

IAN BRADY MCCULLOUGH
Akron, OH 44303 | (615) 202-6413
ian.b.mccullough@gmail.com | January 2023

Education

University of Tennessee at Knoxville Master of Science, Information Science	2011
University of Illinois at Chicago, College of Pharmacy Master of Science, Forensic Science	2002
Portland State University, OR Bachelor of Science, Chemistry: Biochemistry	1999
Reed College, Portland, OR Bachelor of Arts, History	1994

Experience

The College of Wooster (OH) Science Librarian, Librarian II Visiting Science Librarian, Librarian I	Aug 2021 – Present Jan 2023 – Present Aug 2021 – Dec 2022
Akron-Summit County Public Library Substitute Librarian	Feb 2021 – Dec 2022
The University of Akron (OH), University Libraries Associate Professor of Bibliography Associate Professor of Chemistry (joint title) Physical Sciences Librarian Assistant Dean, Research and Learning Services Interim Head, Science & Technology Library Assistant Professor of Bibliography	Jul 2012 – Aug 2020 Jul 2018 – Aug 2020 Dec 2018 – Aug 2020 Jul 2012 – Aug 2020 Dec 2017 – Jul 2019 Jan 2016 – Nov 2017 2012 – 2018
Vanderbilt University Medical Center (Nashville, TN) Equipment Resource Manager, Department of Cell & Developmental Biology	2007 – 2012
Vanderbilt University (Nashville, TN) Research Technician I and II, Department of Biological Sciences, Stubbs Group	2003 – 2007

Scholarship

Refereed Articles and Chapters

- deChambeau, Aimée, Ian McCullough, Melanie McGurr, Mike Monaco. 2021. “Faculty Workload Guidelines in Technical Services.” In *Technical Services in the 21st Century Library (Advances in Library Administration and Organization, Volume 42)*, edited by Samantha S. Hines, 69-82. Emerald Group Publishing Limited. doi: 10.1108/S0732-067120210000042007
- Mills, Chloe, Ian McCullough. 2018. “Academic Librarians and Labor Unions: Attitudes and Experiences” *portal: Libraries and the Academy*, 18(4), 805-829. doi: 10.1353/pla.2018.0046
- McCullough, Ian, Jo Ann Calzonetti. 2017. “Are They Different? An Investigation of Space and Learning in a STEM Branch Library.” In *Assessing Library Space for Learning*, edited by Susan Montgomery, 143-166. Latham, MD: Rowman and Littlefield.
- McCullough, Ian. 2016. “Journal usage at department and research group level.” *Journal of Electronic Resources Librarianship*, 28(2), 73-83. Invited paper. doi: 10.1080/1941126X.2016.1164550
- McDonald, Michele, Amy Kendall, Wen Bian, Ian McCullough, Elizabeth Lio, Wendy M Havens, Said A Ghabrial, and Gerald Stubbs. 2010. “Architecture of the potyviruses.” *Virology*, 405(2), 309–313.
- Stubbs, Gerald, Amy Kendall, Michele McDonald, Wen Bian, Timothy Bowles, Sarah Baumgarten, Ian McCullough, et al. 2008. “Flexible filamentous virus structures from fiber diffraction.” *Powder Diffraction*, 23(2), 113–117.
- Kendall, Amy, Wen Bian, Justin Junn, Ian McCullough, David Gore, and Gerald Stubbs. 2007. “Radial density distribution and symmetry of a potexvirus, narcissus mosaic virus.” *Virology* 357(2), 158–164.
- Stubbs, Gerald, Amy Kendall, Michele McDonald, Wen Bian, Timothy Bowles, Sarah Baumgarten, Ian McCullough, et al. 2007. “Flexible filamentous virus structures from fiber diffraction.” In *Advances in X-Ray Analysis*, 51, 116–123.
- Bian, Wen, Hong Wang, Ian McCullough, and Gerald Stubbs. 2006. “WCEN: A computer program for initial processing of fiber diffraction patterns.” *Journal of Applied Crystallography*, 39(5), 752–756.

Presentations

- “Librarian Unions – the Good, the Bad, and the Ugly.” ACRL Conference Roundtable, Pittsburgh, Pennsylvania, 2023. (forthcoming)
- “Labor Casualties Through Casual Labor: The Last Ten Years of Tenure.” Pennsylvania Library Association Annual Conference & Expo, October 16, 2017 [with Chloe Mills]

“Journal Impact Factor and Current Issues in Scientific Scholarly Communication, Publishing, and Librarianship.” and “Help me be a better librarian to my science, math, and engineering faculty” colloquiums presented at Robert Morris University, Moon County, Pennsylvania, November 15, 2016.

