

Vicky Steeves

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Objective

I work to support researchers in creating well-managed, high quality, and reproducible research through integrating reproducible practices into the research workflow. I advocate openness in all facets of scholarship, and enjoy building/contributing to open infrastructure.

Education

New York University **New York, New York**
Master of Computer Science 2019 –

Simmons College **Boston, MA**
Master of Library & Information Science 2013 – 2014

Simmons College **Boston, MA**
Bachelor of Science Computer Science & Information Technology 2010 – 2013

Graduate and Undergraduate Research Experience.....

Supervisor: Kathy Wisser **Boston, MA**
Small World Project Spring 2014

Analyzed research done with social media networks on archival material and visualized the analysis using Gephi.

Supervisor: Nanette Veilleux **Boston, MA**
Computational Linguistic Approach to Inflection in Human Speech & Difference 2012 – 2013

Recorded speech exemplars and used a specialized programming language (Praat) to write a program to determine the tonal center of gravity of each exemplar and make sure that it matches the intended intonational contour.

University College Cork **Cork, Ireland**
Celtic Studies July 2012

Completed coursework in Irish language, literature, and history.

Awards and Honors.....

Simmons College
Dean's Fellow Award 2013 – 2014

Given to students that demonstrate academic excellence.

Simmons College Computer Science & Information Technology Department
The Computer Science Award 2013

Given for excellence in Computer Science.

Simmons College
Collaborative Research Experience for Undergraduates 2012 – 2013

A research grant given to encourage women in STEM fields to complete research studies in their fields.

Simmons College
Bowker Award for Travel 2012

Given to undergraduates who demonstrate academic excellence, completing their studies abroad.

Simmons College
Simmons College 3+1 Undergraduate and Graduate Program 2010 – 2014

First participant.

Professional Experience

Pratt Institute **New York, NY**

Visiting Professor

2018 –

I teach data librarianship for the School of Information and Library Science. Materials available here: <https://vickysteeves.gitlab.io/lis-628-datalibrarianship/>

New York University

New York, NY

Librarian for Research Data Management & Reproducibility

2015 –

A dual appointment between NYU's Division of Libraries and Center for Data Science. In this role, I work to support students, faculty, staff, and researchers in creating well-managed, high quality, and reproducible research through facilitating use of tools such as ReproZip, teaching and instruction, and group and individual consultations.

Simmons College

Boston, MA

Adjunct Professor

2017 – 2018

I taught database management online for the School of Information and Library Science. Fall 2017 & Spring 2018.

Metropolitan New York Library Council

New York, NY

Interim Program Coordinator

2015 – 2016

I handled the day-to-day operations of METRO's National Digital Stewardship Residency in New York program. I contributed to project planning, communications, documentation, evaluations, outreach, as well as maintained the program's web presence. I planned, organized, and ran NDSR-affiliated events, meetings, and workshops.

American Museum of Natural History

New York, NY

National Digital Stewardship Resident

2014 – 2015

My project at the AMNH consisted of performing an environmental scan of the Science divisions to better understand their data storage, curation, and preservation needs. After data collection, I identified existing practices and policies for integrated data storage, access, and management. After data analysis, I recommended strategies to digitally preserve the scientific research at the AMNH.

Sasaki Associates

Waterville, MA

Archives Intern

Spring 2014

I processed historical architectural material and wrote the accompanying finding aid and created records for each, then catalogued the collections in Koha ILS

Simmons College

Boston, MA

Dean's Fellow for Technology

2013 – 2014

I managed social media for the undergraduate science departments to generate interest in STEM at Simmons through outreach to alumnae, current students, and prospective students, working on content creation with faculty.

2015 – 2020 Work

Grants Funded.....

Vicky Steeves and David Millman. "Investigating & Archiving the Scholarly Git Experience.", 2018 – 2020. Sloan grant to investigate options for archiving scholarship in git and on git-hosting platforms. More information available at <https://investigating-archiving-git.gitlab.io/>.

Rémi Rampin, Vicky Steeves, Fernando Chirigati, and Katherine Boss. "Saving Data Journalism.", 2018 – 2019. IMLS grant to archive dynamic websites. More information available at <https://>

[//savingjournalism.reprozip.org](https://savingjournalism.reprozip.org).

Publications.....

Karl-Rainer Blumenthal, Peggy Griesinger, Julia Kim, Shira Peltzman, and Vicky Steeves. "What's Wrong with Digital Stewardship: Evaluating the Organization of Digital Preservation Programs from Practitioners' Perspectives." 7, Jul. 2020. Available at <https://iassistquarterly.com/index.php/iassist/article/view/969>.

