

## EMILY DOMMERMUTH

Curriculum Vitae, *January 2023*  
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### EDUCATION

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**Master of Library and Information Science**, June 2016  
Morgridge College of Education  
University of Denver, Denver, CO

**Bachelor of Science *Magna Cum Laude* in Biological Sciences**, May 2013  
University Honors Scholar, Minor in Spanish  
Colorado State University, Fort Collins, CO

### PROFESSIONAL EXPERIENCE

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**University Libraries, University of Colorado Boulder**, July 2016 – Present  
Engineering, Science and Design Librarian, August 2022 - Present  
Science and Engineering Librarian, July 2016 – July 2022

- Assistant Professor, July 2018 – Present
- Senior Instructor, July 2016 – June 2018

**Auraria Library, University of Colorado Denver**, January 2015 – June 2016  
Graduate Assistant in Reference and Instruction

**Research Center, University of Denver Library**, September 2014 – June 2016  
Reference Desk Assistant

### SCHOLARLY ACTIVITY

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#### Articles

**Dommermuth, E.** & Roberts, L. (2022). Listening to First Generation College Students in Engineering: Implications for Libraries & Information Literacy. *Communications in Information Literacy*, 16(2). Accessed at <https://pdxscholar.library.pdx.edu/comminfolit/vol16/iss2/2/>. [Refereed].

Chen, X., **Dommermuth, E.**, Benner, J. G., Kuglitsch, R., Lewis, A. B., Marsteller, M. R., Mika, K. & Young, S. (2022). Understanding Research Data Practices of Civil and Environmental Engineering Graduate Students. *Issues in Science & Technology Librarianship* 100. Accessed at <https://doi.org/10.29173/istl2678>. [Refereed, co-first author].

Couture, J., Bretón, J., **Dommermuth, E.**, Floersh, N., Ilett, D., Nowak, K., Roberts, L., & Watson, R. (2021). “We’re Gonna Figure This Out”: First-Generation Students and Academic Libraries. *portal: Libraries and the Academy*, 21(1). Accessed at <https://muse-jhu-edu.colorado.idm.oclc.org/article/777831>. [Refereed]. **Awarded Best Article of 2021 in *portal: Libraries and the Academy*.**

**Dommermuth, E.** & Welsh, M. E. (2021) Engineering the Future of Outreach. *Issues in Science and Technology Librarianship*, 97. Accessed at <https://journals.library.ualberta.ca/istl/index.php/istl/article/view/2583/2573>.

**Dommermuth, E.** & Locy, M. (2019). The Engineer Library. *Issues in Science & Technology Librarianship*, 91. Accessed at <https://journals.library.ualberta.ca/istl/index.php/istl/article/view/5>.

**Dommermuth, E.** (2017). MathSciNet. *The Charleston Advisor*, 18(3), 29-33. [Invited & Refereed Review Article]. Accessed at <https://doi-org.colorado.idm.oclc.org/10.5260/chara.18.3.29>.

## Conference Proceedings

Ilett, D., **Dommermuth, E.**, Couture, J., Floersh, N., Nowak, K., Roberts, L., Sagas, J., & Watson, R. (2019). *Reflections on Creating a Multi-site, Mixed Methods, and Interpretive Assessment Project*. Proceedings of the 2018 Library Assessment Conference. Houston, TX: Association of Research Libraries. Accessed at <https://www.libraryassessment.org/wp-content/uploads/2019/09/39-Ilett-et-al-ReflectionsOnCreating.pdf>. [Co-first author].

## Reports

DiNardo, C. O., Foster, B., Brungard, A. B., Cannon-Rech, N., **Dommermuth, E.**, Hamelers, R., Kuglitsch, R., Orozco, R., Renirie., R. (2022). Companion Document to the Framework for Information Literacy for Higher Education Science, Technology, Engineering, and Mathematics. Accessed at [https://www.ala.org/acrl/sites/ala.org.acrl/files/content/standards/Framework\\_Companion\\_STEM.pdf](https://www.ala.org/acrl/sites/ala.org.acrl/files/content/standards/Framework_Companion_STEM.pdf)

**Dommermuth, E.**, Kuglitsch, R., Monaghan, A., & Eichmann-Kalwara, N. (2022). Big Data Research at the University of Colorado Boulder. Accessed at <https://scholar.colorado.edu/concern/reports/zs25x952q>. [First author].