“‘You’re Faculty?’: Academic Librarians and Their Support of Faculty Unions.” AAUP Conference on the State of Higher Education, Washington, D.C. June 16, 2016 [with Chloe Mills]

“Limits of Atheism.” Secular Student Alliance, University of Akron, April 30, 2015

“Journal Impact Factor: The Worst Metric in Science.” Chemistry Department Seminar Series, University of Akron, January 21, 2015

“IdeaExchange@Uakron.” Tech Talk Tuesday, University of Akron, October 21, 2014

“Open Access – Myths Debunked and Options Available.” Institute for Teaching and Learning, University of Akron, March 20, 2014

“Chemistry Information at UA.” Chemistry Department Seminar Series, University of Akron, September 3, 2013

Posters

“Collection Microclimates – Citation Studies of Journal Usage Differences at Department and Research Group Level.” ACRL Conference, Portland, Oregon, March 28, 2015

“Women in STEM Research.” Ada Lovelace Day Poster Session, University of Akron, October 14, 2014

“Computational methods in fibre diffraction.” *Research team member*, XXI IUCr Congress, Osaka, Japan, August 23-31, 2008. [with Gerald Stubbs, Amy Kendall, and Wen Bian] Abstract available from *Acta Cryst.* A64, C564-C565, <http://journals.iucr.org/a/issues/2008/a1/00/issconts.html>

“*FiberNet* Software Development.” *Research team member*, Fourteenth Annual Fiber Diffraction and Non-Crystalline Diffraction Workshop, Cardiff, United Kingdom, June 2005 [with Gerald Stubbs, and Wen Bian]

Reviews

“Baseball-Almanac.com.” 2017. *Reference Reviews*, 31(6), 39. doi: 10.1108/RR-03-2017-0079

“Copyright for Academic Librarians and Professionals.” 2015. *Reference Reviews*, 29(6), 10-12. doi: 10.1108/RR-04-2015-0099

“Weeds of North America.” 2015. *Reference Reviews*, 29(4), 32–39. doi:10.1108/RR-02-2015-0030

“Protocol Online – Your Lab’s Reference Book.” 2014. *Reference Reviews*, 28(7), 38–39. doi:10.1108/RR-05-2014-0140

Selected Other Publications

“Akron Professors Vote No on ‘Hit List’ Layoffs that Would Tear Up Contract.” *Labor Notes*, August 11, 2020. <https://www.labornotes.org/blogs/2020/08/akron-professors-vote-no-hit-list-layoffs-would-tear-contract>

“Reflecting on My Experience as an ACS Librarian Travel Grant Winner.” *ACS Axial*, May 3, 2017. <http://axial.acs.org/2017/05/03/connecting-and-engaging-with-the-librarian-community-at-the-ac-s-national-meeting/>

“New Forms of Peer Review – Open Review.” Scholarly Communications Investigations post, June 2, 2016. <http://lists.ala.org/sympa/arc/sts-l/2016-06/msg00007.html>

“Invisible Disabilities, Self Care, and a Generous Heart.” *ACRLog*, May 31, 2016. <http://acrlog.org/2016/05/31/invisible-disabilities-self-care-and-a-generous-heart/>

“Science Outreach Through Art: A Journal Article Cover Gallery.” *Issues in Science and Technology Librarianship*, 81(Summer 2015). doi:10.5062/F4CJ8BGG

“The Romanian Patent From Hell.” *ACRLog*, April 3, 2013. <http://acrlog.org/2013/04/03/the-romanian-patent-from-hell/>

“3-D Printers.” *ACRLog*, March 2, 2013. <http://acrlog.org/2013/03/02/3-d-printers/>

“The Unexpected Benefits of a Varied Life.” *ACRLog*, November 19, 2012. <http://acrlog.org/2012/11/19/the-unexpected-benefits-of-a-varied-life/>

Selected Creative Works/Events Organized

“ACS on Campus.” *Event Host and Campus Coordinator*. October 20-21, 2015. Two-day conference organized by the American Chemical Society and held at the University of Akron.

“Ada Lovelace Day Women in Science Poster Session.” *Event Organizer and Creator*. Presentation of graduate women in STEM fields presenting their research to local high school and middle school students. Held five times in October, 2014-2018.

“Science Faculty Research Gallery.” *Event Organizer and Creator*, January 23, 2014. Gallery display of faculty journal covers by University of Akron researchers.

Internal Publications

“Position Paper on Consolidation of the Bierce and Science & Technology Libraries.” November 15, 2014. [with Mark Bloom, Jo Ann Calzonetti, Rachelle Davis, Stephanie Everett, Joseph Salem, and Michael Tosko]

Editorial Responsibilities

Assistant Editor for Refereed Articles for *Issues in Science and Technology Librarianship*, January 2018 to August 2020.

Manuscript referee for *Library Trends*, 2019 (invited).

Manuscript referee for *Issues in Science and Technology Librarianship*, June 2016 to August 2020.

Teaching

3150:199 Introduction to Chemistry Seminar, Spring 2019, Spring 2020

Continuing Education

NEO-RLS New Supervisor’s Academy, 2019 (26 contact hours)

Association of College & Research Librarians Immersion Teacher Track, Seattle, WA, August 2-7, 2015.