Vicky Steeves, Rémi Rampin, and Fernando Chirigati. "Reproducibility, preservation, and access to research with ReproZip and ReproServer." 44:1–11, Jun. 2020. doi:10.29173/iq969.

Katherine E Boss, Vicky Steeves, Remi Rampin, Fernando Chirigati, and Brian Hoffman. "Saving Data Journalism: Using ReproZip-Web to Capture Dynamic Websites for Future Reuse." In "iPres: 19th International Conference on Digital Preservation," Sep 2019. doi:10.31229/osf.io/khtdr. Available at <https://osf.io/preprints/lissa/khtdr>.

Rémi Rampin, Fernando Chirigati, Vicky Steeves, and Juliana Freire. "ReproServer: Making Reproducibility Easier and Less Intensive." *arXiv:1808.01406 [cs]*, aug 2018. Available at <https://arxiv.org/abs/1808.01406>.

Vicky Steeves and Kelly Johnson. "Research Data Management Among Life Sciences Faculty: Implications for Library Service." *The Journal of eScience Librarianship*, 2018. doi:10.7191/jeslib.2019.1159. Available at <https://escholarship.umassmed.edu/jeslib/vol8/iss1/7/>. Preprint at <https://osf.io/preprints/lissa/q36uv/>.

Vicky Steeves, Rémi Rampin, and Fernando Chirigati. "Using ReproZip for Reproducibility and Library Services." *IASSIST Quarterly*, 42(1):14, dec 2017. doi:10.29173/iq18. Available at <https://iassistquarterly.com/index.php/iassist/article/view/18>. Preprint at <https://osf.io/preprints/lissa/5tm8d/>.

Vicky Steeves. "Reproducibility Librarianship." *Collaborative Librarianship*, 9(2), jul 2017. ISSN 1943-7528. Available at <http://digitalcommons.du.edu/collaborativelibrarianship/vol9/iss2/4>.

Rémi Rampin, Fernando Chirigati, Vicky Steeves, Dennis Shasha, and Juliana Freire. "ReproZip: The Reproducibility Packer." *The Journal of Open Source Software*, 1(8), dec 2016. doi:10.21105/joss.00107. Available at <http://joss.theoj.org/papers/10.21105/joss.00107>.

Karl-Rainer Blumenthal, Peggy Griesinger, Julia Kim, Shira Peltzman, and Vicky Steeves. "What makes a digital steward: A competency profile based on the National Digital Stewardship Residencies." In "iPres: 13th International Conference on Digital Preservation," 2016. doi:10.17605/OSF.IO/TNMRA. Available at <https://osf.io/preprints/lissa/tmra/>.

Andreas Wolke, Martin Bichler, Fernando Chirigati, and Victoria Steeves. "Reproducible experiments on dynamic resource allocation in cloud data centers." *Information Systems*, 2016. ISSN 0306-4379. doi:10.1016/j.is.2015.12.004. Postprint available at <https://arxiv.org/abs/1703.00042>.

Presentations & Posters.....

Vicky Steeves, Genevieve Milliken, and Sarah Nguyen. "Saving Software for Future [Re]Use." In "Society of American Archivist Meeting 2020," Aug 2020. Available at <https://osf.io/yzuw3/>.

Vicky Steeves, Sarah Nguyen, and Genevieve Milliken. "commit -ment issues with Git: investigating & archiving y'all's work." In "csv,Conf,v5," May 2020. doi:10.5281/zenodo.3823365. Available at <https://zenodo.org/record/3823365>.

Vicky Steeves, Genevieve Milliken, and Sarah Nguyen. "Let's talk git! investigating and archiving the scholarly git experience." In "code4Lib 2020," Mar 2020. Available at <https://osf.io/2xfcn/>.

Vicky Steeves, Harrison Dekker, Matt Burton, Tim Dennis, and Indrani Mandal. "The New Normal: Why Libraries are Teaching AI, ML, DH, NLP, VR..." In "Coalition for Networked Information Fall Meeting," December 2019. Available at <https://www.cni.org/topics/teaching-learning/the-new-normal-why-libraries-are-teaching-ai-ml-dh-nlp-vr>.

Vicky Steeves. "Investigating & Archiving the Scholarly Git Experience." In "MSDSE Summit 2019," November 2019. Available at <https://osf.io/czqrn/>.

Vicky Steeves and Genevieve Milliken. "Archiving the Scholarly Git Experience." In "iPres: 19th International Conference on Digital Preservation," September 2019. Available at <https://osf.io/myw5g/>.