Cooper, D., Springer, R., Benner, J. G., Bloom, D., Carrillo, E., Carroll, A., Chang, B., Chen, X., Daix, E., **Dommermuth, E.**, Figueiredo, R., Haas, J., Hafner, C. A., Hayes, W., Henshilwood, A., Alexandra Lyn Craig Krogman, A. L. C., Kuglitsch, R. Z., Lanteri, S., Lewis, A., Li, L., Marsteller, M. R., Melvin, T., Michelson-Ambelang, T., Mischo, W. H., Nickles, C., Pannabecker, V., Rascoe, F., Schlembach, M. C., Shen, Y., Smith, E. M., Spence, M. Stacy-Bates, K., Thomas, E., Thompson, L., Thuna, M., Wiley, C. A., Young, S., & Yu, S. H. (2019). *Supporting the Changing Research Practices of Civil and Environmental Engineering Scholars*. Ithaca S+R Research Report. Accessed at <https://doi.org/10.18665/sr.310885>. **Awarded American Society for Engineering Education's Engineering Libraries Division 2020 Best Publication.**

Kuglitsch, R., **Dommermuth, E.**, & Lewis, A. (2018). *Research Practices of Civil and Environmental Engineering Scholars*. Accessed at <https://scholar.colorado.edu/concern/reports/ms35t945j>.

## Book Chapters

Lewis, A., & **Dommermuth, E.** (2020). *Primary/Secondary Mixed Grill*. In S. Morris (Ed.) *The Critical Thinking About Sources Cookbook*. Chicago, IL: Association of College and Research Libraries.

## Grants

Welsh, M. E. & **Dommermuth, E.** (2019). "The Fund for Library Innovation, Service & Entrepreneurship: InfoMotion & Engineering." University Libraries, University of Colorado Boulder. \$3,000. [Submitted January 2018, Funded February 2018].

**Gari, E.** & Locy, M. (2017). "Innovative Inclusion Ideas Grant: Engineer Library." BOLD Center, University of Colorado Boulder. \$500. [Submitted October 2017, Funded October 2017].

## Blog Posts

**Dommermuth, E.** (2019). "NSIDC Glacier Photograph Collection". *Inside Science Resources*. Accessed at <https://insidescienceresources.wordpress.com/2019/04/15/nsidc-glacier-photograph-collection/>.

**Gari, E.** (2018). "Mathematics Genealogy Project". *Inside Science Resources*. Accessed at <https://insidescienceresources.wordpress.com/2018/07/16/mathematics-genealogy-project/>.

**Gari, E.** (2017). "STEM Preprint Repositories: Where Are They Now?" *Inside Science Resources*. Accessed at <https://insidescienceresources.wordpress.com/2017/08/15/stem-preprint-repositories-where-are-they-now/>.

## Presentations

### *National & International*

Kuglitsch, R., **Dommermuth, E.**, Chen, X., Benner, J., Lewis, A., Marsteller, M., Mika, K., Young, S. (2021). "Data: Discussion Roundtable". STEM Librarians Collaborative, 22 July 2021. [Roundtable discussion].

Mika, K., **Dommermuth, E.**, Chen, X., Kuglitsch, R., Lewis, A., Benner, J., Young, S., & Marsteller, M. (2021). "Graduate Students' Attitudes Toward Data Sharing and Reproducibility". CLIR Webinar: Toward Open Reproducible and Reusable Research, 10 February 2021.

Kuglitsch, R., **Dommermuth, E.**, & Lewis, A. (2019). "Understanding the research practices and needs of Civil & Environmental Engineering Faculty". Special Libraries Association, Sciences session, Cleveland, OH, 14-18 June 2019. [Poster session].

Couture, J., **Dommermuth, E.**, Roberts, L., Ilett, D., Floersh, N., Nowak, K., Watson, R., & Sagas, J. (2019). "Reframing First-Generation Student Narratives: Academic Libraries and Success in College". Association of College & Research Libraries, Cleveland, OH, 10-13 April 2019. [Poster session].

Ilett, D., **Dommermuth, E.**, Couture, J., Floersh, N., Nowak, K., Roberts, L., Sagas, J., & Watson, R. (2018). *Reflections on Creating a Multi-site, Mixed Methods, and Interpretive Assessment Project*. Library Assessment Conference, Houston, TX, 5-7 Dec 2018.

Couture, J., Ilett, D., Roberts, L., **Dommermuth, E.**, Floersh, N., Nowak, K., Sagas, J., & Watson, R. (2018). "You Got This": *First-Generation College Students and the Academic Library*. First Generation Southwest Symposium, Flagstaff, AZ, 27-28 Sept 2018.

### *Regional & State*

Nowak, K., Floersh, N., **Dommermuth, E.**, Watson, R., Couture, J., Ilett, D., Roberts, L., & Sagas, J. (2018). *Experiences of First-Generation Colorado Students*. Colorado Association of Libraries Conference, Loveland, CO, 13-15 Sept 2018.

