

KATIE SHAMASH

CONTACT DETAILS

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WORK EXPERIENCE

Aug 2015-Present Scholarly communications analyst, JISC
Jisc (London) Worked directly with relevant stakeholders to improve data quality and transparency. Gathered data from a wide range of sources and analyzed it in a systematic and reproducible way. Clearly communicated findings to non-technical audiences through blog posts, interactive visualizations, reports, and presentations. Successfully influenced publisher negotiations and funder policies with data-driven evidence. Tested and refined dashboard software with end users to deliver a marketable product.

May-Aug 2015 Research assistant, SIMON FRASER UNIVERSITY
Simon Fraser University (Vancouver) Prepared an extensive literature review surveying the humanities monograph industry. Conducted research into university presses' digital initiatives. Connected university presses with complementary strengths and interests to spur innovation.

2011-2012 Freelance editor, SECOND GENERATION PRESS
Second Generation Press (Montreal) Edited works prior to publication, reviewed manuscripts, and advised digital production strategy.

2011 Web sales & marketing manager, BLACK ROSE BOOKS
Black Rose Books (Montreal) Doubled social media following, wrote newsletters and press releases, managed interns.

EDUCATION

2014-2015 Master of Publishing candidate
Simon Fraser University (Vancouver) Multidisciplinary program with classes on technology, history, design, marketing, and industry of trade, magazine, and academic publishing. Hands-on projects include a course project on data analysis for scholarly communication, which used topic modelling, natural language processing, and network visualization to visualize and interpret scholarly journal data.

2009-2014 Bachelor of Arts & minor in Computer Science
Concordia University (Montreal) Graduated with distinction · Honours English and Creative Writing · Minor in Computer Science
Relevant computer science courses include probability and statistics, combinatorics, object-oriented programming, data structures and algorithms, mathematics for computer science, and functional and logical programming.

2008-2009 Diplôme d'études collégiales
Marianopolis College (Montreal) Dean's list student · Creative arts, literature, and languages

PUBLICATIONS AND PRESENTATIONS

- 2018 Navigating the complex terrain of open access
Special issue A special journal issue showcasing achievements of institutions in promoting open access. Currently in submission stage. *Sage Open*.
 Guest editors: Frank MANISTA, Mafalda MARQUES, Katie SHAMASH, Graham STONE
- 2017 Reassembling scholarly communications: an evaluation of the Andrew W. Mellon Foundations monograph initiative
Journal article A consideration of the Andrew W. Mellon Foundations 2014–2015 scholarly communications initiative, which focused on helping to develop new capacity in the monograph-publishing ecosystem. *The Journal of Electronic Publishing*.
[doi:10.3998/3336451.0020.101](https://doi.org/10.3998/3336451.0020.101)
 Authors: John W. MAXWELL, Alessandra BORDINI, Katie SHAMASH
- 2016 Article processing charges and subscriptions: monitoring open access costs
Report The largest-scale analysis of open access charges in the UK. Widely shared on social media, covered in a press article, and made into a podcast. The underlying data and analysis have been used in further research worldwide. An early draft informed the 2015 Tickell report on open access to the Department of Business, Energy, and Industrial Strategy. Prepared for Jisc. jisc.ac.uk/reports/apcs-and-subscriptions
 Author: Katie SHAMASH
- 2015 Teaching data analysis in the social sciences: a case study with article level metrics
Book chapter A book chapter on how open scholarly communications data can be used to build data literacy and skills for humanities students. *Open Data as Open Educational Resources*. Eds. Atenas, J. and Havemann, L. [doi:10.6084/m9.figshare.1590031](https://doi.org/10.6084/m9.figshare.1590031)
 Authors: Katie SHAMASH, Juan Pablo ALPERIN, Alessandra BORDINI
- Presentations
 2017 · "Article processing charges and subscriptions: Monitoring open access costs in the United Kingdom" · OPENAIRE · Oslo
 2016 · "Seven key findings on article processing charges" · OPEN ACCESS GOOD PRACTICE · Bath
 2016 · "Making sense of open scholarly communications data" · DIGIFEST · Birmingham

SKILLS

- Languages* English (native speaker), French (fluent)
- Data analysis* Python, R, SQL, Excel, OpenRefine, Weka
- Mathematics* Probability and statistics, machine learning, natural language processing, network analysis
- Design* HTML, CSS, Adobe InDesign, L^AT_EX
- Visualisation* Tableau, Javascript (D3.js), Matplotlib, Gephi
- Office* Windows, Linux, Microsoft Office

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