Karl-Rainer Blumenthal, Peggy Griesinger, Julia Kim, Shira Peltzman, and Vicky Steeves. "Panel:(I Can't Get No) Satisfaction: Measuring Success in Digital Stewardship Programs." In "iPres: 19th International Conference on Digital Preservation," September 2019.

Vicky Steeves, Genevieve Milliken, and Sarah Nguyen. "Investigating & Archiving the Scholarly Git Experience." In "SPN Quaterly," October 2019. Available at <https://osf.io/3hjfr/>.

Vicky Steeves and Rémi Rampin. "Preservation and Access to Research with ReProZip and ReProServer." In "IASSIST 2019," May 2019. Available at <https://zenodo.org/record/2673016/>.

Vicky Steeves, Jennifer Muilenburg, and Janet McDougall. "Panel: Partners in Reproducibility: Working with Researchers and Data Producers to Enhance Sharing, Reproducibility, and Long-term Access to Research Data." In "IASSIST 2019," May 2019.

Vicky Steeves and Beth M. Duckles. "Qualitative Research Using Open Tools." In "csvConfv4," May 2019. doi:10.5281/zenodo.2673016. Available at <https://zenodo.org/record/2673016/>.

Vicky Steeves and Gabriele Hayden. "The Role of Libraries in the Age of Computational Reproducibility." In "csvConfv4," May 2019. doi:10.5281/zenodo.2692864. Available at <https://zenodo.org/record/2692864/>.

Brianna Marshall, Vicky Steeves, and Micah Vandegrift. "Panel: Advocating for Open: Putting Ethics Into Practice." In "ACRL 2019," LIS Scholarship Archive, May 2019. doi:10.31229/osf.io/jhvtc. Available at <https://osf.io/preprints/lissa/jhvtc/>.

Vicky Steeves and Sarah DeMott. "Taguette: Open Qualitative Research." In "Love Data Week at Seton Hall," February 2019. Available at <https://osf.io/sp2dx>.

Vicky Steeves. "LIBER Webinar: Reproducibility Librarianship in Practice.", December 2018. doi:10.5281/zenodo.1915952. Available at <https://zenodo.org/record/1915952>.

Vicky Steeves, Rémi Rampin, Fernando Chirigati, and Juliana Freire. "ReproServer: Making Reproducibility Easier and Less Intensive." In "MSDSE Summit 2018," 2018. Available at <https://osf.io/xafsg/>.

Vicky Steeves. "Best practices for reproducible research." In "Harvard-Smithsonian center for Astrophysics," 2018. Available at <https://osf.io/6hvpt>.

Vicky Steeves. "Reproducing & Archiving Scholarship with ReproZip." In "PresQT Workshop Two," 2018. doi:10.17605/OSF.IO/S6FW9. Available at <https://osf.io/tawn/>.

Vicky Steeves. "Research with interviews." In "NDSR-Art Immersion Week," 2018. Available at <https://vickysteeves.gitlab.io/2018-ndsr-art/>.

Vicky Steeves. "Reproducibility short course." In "Building Integrity through Reproducibility," 2018. Available at <https://vickysteeves.gitlab.io/2018-uutah-repro/>.

Vicky Steeves, Daniel Nüst, Markus Konkel, Rémi Rampin, and Edzer Pebesma. "Writing reproducible geoscience papers using R Markdown, Docker, and GitLab." In "European Geosciences Union," 2018. Available at <https://vickysteeves.gitlab.io/repro-papers/>.

Vicky Steeves. "Data Management and Reproducibility." In "L'Unité Régionale de Formation à l'Information Scientifique et Technique," 2017. Available at <https://osf.io/6fyj5/>.

Vicky Steeves. "Reproducibility: the what, why, & how." In "LIS Scholarship Archive," Sep 2017. doi:10.31229/osf.io/cyr3n. Available at <https://osf.io/preprints/lissa/cyr3n/>.

Vicky Steeves and Rémi Rampin. "Creating Reproducible Experiments with ReproZip." In "SciPy 2017," 2017. Available at <https://vickysteeves.gitlab.io/2017-SciPy/#/>.

Vicky Steeves, Cynthia Hudson-Vitale, and Matt Spitzer. "Open, Public Goods Infrastructure for Research Management & Discovery." In "IASSIST 2017," 2017. doi:10.17605/OSF.IO/SY2ZF. Available at <https://osf.io/sy2zf/>.

