roles in public access to federally-funded research." Charleston Conference, November 2013.

Day, Annette, John N. Vickery, and Hilary M. Davis. 2012. "Accidental Collection Assessment: the NCSU Libraries Collection Move." Charleston Conference, November 2012.

Davis, Hilary, Barrie Hayes, and Steve Morris. 2012. "Keeping the Momentum: Moving Ahead with Research Data Support." Charleston Conference, November 2012.

Davis, Hilary. 2011. "Put it Simply: Tools and Tips for Communicating Library Collections Data." Charleston Conference, November 3, 2011. [http://prezi.com/b4gmndzdiothb/charleston-2011/?auth\\_key=76473d4cbe05e83d6eab2c1f1a9387949f47918a](http://prezi.com/b4gmndzdiothb/charleston-2011/?auth_key=76473d4cbe05e83d6eab2c1f1a9387949f47918a)

Davis, Hilary. 2011. "Visualizing Library Data." Presentation at the SLA Pharmaceutical & Health Technology Division Spring Meeting, Orlando, FL, April 12, 2011. <http://www.visualcv.com/users/166752/cvs/199050/assets/421115>

Day, Annette and Hilary Davis. 2010. "Collection Intelligence: Using data driven decision-making in collection management." Charleston Conference, November 6, 2010. <http://www.slideshare.net/annetteday2/collection-intelligence-using-data-driven-decision-making-in-collection-management>

Davis, Hilary. 2010. "Collection Intelligence: Library Data Visualizations." Presentation at the SLA Annual Conference, June 14, 2010, New Orleans, LA.

Davis, Hilary. 2010. Science-Technology Division Business Meeting and Awards Session. Presentation at the SLA Annual Conference, June 15, 2010, New Orleans, LA.

Davis, Hilary. 2010. Science-Technology Division Board Meeting. Presentation at the SLA Annual Conference, June 13, 2010, New Orleans, LA.

Panel presenter for Fellows Advisory Committee Seminar, "Library Publishing Panel" (spoke on diversity of publication venues and approaches depending on audience and format), May 2010, Raleigh, NC.

Davis, Hilary. 2010. Science-Technology Division Board Meeting. Presentation at the SLA Leadership Summit, January 27, 2010, St. Louis, MO.

Davis, Hilary M., Annette P. Day and John N. Vickery. 2009. "Catching the Taiga by the Tail: What's Next for Collection Development?" Presentation at the Triangle Research Libraries Annual Meeting, July 24, 2009, Chapel Hill, NC.

Panel presenter for NCSLA seminar, "Leverage your Career" (spoke on strategies for staying current in the profession), April 2009, Chapel Hill, NC.

Davis, Hilary M. and Annette P. Day. 2007. "WorldCat Collection Analysis: Evaluating the ILL Enhancements as a Resource to Guide Strategic Collection Decisions." Presentation at the XXVII Annual Charleston Conference, November 7-10, 2007, Charleston, SC.

Ruttenberg, Judy and Hilary M. Davis. 2007. "Building a Regional Print Archive: Implications and Future Directions for ARL Libraries." Presentation at the XXVII Annual Charleston Conference, November 7-10, 2007, Charleston, SC.

Vickery, John N. and Hilary M. Davis. 2006. "Datasets: a New Paradigm for Library Collections?" Presentation at the XXVI Annual Charleston Conference, November 8-11, 2006, Charleston, SC.

Samples, Jacqueline and Hilary M. Davis. 2006. Invited participation in panel discussion on the "Technology of Outreach: technology supporting the connection," American Library Association Annual Conference, June 24-27, 2006, New Orleans, LA.

Samples, Jacqueline and Hilary M. Davis. 2006. "Placing Researchers at the Heart of Digital Repositories," ACRL/CNI/Educause Joint Virtual Conference, April 20-21, 2006, [www.ala.org/ala/acrl/acrlvents/virtualconference.htm](http://www.ala.org/ala/acrl/acrlvents/virtualconference.htm).

Davis, Hilary M. and John N. Vickery. 2006. "The Shift in the Currency of Scholarly Information - Implications for Library Collections and Acquisitions." Presentation at the 15th Annual North Carolina Serials Conference, March 30-31, 2006, Chapel Hill, NC.