Bongiovanni, E., Carey, F. C., **Gari, E.**, Maxson, B. K., Moreno, P., Roseland, C., Van Hoyer, A. (2018). *Navigating Instruction Identities as New Librarians & Adventuring into Advocacy*. Library Instruction West, Grand Junction, CO, 18-21 July 2018.

### *Local*

**Dommermuth, E.**, Kuglitsch, R., & Lewis, A. (2020) "Data Management Practices of Civil and Environmental Engineering Graduate Students." University of Colorado Boulder Libraries Symposium, Boulder, CO, 15 July 2020. [Lightning Talk].

Couture, J, **Dommermuth, E.**, & Roberts, L. (2019). *“Not afraid to advocate for yourself”: experiences of first-generation college students at CU Boulder*. University of Colorado Boulder Libraries Symposium, Boulder, CO, 9 January 2019.

Xiang, L., Lewis, A., **Gari, E.**, & Kuglitsch, R. (2018). *A Tale of Two Studies*. University of Colorado Boulder Libraries Symposium, Boulder, CO, 3 July 2018.

Campbell, A., **Dommermuth, E.**, Kintigh, E., Prax, T., Robey, R., & Taylor, J. (2016). *Camp Hale Digital Collection*. University of Denver Research and Performance Summit, University of Denver, Denver, CO, 28 Jan 2016. [Poster Session].

## LIBRARIANSHIP

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### Engineering, Science and Design Librarian

- Liaison Librarian, performing instruction, reference and consultation, collection development, relationship building, subject expertise, and advocacy to these areas:
  - College of Engineering & Applied Sciences (CEAS)
  - Environmental Design Program
- Gemmill Engineering, Math and Physics Branch Library Librarian
  - Back-up for operations to ensure opening of library, support for student employees, and response to patron needs.
  - Response to Gemmill Flood, *January 2022 – Present*.  
Emergency response to contain water, protect materials from water, identify wet materials, and freeze or dry wet materials: **Awarded Employee of the Month February 2022**. Ongoing work to sort damaged materials for return to collection, replacement, or withdraw.

### Library Instruction

My library instruction engages students in activities and discussion to develop new literature research strategies, explore different sources of information, critically evaluate information, question the processes through which information is created and shared, and thoughtfully consider the ways they produce information.

- 2022: Taught 22 instruction sessions, orientation sessions, and workshops reaching 664 participants
- 2016 - 2021: Taught 12 – 45 instruction sessions, orientation sessions, and workshops per year reaching 165 – 1,137 participants

### Reference and Consultation

Support research help services in Gemmill Library, virtually on instant messenger, via email, and in one-on-one or group research consultations (in-person and on Zoom).

### Collection Development and Subject Expertise

Using my subject knowledge and in response to patron requests, I provide ongoing collection development support. This includes selection of monographs and ebook packages; evaluation of journal and databases to add, continue, or cancel subscriptions; purchasing and providing access to standards; and response to donation offers. I also have led several innovative collections projects:

- [Gemmill Popular Science Reading Collection](#), 2019 – Present
  - I select and purchase titles that cover science, engineering, technology, and math topics in an approachable and engaging manner. I seek out titles that are by and about women, racial and ethnic minorities, LGBTQIA+, and disabled scientists and engineers; books that discuss racism, sexism, and other biases in STEM professions; how scientific research and technology development can be biased; and how they can become more inclusive. I maintain physical browsing of collection in Gemmill Library and virtual browsing of collection via the LibGuide.
- Gemmill Weeding Project, 2022 – Present
  - Project lead for a large-scale weed of the Gemmill collection. Developed project goal and outcomes, defined roles for project team members, developed weeding criteria and applied it to collection data.
- Standards Workflow, 2021 – 2022

- In collaboration, I explored and evaluated options to provide digital access to standards. I developed a workflow to leverage support from departments across the Libraries to provide access to standards requested by campus researchers.

### Relationship Building and Advocacy

- Participant in CEAS' Undergraduate Education Committee and Graduate Education Committee, *2018 - Present*
  - Attend meetings in order to stay up-to-date on educational and student success practices and needs in CEAS, and meet colleagues in the college in order to build relationships that support student success. Review new course and program proposals sent to the committees to stay up-to-date on collection and instruction needs.
- Library Orientation for all new CEAS undergraduate and graduate advisors, *2018 - Present*
  - Meeting with a CEAS liaison librarian is integrated into the onboarding experience for all new advisors. Either myself or my colleague will meet with advisors to tour the library and provide an overview of library support for the success of their students.
- CU Scholar Workflow, *2019, 2020, 2021, 2022*
  - Annually implement the workflow to contact up to 350 researchers, resulting in more openly accessible articles, as well as opportunities to address questions and concerns about OA.