Vicky Steeves, Rémi Rampin, and Fernando Chirigati. "Reproducing and Preserving Research with ReproZip." In "IASSIST 2017," 2017. Available at <https://vickysteeves.gitlab.io/2017-IASSIST-ReproZip/>.

Vicky Steeves and Rémi Rampin. "ReproZip for Reproducible Research." In "PresQT Workshop One," 2017. doi:10.17605/OSF.IO/S6FW9. Available at <https://osf.io/s6fw9/>.

Vicky Steeves, Rémi Rampin, and Daniel Nüst. "Reproducible computational research in the publication cycle." In "European Geosciences Union General Assembly 2017," 2017. doi:10.17605/OSF.IO/UMY6G. Available at <https://osf.io/umy6g/>.

Vicky Steeves. "Open Science: Understanding Modern Research Practices." In "Association of College and Research Libraries," 2017. doi:10.17605/osf.io/cyr3n. Available at <https://osf.io/preprints/lissa/cyr3n/>.

Vicky Steeves and Nicholas Wolf. "Using Openness as Foundation for Research Data Management Services." In "Library Information and Technology Association Conference," 2016. Available at <http://forum.lita.org/sessions/using-openness-as-foundation-for-research-data-management-services/>.

Karl-Rainer Blumenthal, Peggy Griesinger, Julia Kim, Shira Peltzman, and Vicky Steeves. "What makes a digital steward: A competency profile based on the National Digital Stewardship Residencies." In "iPres: 13th International Conference on Digital Preservation," 2016. doi:10.17605/OSF.IO/XFC26. Available at <https://osf.io/xfc26/>.

Vicky Steeves and Rémi Rampin. "ReproZip: Reproducibility with Ease." In "DASPOS: Container Strategies for Data & Software Preservation that Promote Open Science," 2016. doi:10.17605/OSF.IO/AQZTF. Available at <https://osf.io/aqztf/>.

Vicky Steeves, Kevin B. Read, and Andrew S. Gordon. "Collaborating to Create a Culture of Data Stewardship." In "Research Data Access and Preservation Summit," 2016. Available at <http://hdl.handle.net/2451/38185>.

Vicky Steeves, Kevin B. Read, and Andrew S. Gordon. "Bridging the Gap: Improving Data Services through Cross-Campus Collaboration." In "University of Massachusetts and New England Area Librarian e-Science Symposium," 2016. Available at http://escholarship.umassmed.edu/escience_symposium/2016/posters/2/.

Vicky Steeves, Jennifer Muilenburg, and Erik Mitchell. "Organizational Implications of Data Science Environments in Education, Research, and Research Management in Libraries." In "Coalition for Networked Information Fall Meeting," 2015. doi:http://doi.org/10.17605/OSF.IO/RHGQ3. Available at <https://osf.io/rhgq3/>.

Code & Media.....

Vicky Steeves, Shira Peltzman, Julia Kim, Peggy Griesinger, and Karl-Rainer Blumenthal. "Data for: 'What's Wrong with Digital Stewardship: Evaluating the Organization of Digital Preservation Programs from Practitioners' Perspectives'." 2020. doi:10.5064/F6DJRPLK. Available at <https://data.qdr.syr.edu/dataset.xhtml?persistentId=doi:10.5064/F6DJRPLK>.

Vicky Steeves and Thomas Padilla. "Data Librarianship: A Path and an Ethic.", 2018. Available at: <https://acrl.ala.org/dh/2018/04/04/repro/>.

Vicky Steeves and Rémi Rampin. "ReproCrawl.", 2018. A search engine for materials relating to reproducibility. Source: <https://gitlab.com/vickysteeves/reprocrawl>.

Vicky Steeves. "Database: Women Leaders in Openness.", 2017. doi:10.17605/osf.io/5s2g6. Available at <https://osf.io/preprints/lissa/5s2g6/>.

Vicky Steeves and Rémi Rampin. "ReproZip Examples Website.", 2017. Available at <https://github.com/ViDA-NYU/reprozip-examples>.

Vicky Steeves. "How GitLab can help in research reproducibility.", 2017. Available at <https://about.gitlab.com/2017/08/25/gitlab-and-reproducibility/>.

Vicky Steeves and Rémi Rampin. "Reproducible Science website.", 2017. Available at <https://github.com/ViDA-NYU/reproducible-science>.

Vicky Steeves and Rémi Rampin. "Reproducible Science NYU website.", 2017. Available at <https://github.com/ViDA-NYU/reproducible-science-nyu>.

Vicky Steeves and Nicholas Wolf. "Research Data Management Badge.", 2016. Available at <https://osf.io/85bnv>.