Peter F. Stevens and Hilary M. Davis. 2005. "Angiosperm Phylogeny Website - a tool for reference and teaching in a time of change." Poster Presented at the ASIS&T Annual Meeting, October 28 - November 2, 2005, Charlotte, NC.

Davis, Hilary M. and Eleanor Smith. 2005. "Exploring relationships between publicly funded research and public consumption of research" -- [www.sla.org/division/dche/2005/davis.pdf](http://www.sla.org/division/dche/2005/davis.pdf). Poster presented at the SLA Annual Conference, June 5-8, 2005, Toronto, Canada.

Davis, Hilary M. 2005. "Impact of funding sources on scholarly communication." Poster presented at the Librarians Association of UNC-Chapel Hill (LAUNC-CH) Research Forum, May 25, 2005, Chapel Hill, NC.

Davis, Hilary and P.F. Stevens. 2001. "Angiosperm phylogeny and morphology: /APweb/" -- [www.mobot.org/MOBOT/research/APweb/](http://www.mobot.org/MOBOT/research/APweb/). Poster presented at the Deep Morphology International Symposium, October 18-21, 2001, Vienna, Austria.

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## Honors & Competition-Based Awards

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- Co-PI for Dryad grant (representing the NCSU Libraries' role supporting the storage infrastructure) (2014-2017)
- Pride of the Wolfpack Award (NCSU) (2013)
- Swets 2012 Charleston Conference Scholarship (2012)
- American Library Association Emerging Leader (2009)
- Named Library Journal Mover and Shaker - "In Context" (2008)
- Career Enrichment Grant from the State Library of North Carolina (2006)
- Marion E. Sparks Award for Professional Development, SLA (2005)
- Master of Library Science (2003-2004):
  - Ronald G. Bohley Scholarship, Missouri Library Association
- Master of Science, Biology (2000-2002):
  - Trans World Airlines Scholarship, University of Missouri-St. Louis
  - Outstanding Teaching Assistant Award, General Biology Laboratory, UMSL
  - Jane Whitney Harris Scholarship, International Center for Tropical Ecology, UMSL
  - Des Lee Scholar in Botanical Studies, University of Missouri-St. Louis
- Bachelor of Science, Biology (1992-1996):
  - Campbell Scholarship, Guilford College
  - Dana Scholarship, Guilford College
  - Presidential Scholarship, Guilford College
  - Friends of the College Scholarship, Guilford College
  - Beta Beta Beta Biological Honor Society, North Carolina Chapter
  - Women in Science Project Facilitator, Guilford College

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## Current Memberships in Professional Societies

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- Special Libraries Association (SLA)
  - Sci-Tech Division (2009 Division Chair-Elect, 2010 Division Chair, 2011 Division Past-Chair, 2012 Nominations & Elections Committee Chair)
  - Chemistry Division & Physics/Astronomy/Math Division
  - North Carolina Chapter (Mentor for SILS student 2011 - present)
- Council on Botanical & Horticultural Libraries (CBHL)

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## Committee, Service & Leadership Experience

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### NC State University Libraries (Present)

- Digital Research and Scholarship Committee (01/2018 – present)
- Research Services Interest Group (01/2017 – present)
- Management Council (09/2013 – present)
- IT Advisory Council (09/2013 – present)
- Research Data Committee, Co-Chair (08/2012 – present)
- Physical & Engineering Sciences Subject Team (01/2005 - present)