### Student Mentoring

- Friends of the Libraries Undergraduate Student Fellow, *January 2019 – May 2019*
  - Introduced student Aubrey Kroger to various aspects of librarianship and colleagues across the libraries. Supported research, creative development, and editing of [the Wonder Women exhibit](#) for the Gemmill Library. The [exhibit was widely celebrated](#), leading to an invitation for Kroger to present her work at Frasier Meadows assisted living facility.

### Libraries Collaborative Working Groups

- Liaison Librarian Working Group Member, *June 2021 - Present*
  - Planning bi-monthly Community of Practice discussions. Development and evaluation of a workflow for covering liaison areas.
- Open Access Week Planning Group Member, *July – October 2019, 2020, 2021, 2022*
  - 2022: Brainstorming for Speaker Series and [Open for Climate Justice: The Game](#)
  - 2021: Development of [Guide to Open Access Resources](#) online challenge videos.
  - 2020: Planning [Open Scholarship for Beginners Workshop Series](#), including development and presentation of Strategies for Making Your Scholarship Open Workshop. **Awarded Employee of the Month February 2021.**
  - 2019: Conceptualization, call, selection, and installation support for [OA Installations](#), work by students and faculty interpreting themes related to open access.

### Professional Development (selected)

#### Conferences

- STEM Librarians Collaborative, *July 2021*
- Association of College and Research Libraries Conference, *April 2021, April 2019, March 2017*
- Association for Information Science and Technology Annual Meeting, *October 2020*
- American Society for Engineering Education Annual Conference, *June 2020*

#### Courses

- Library Juice Academy Inclusive Instructional Design Course, *August 2022*
- Library Juice Academy Introduction to Data Management Course, *September-October 2020*
- Library Juice Academy Collection Development Course, *May-June 2019*
- Association of College & Research Libraries Immersion Program, *July-August 2018*
- Library Juice Academy Transforming Your Teaching Toolkit Course, *June-July 2017*

## TEACHING

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Program for Exploratory Studies, University of Colorado Boulder

- Fall 2020: Taught FYXP 1500 First Year Success Seminar. Recitation leader for a 1-credit course for 19 first-year students.
  - Explores topics including COVID-19, equity, diversity & inclusion, campus resources, goal setting, study skills, and academic exploration

### **College of Engineering & Applied Sciences, University of Colorado Boulder**

- Fall 2019: Taught COEN 1830-20 Engineering First Year Seminar. Instructor of record for a 1-credit course for 20 first-year engineering students.
  - Explores topics of interest in transitioning to the College of Engineering and Applied Sciences and succeeding in STEM majors and careers.
  - Co-taught with and mentored two upperclassmen peer-mentors.

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## **PROFESSIONAL SERVICE**

### **Peer Review**

- *Issues in Science and Technology Librarianship*, 2022

### **Association of College and Research Libraries**

- Science & Technology Section, Research Committee  
Member, July 2022 – June 2024
- Science & Technology Section, Information Literacy Framework Task Force  
Member, March 2018 – July 2021  
Creation, assessment, and revision of the [Companion Document to the Framework for Information Literacy for Higher Education: Science, Technology, Engineering, and Mathematics](#)
- Science & Technology Section, Assessment Committee  
Member, July 2019 – June 2021
- Science & Technology Section, Science Resources: Discovery & Access Committee  
Member, July 2017 – June 2019

### **University of Colorado Boulder Service**

- Boulder Faculty Assembly Climate Science and Education Committee  
Member, September 2021 – Present
- Program for Writing & Rhetoric's Collaborative Writing Award Judge  
March 2020
- Program for Writing & Rhetoric's Collaborative Writing Award Judge  
March 2019
- Mackison Prize for Engineering Writing Judge  
February 2018

### **University of Colorado Boulder University Libraries Service**

- Salary Equity Task Force  
Member, October 2021 – Present
- Faculty Personnel Committee  
Member, May 2019 – December 2021
- Data Services Librarian Search Committee  
Member, April 2020 – August 2020
- Collection Assessment Librarian Search Committee  
Member, March 2020 – April 2020
- Committee on Recruitment to the Profession of Academic Librarianship  
Member, May 2017 – April 2019
- Business Research & Instruction Librarian Search Committee  
Member, Fall 2017 – Spring 2018
- STEM Learning & Collections Librarian Search Committee  
Member, Fall 2016 – Spring 2017