Vicky Steeves and Nicholas Wolf. "Data Dispatch.", Sep 2016. Available at <https://osf.io/4tdms/>.

Vicky Steeves and Rémi Rampin. "Reproducibility news feed.", 2015. Available at <https://github.com/ViDA-NYU/reproducibility-news>.

Vicky Steeves, Rémi Rampin, and Fernando Chirigati. "Packing and Unpacking Experiments with ReproZip.", Nov 2015. Available at <https://www.youtube.com/watch?v=-zLPuwCHXo0>.

Service to the Profession

Librarians Building Momentum for Reproducibility: Co-organized the half-day, online conference: <https://vickysteeves.gitlab.io/librarians-reproducibility>

National Library of Medicine: Serve as mentor and instructor for the for-credit continuing education courses: RDM 101 (Spring 2018), RDM 102 (Spring 2019), and RDM 102 (Spring 2020)

The LIS Scholarship Archive: Co-director of [LISSA](#), a partnership with the Center for Open Science & the LIS community to build a place for LIS scholars to share their work.

SPARC: Contributor to the SPARC International Survey on Research Data Management Readiness (with Nick Wolf and Scott Collard).

Guest blog post for GitLab: about how their platform helps with research reproducibility: <https://about.gitlab.com/2017/08/25/gitlab-and-reproducibility/>

Interview with dh+lib: on how my career path as a data librarian is informed by ethics from CS degree: <https://acrl.ala.org/dh/2018/04/04/repro/>

Interview with Simmons College: on my experience as the first 3+1 program student: <http://www.simmons.edu/news/school-of-library-and-information-science/2017/may/vicky-steeves>

Radian: Editor.

The Idealis: Editor.

CLIR: Participant, 2016 CLIR eResearch Network Research Data Management cohort.

Preservation and Archiving Special Interest Group: Chaired the committee responsible for the reproducibility track of the Fall 2016 conference.

Center for Open Science: Open Science Framework Ambassador. Participant in the 2016 SHARE Curation Associates program.

DLF: Participant in the 2016 eDLF Data Management Cohort.

Data And Software Preservation for Open Science: External organizer for the workshop on containerizing science.

Library Information and Technology Association: Taught a one-month course on building library services around openness and reproducibility.

Preservation and Quality Tools: Facilitated a hands-on session at this workshop on ReproZip.

Data And Software Preservation for Open Science: Led multiple hands-on sessions on ReproZip. Presented to the DASPOS board of directors on NYU's open source reproducibility initiatives.

OpenCon: Guest lectured on reproducibility for the OpenCon early career librarian's call.

Metropolitan NY Library Council (METRO): Presented a webinar teaching RDM principles to library and information professionals.

Pratt School of Library and Information Science: Guest lectured in Meg Smith's Data Librarianship class on my career path, RDM, and reproducibility. 2016 & 2017

Palmer School of Library & Information Science: Guest lectured in Don Mennerich's Digital Archives class for the Public History program on RDM. 2016 & 2017

Queen's College Graduate School of Library & Information Science: Guest lectured in Robert DeCandido's digital stewardship class at Queens College on data management, NDSR, and my career path.

Employment History

Pratt Institute <i>Visiting Professor</i>	New York, NY 2018 –
New York University <i>Librarian for Research Data Management & Reproducibility</i>	New York, NY 2015 –
Simmons College <i>Adjunct Professor</i>	Boston, MA 2017 – 2018
Metropolitan New York Library Council <i>Interim Program Coordinator</i>	New York, NY 2015 – 2016
American Museum of Natural History <i>National Digital Stewardship Resident</i>	New York, NY 2014 – 2015
Simmons College <i>Dean's Fellow for Technology</i>	Boston, MA 2013 – 2014
Simmons College <i>Technical Resource Assistant</i> Provide technical instruction to students, staff, and faculty at the Graduate School of Library and Information Science (GSLIS). Troubleshoot hard/software issues within GSLIS for students, staff, and faculty.	Boston, MA 2013 – 2014
Simmons College Computer Science Department <i>Teacher's Assistant</i> Assist in creating classwork, homework, and quizzes for students to complete. Grade students' work and report these grades to the instructor.	Boston, MA 2011 – 2013
Simmons College Computer Science Department <i>Lab Monitor</i> Assist students with troubleshooting soft/hardware issues. Repair and maintain computers in the computer science laboratory.	Boston, MA 2011 – 2013

Research Interests

Professional Interests: Data management, reproducibility, digital preservation, digital archiving, systems analysis, database management, web development, software engineering and development, computational linguistics.