### NC State University Libraries (Past)

- Nomination Committee (chair) for Collections & Research Librarian for Agricultural and Environmental Sciences (04/2019 – 06/2019)
- Nomination Committee for Associate Director of Collections and Research Services (04/2019 – 07/2019)
- Nomination Committee (chair) for Collections & Research Librarian for Humanities, Social Sciences, and Digital Media (12/2018 – 03/2019)
- Google Drive and Google Team Drive Investigation (06/2018 – 10/2018)
- Search Lead for University Library Technician for Collections & Research Strategy (07/2018)
- Nomination Committee for Research Data & Infrastructure Librarian (01/2018 – 06/2018)
- Nomination Committee (co-chair) for Collections & Research Librarian for Life Science (08/2017 – 02/2018)
- Nomination Committee (co-chair) for Research Librarian for Engineering & Entrepreneurship (08/2017 – 02/2018)
- Digital Repository Management Committee (09/2006 – 12/2017)
- ERM Product Team (10/2006 – 09/2012; 10/2013 – 05/2017)
- Open Science Unconference Planning Committee (05/2015-03/2016)
- Subject Team and Researcher Engagement Group (09/2013 – 08/2016)
- Digital Research and Scholarship Lab Task Force (06/2015 - 10/2015)
- Nomination Committee (co-chair) for Associate Head of Collection Management for Research Engagement (07/2015 – 03/2016)
- Nomination Committee (co-chair) Collection Manager for Engineering & Data Science (07/2015 – 03/2016)
- Nomination Committee (co-chair) for Research Librarian for Biotechnology (07/2015 – 03/2016)
- Financial Subgroup of Quali OLE Functional Review Team (03/2015 – 09/2015)
- Billing Investigation Team (03/2014 – 08/2014)

- Database Review Team (02/2014 – 04/2014)
- Nomination Committee for Associate Head and Curator for Special Collections (06/2012 – 11/2012)
- Nomination Committee for Librarian for Physical and Mathematical Sciences (08/2011 - 01/2012)
- NCSU team for ARL/DLF E-Science Institute (06/2011 – 12/2011)
- Hunt Collections Move and Automated Book Delivery System Task Force (03/2011 – 06/2013)
- Science, Engineering, and Textiles Team Library Spaces Interview Team (03/2011 - 07/2011)
- Nomination Committee for Metadata Librarian (12/2010 - 03/2011)
- Nomination Committee for Digital Repository Librarian (07/2010 - 11/2010)
- Nomination Committee for Research Librarian for Life Sciences (02/2010 - 04/2010)
- Nomination Committee for Librarian for Digital Technologies & Learning (02/2010 - 04/2010)
- Library and the Researcher: Framework for the Future Group (01/2010 - 08/2011)
- TUCASI Data Infrastructure Project Group (01/2010 - 08/2011)
- Deconstructing the ILS & Technical Services Business Processes Group (01/2010 - 08/2011)
- Nomination Committee for Digital Technologies Development Librarian (04/2009 - 09/2009)
- Collection Metrics Working Group (12/2008 - 01/2010)
- Nomination Committee for Digital Collection Technology Librarian (06/2008 - 11/2008)
- Nomination Committee for Associate Head & Curator for Special Collections (01/2008 - 05/2008)
- Nomination Committee for Digital Program Librarian for Special Collections (01/2008 - 05/2008)
- NCSU Libraries Faculty Award Committee (1/2008 - 12/2010), Chair (01/2010 - 12/2010)
- ILS Management Committee (06/2006 - 06/2011)
- Nomination Committee for Associate Head of Collection Management (10/2006 - 04/2007)
- Nomination Committee for Director of Preservation Services (10/2006 - 03/2007)
- NCSU Librarians Association Vice-Chair and Chair (09/2006 - 06/2008)
- Digital Collections Technical Oversight Committee (02/2006 - 06/2007)
- MetaLib Implementation Team (05/2005 - 12/2006)
- Nomination Committee for Digital Resources Librarian for Special Collections (03/2005 - 07/2005)
- Nomination Committee for Exhibits & Outreach Librarian for Special Collections (03/2005 - 07/2005)
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#### **NCSU Campus**

- Research Support Council (03/2013 – present)
- Data Science Initiative Advisory Council member (08/2015 – 05/2017)
- University Standing Committee on Harrelson Fund (07/2007 – 06/2010)

#### **UNC System and Triangle Research Libraries Network**

- TRLN Collections Interest Group (05/2019 - present)
- UNC System Efficiencies Working Group (01/2018 – present)
- Member of Local STELLA Unconference Organizing Committee (01/2018 – 05/2018)
- TRLN Research Data Management and Use Task Group I, invited member (01/2017 – 02/2018)
- TRLN Institute – Project: Building a Data Community of Practice (06/2017)
- Triangle Research Libraries Network (TRLN) Single Copy Task Group (10/2006 - 04/2008)

#### **Washington University Libraries**

- Libraries' Home Page Redesign Committee (12/2003 - 05/2004)
- Environmental Scan Committee - Technology Subcommittee (12/2003 - 06/2004)
- Libraries' Strategic Planning Session 2004-2005 Participant (06/2004)

