

# Ryan Clement

## WORK EXPERIENCE

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SEPTEMBER 2015 – PRESENT

### *Data Services Librarian*

Middlebury College, Middlebury, VT

- Head of MiddLab, the cross-campus digital scholarship staff team, former head of the Library User Experience team
- Led a year-long self-study and report on the current and future scholarly computing landscape and needs across the institution
- Analyze and visualize library statistics related to reference services, instruction/consultation, collections, and staffing
- Assist with projects involving finding, acquiring, managing, interpreting, analyzing, and visualizing both quantitative and qualitative data.
- Create documentation, tutorials, workshops, and tools to support general and specialized research needs
- Collaborate across departments to provide support for data-intensive research and teaching, including workshops, consultations, and review of research proposals and RDM strategies
- Assist in work and policy development related to institutional open access repository and research data curation
- Serve as a liaison to anthropology, economics, geography, linguistics, mathematics, philosophy, and sociology departments; serve as Middlebury's government documents coordinator for the Federal Depository Library Program

SEPTEMBER 2013 – SEPTEMBER 2015

### *Data Services Librarian*

Reed College, Portland, OR

- Lead in planning, support, and implementation of data services. Created documentation and tutorials for research skills related to data discovery, analysis, and visualization
- Collaborated across departments to provide comprehensive support for data-intensive courses
- Assisted researchers in data management planning and execution, including the review of grant-required data management plans
- Investigated and developed strategies, workflows, and policies for institutional research data curation
- Served as a liaison to psychology and philosophy departments

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## EDUCATION

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- 2012 **Master of Science in Information**  
LIBRARY & INFORMATION SCIENCE,  
HUMAN-COMPUTER INTERACTION  
*University of Michigan School of Information*
- 2006 **Master of Arts**  
PHILOSOPHY  
*Temple University*
- 2003 **Bachelor of Arts**  
LITERATURE, PSYCHOLOGY  
*University of Michigan*

## SOFTWARE & CODING SKILLS

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EXPERT	Google Apps, LibApps, MS Office, OpenRefine, Zotero
ADVANCED	Bash/Zsh, Git, Python, R/RStudio
INTERMEDIATE	ArcGIS, HTML/CSS, EndNote, Illustrator, Jekyll, Photoshop, QGIS, Tableau, Stata, Wordpress
FUNDAMENTALS	Hugo, Javascript, $\LaTeX$ , Leaflet, MySQL, NVivo, Omeka, SPSS

## PROFESSIONAL AFFILIATIONS

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- 2019 - 2021 Visualizing the Future  
Symposia – Fellow
- SINCE 2018 The Carpentries – Certified  
Instructor
- SINCE 2015 Digital Library Federation -  
Institutional Member, active in  
planning annual conferences
- SINCE 2014 International Association for  
Social Science Information  
Services & Technology
- SINCE 2014 Inter-university Consortium for  
Political and Social Research –  
Official/Designated  
Representative

## SELECTED PUBLICATIONS

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- 2018 **"How are we measuring up? Evaluating research data services in academic libraries"**  
*Journal of Librarianship & Scholarly Communication*  
With H Coates, J Carlson, M Henderson, L Johnston, & Y Shorish  
DOI: 10.7710/2162-3309.2226
- 2017 **"Team-based data management instruction at small liberal arts colleges"**  
*IFLA Journal*.  
With A Blau, P Abbaspour, & E Gandour-Rood.  
DOI: 10.1177/0340035216678239.
- 2016 **"The data librarian in the liberal arts college"**  
*Databrarianship: The Academic Data Librarian in Theory and Practice*  
Edited by L Kellam & K Thompson.
- 2015 **"Walking a mile in the user's shoes: Customer journey mapping as a method to understanding the user experience"**  
*Internet Reference Services Quarterly*.  
With J Marquez & A Downey.  
DOI: 10.1080/10875301.2015.1107000.

## PROFESSIONAL EDUCATION

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- 2018 **Carpentries Instructor Training**  
Received certification to teach Software Carpentry, Data Carpentry, and Library Carpentry workshops. Learned pedagogical concepts and evidence-based teaching practices to apply while teaching novice coders.
- 2017 **ACRL Assessment in Action**  
Identified methods for connecting assessment projects to institutional goals and communicating their results. Learned how to apply action research methodology to personal and institutional assessment projects.
- 2016 **ACRL Immersion - Teacher Track**  
Learned to design meaningful instructional activities in a systematic fashion. Analyzed and assessed personal habits, motivations, and styles to improve instructional repertoire. Learned assessment techniques and strategies to improve practice and outcomes.
- DLF eResearch Network**  
Began developing praxis-based agenda for institutional data services and digital scholarship support. Developed an institutional repository plan. Developed local and institutional community of practice.

## SELECTED PRESENTATIONS & POSTERS

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- 2021 **Given Meaning: Centering the Work of Data Visualization in Instruction**  
*IASSIST Global Virtual Conference*.  
With J Joque, A Rutowski, & A Sonnichsen
- 2019 **RDM solutions for smaller institutions**  
*NNLM New England e-Science Webinar Series*.  
With W Shook.
- 2017 **Library & laboratory: institutionalizing a dynamic digital projects infrastructure across workgroups**  
*Digital Library Federation Forum*.  
With P Wallace.
- Looking at the library data in the mirror: taking our own advice about data management**  
*IASSIST Annual Conference*.
- 2016 **It takes a village: Collaboratively building a cross-disciplinary digital repository**  
*Digital Library Federation Forum*.  
With W Shook & P Wallace.
- Collaborating across units to support digital scholarship**  
*Oberlin Digital Scholarship Conference*.  
With A Peaker & P Wallace.
- Beyond finding and managing: Extending research data services at liberal arts institutions**  
*Oberlin Digital Scholarship Conference*.
- Measuring up: How are we defining success for research data services?**  
*Research Data Access & Preservation Summit*.  
With H Coates, J Carlson, M Henderson, L Johnston, & Y Shorish.
- 2015 **NW5C research data management & curation workshop: A collaborative model for liberal arts colleges**  
*Digital Library Federation Liberal Arts Pre-Conference*.  
With A Blau & P Abbaspour.
- Think like a scholar: Using the ACRL Framework to shape collaborative, discipline-based information literacy instruction**  
*Oregon Library Association Annual Conference*.  
With A Downey & E Conor.
- Where's the data? - Building data services for liberal arts colleges**  
*ACRL Conference 2015*.  
With G Bastone & K Partlo.