Geoscience 3370:484 Geoscience Information Acquisition and Management (2 credits), University of Akron, Fall 2013

Service

Professional Service and Memberships

American Library Association (ALA), 2012 – 2020

- Association of College & Research Librarians (ACRL), 2012 – 2020
 - Science & Technology Section (STS), 2012 – 2020
 - ACRL-STS Scholarly Communications Committee, 2013 – 2017
 - Scholarly Communications Committee Forum, Presenter and Table Facilitator, Roundtable Discussions, ALA Annual Conference, Orlando, FL, June 26, 2016
 - Scholarly Communications Committee Forum, Moderator, Panel Discussion, ALA Annual Conference, San Francisco, CA, June 28, 2015
 - University Libraries Section, 2014 – 2020
 - Health Sciences Interest Group, 2014 – 2017

- New Member Roundtable Résumé Review Service Booth – Resume Reviewer, ALA Annual Conference, Orlando, FL, June 25, 2016
- Games and Gaming Roundtable, 2013 – 2014
- ACRL First Year Academic Librarian Experience Blogger, 2012 – 13

Academic Library Association of Ohio (ALAO), 2013 – 2020, 2022 – present

- STEM Interest Group, Co-Chair and Co-Founder, 2018 – 2019
- Research and Publications Committee, 2015 – 2016

American Chemical Society (ACS), 2012 – 2014

- ACS – Akron Section, 2012 – 2014
- Chemical Information Section, 2012 – 2014

Special Libraries Association (SLA), 2013 – 2014

- Chemistry Section, 2013 – 2014

College and University Service

The College of Wooster Libraries

- Benefits Task Force, 2023 – Present
- Exhibit Committee, 2022 - Present
- Banned Books Committee, 2022

The University of Akron

- American Association of University Professors, Akron Chapter
 - University Libraries liaison, (elected), 2019 – 2020
 - Liaison member-at-large of Executive Committee, 2019 – 2020 (elected)
 - Communications Committee, 2020
- Faculty Senate Ad-Hoc Scholarly Communications Committee, 2016 – 2020
- Student Success Steering Team, 2018 – 2019
- Department Chairs Representative to University Council Communications Committee, 2017 – 2018 (elected)
- Outstanding Researcher Award Committee, 2016
- Faculty Senate, representative for University Libraries, 2015 (elected, vacated seat to accept appointment as Interim Head, Science & Technology Library)
- Faculty Senate Representative to University Council Institutional Advancement Committee, 2015
- University Libraries Representative to Carnegie Engaged University Committee, 2013 – 2014
- Faculty At-large Representative to University Council Public Affairs and Development Committee, 2013 – 2014
- University Libraries Representative to the Provost's Advisory Board, 2013 – 2014, (elected)

The University of Akron – University Libraries

- Tenure & Promotion Committee, Chair (elected), 2020

- ULFC Assessment Sub-Committee, 2020
- Outstanding Student Employee Award Committee, 2019
- University Library Faculty Committee Ad hoc Faculty Workload Committee, 2019
- Department Heads Advisory Group, 2016 – 2019
- Policy and Planning Group, 2016 – 2018
- University of Akron Libraries, Collections Standards Committee, 2016 – 2019
 - Committee Chair, 2016 – 2017
- Science & Technology Library Social Media Contact, 2012 – 2016
- Black Male Summit, University Library Table Staff, 2016
- Faculty Search Committee, Co-Chair – Life & Allied Health Sciences Librarian, 2015-2016
- Friends of the University Library Scholarship Selection Committee, 2012 – 2014
 - Committee Chair, 2013
- Library Consolidation Taskforce, 2014
- Faculty Search Committee – Collection Management Librarian, 2014
- Science Library Faculty Merit Guidelines Committee, 2014
- Bepress Kickstart Taskforce, 2014
- Faculty Search Committee – Undergraduate Outreach Librarian, 2012 – 2013
- Faculty Search Committee – Instructional Design Librarian, 2012 – 2013
- LibGuides Implementation Team, 2013

Vanderbilt University, Nashville, TN

- University Staff Advisory Council, Biological Science Representative, 2006 – 2007

Other Service

Tri-County Regional Labor Council, AFL-CIO, delegate from Akron-AAUP, 2020

University of Tennessee – Knoxville, School of Information Science

- Alumni Mentor, 2018 – 2020

Science Olympiad, Akron Global Polymer Institute, Ohio

- Score Master for regional Science Olympiad, 2019, 2020 (canceled due to Covid)
- Taught an eight week “Junior Forensics” course to 4th-6th graders, 2014

Reed College

- 25th Anniversary Class Committee, Reed Reunions, 2019
- Alumni Admissions Representative, 2005 – present
- Alumni Board, Reed College, 2008 – 2009
 - Centennial Reunion Committee, 2009

Awards and Honors

Library Carpentry Professional Development Award, National Network of Libraries of Medicine Southeastern/Atlantic Region, Baltimore, March 19-20, 2020 (cancelled due to Covid)

American Chemical Society Publications Travel Grant for Librarians and Library School Students, 253rd National Meeting and Exposition, San Francisco, 2017

Association of College & Research Librarians Early-career Librarian Scholarship, 2015

H. W. Wilson Fellowship Scholarship, University of Tennessee – Knoxville, 2008