

# Vicky Steeves

(212) 992 6269   vicky.steeves@nyu.edu   vickysteeves.com  
VickySteeves   VickySteeves   VickySteeves

## Objective

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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

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<b>New York University</b> <i>Master of Computer Science</i>	<b>New York, New York</b> 2019 –
<b>Simmons College</b> <i>Master of Library &amp; Information Science</i>	<b>Boston, MA</b> 2013 – 2014
<b>Simmons College</b> <i>Bachelor of Science Computer Science &amp; Information Technology</i>	<b>Boston, MA</b> 2010 – 2013

## Graduate and Undergraduate Research Experience.....

<b>Supervisor: Kathy Wisser</b> <i>Small World Project</i> Analyzed research done with social media networks on archival material and visualized the analysis using Gephi.	<b>Boston, MA</b> Spring 2014
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<b>Supervisor: Nanette Veilleux</b> <i>Computational Linguistic Approach to Inflection in Human Speech &amp; Difference</i> 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.	<b>Boston, MA</b> 2012 – 2013
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<b>University College Cork</b> <i>Celtic Studies</i> Completed coursework in Irish language, literature, and history.	<b>Cork, Ireland</b> July 2012
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## Awards and Honors.....

<b>Simmons College</b> <i>Dean's Fellow Award</i> Given to students that demonstrate academic excellence.	2013 – 2014
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<b>Simmons College Computer Science &amp; Information Technology Department</b> <i>The Computer Science Award</i> Given for excellence in Computer Science.	2013
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<b>Simmons College</b> <i>Collaborative Research Experience for Undergraduates</i> A research grant given to encourage women in STEM fields to complete research studies in their fields.	2012 – 2013
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<b>Simmons College</b> <i>Bowker Award for Travel</i> Given to undergraduates who demonstrate academic excellence, completing their studies abroad.	2012
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<b>Simmons College</b> <i>Simmons College 3+1 Undergraduate and Graduate Program</i>	2010 – 2014
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First participant.

## Professional Experience

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**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

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### Publications.....

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>.

Vicky Steeves, Remi Rampin, and Fernando Chirigati. "Reproducibility, Preservation, and Access to

Research with ReProZip and ReProServer.” *LIS Scholarship Archive*, Dec 2019. doi:10.31229/osf.io/mgvxq. Available at <https://osf.io/preprints/lissa/mgvxq>.

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/tnmra/>.

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, 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/tavwn/>.

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-utah-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 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/](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.....

Rémi Rampin, Vicky Steeves, and Sarah DeMott. "Taguette: free and open source qualitative research tool.", 2020. Available at <https://taguette.org>. Source at <https://gitlab.com/remram44/taguette>.

Karl-Rainer Blumenthal, Peggy Griesinger, Julia Kim, Shira Peltzman, and Vicky Steeves. "Project Preview: "Weaving Digital Stewardship into the Organizational Fabric".", 2019. Available at <https://www.dpconline.org/blog/idpd/weaving-digital-stewardship-into-the-organization>.

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

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

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

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

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

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

#### Grants Funded.....

Vicky Steeves and David Millman. "Investigating & Archiving the Scholarly Git Experience.", 2018. 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, Meredith Broussard, and Katherine Boss. "Saving Data Journalism.", 2018. IMLS grant to archive dynamic websites. More information available at <https://savingjournalism.reprozip.org>.

## Service to the Profession

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**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

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<b>Pratt Institute</b> <i>Visiting Professor</i>	<b>New York, NY</b> 2018 –
<b>New York University</b> <i>Librarian for Research Data Management &amp; Reproducibility</i>	<b>New York, NY</b> 2015 –
<b>Simmons College</b> <i>Adjunct Professor</i>	<b>Boston, MA</b> 2017 – 2018

<b>Metropolitan New York Library Council</b> <i>Interim Program Coordinator</i>	<b>New York, NY</b> 2015 – 2016
<b>American Museum of Natural History</b> <i>National Digital Stewardship Resident</i>	<b>New York, NY</b> 2014 – 2015
<b>Simmons College</b> <i>Dean's Fellow for Technology</i>	<b>Boston, MA</b> 2013 – 2014
<b>Simmons College</b> <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.	<b>Boston, MA</b> 2013 – 2014
<b>Simmons College Computer Science Department</b> <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.	<b>Boston, MA</b> 2011 – 2013
<b>Simmons College Computer Science Department</b> <i>Lab Monitor</i> Assist students with troubleshooting soft/hardware issues. Repair and maintain computers in the computer science laboratory.	<b>Boston, MA</b> 2011 – 2013

## Research Interests

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