#### **National**

- ASERL Big Deals Interest Group (07/2020 – present)
- HathiTrust Primary Contact (01/2019 – present)
- ALA Chief Collection Development Officers (10/2017 – present)
- STELLA Unconference Organizing Committee (12/2015 - 05/2016)
- Science Boot Camp Southeast 2014 Planning Committee (12/2012 – 07/2014)
- Editor, Contributor, co-Founder, *In the Library with the Lead Pipe*, peer-reviewed journal (10/2008 – 06/2012)
- Royal Society of Chemistry Library Advisory Board (02/2011 - present)
- SLA Sci-Tech Division Nominations & Elections Chair (01/2012 – 12/2012)
- SLA Sci-Tech Division Past-Chair (01/2011 - 12/2011)
- SLA Sci-Tech Division Chair (01/2010 - 12/2010)
- SLA Sci-Tech Division Chair-Elect (01/2009 - 12/2009)
- SLA Sci-Tech Division Chair of Student Relations Committee (01/2007 - 12/2008)
- Special Libraries' Association PAM Division Web Tools Committee (10/2005 - 06/2007)
- Mathematics Roundtable Moderator for 2006 SLA Annual Conference (09/2005 - 01/2007)
- Editor of *SLATE* Bulletin (St. Louis Metro Area Chapter) (06/2004 - 06/2005)

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### **Selected Professional Development**

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- ◦ Working Safely at NC State during COVID 19 Operations Training (06/2020)

- Talking about Race workshop (06/2020)
- DiversityEDU: Personal Skills for a Diverse Campus training (06/2020)
- Essentials of Cultural Competence (03/2020) and associated learning groups (03, 06/2020)
- Diversity Talks: Unconscious Bias (09/2019)
- Trans 101 (07/2019)
- Project SAFE (06/2019)
- Racial Equity Institute 2-day Training Program (04/2019)
- Cultural Humility Workshop (04/2019)
- Unconscious Bias workshop (02/2019)
- ARL Liaison Institute (11/2018)
- All Things Open (10/2018)
- IRB Workshop (2 parts) (06/2018)
- Management Essentials 2-day Training Program (03/2018)
- Workplace Violence Prevention Training (09/2017, 09/2019)
- Research Impact and Network Visualization workshop (2 parts) at Hill (04/2017)
- NSF CAREER Award workshops (2018-2020)
- Bibliometrics Workshop (2 parts) at Hill (Sept 2016)
- Increasing Openness and Reproducibility in Quantitative Research using OSF and KnitR Workshop (10/2015)
- Data Science & Visualization Institute for Librarians (10/2015)
- Open(ing) Data: Considerations in Data Sharing and Reuse (Odum Institute Data Matters Series) (06/2015)
- Odum Institute Introduction to Data Science Short Course (05/2014)
- Big Data Forum, NCSU (10/2012)
- TRLN Management Academy (10/2011)
- ARL/DLF E-Science Institute (07/2011 - 12/2011)
- SLA Leadership Development Institute, New Orleans, LA (06/2010)
- SLA Leadership Summit, St. Louis, MO (01/2010)
- SLA Leadership Development Institute, Washington, DC (06/2009)
- ALA Midwinter Conference and Emerging Leaders Workshop, Denver, CO (01/2009)
- SLA Leadership Summit, Savannah, GA (01/2009)
- ARL/CNI Reinventing Science Librarianship Forum, Washington, DC (10/2008)
- Budget & Finance for the Library, CE Course (University of Illinois, Urbana-Champaign) (09/2007 - 10/2007)
- ALA/ACRL Institute of Scholarly Communication, Durham, NC (12/2006)
- ARL Library Management Skills Institute II: The Management Process, Chapel Hill, NC (10/2006)
- Connecting in North Carolina (CINC) Tour promoting extension and engagement throughout NC (05/2006)

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## Skills Summary

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- **Application proficiencies**

Microsoft Office suite, Google Suite, Sirsi ILS, Tableau Public

- **Web development tools**

Drupal, HTML, Confluence

- **Database proficiencies**

SciFinder, Reaxys, Compendex, Inspec, Web of Science (+InCites)

