Roger Reka

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Education

Master of Information in Library and Information Science; Information Systems and Design
University of Toronto | 2016 – 2018

The Master of Information program is accredited by the American Library Association.

Bachelor of Science, Honours with Distinction in Biological Sciences and Psychology
University of Windsor | 2011 – 2016

Professional experience

Science Data Librarian (2-year contract) | Leddy Library, University of Windsor | 2018 – Present

- Developed a series of workshops tailored to the needs of graduate students that incorporated data science skills (R, Python, Git) and data management best practices.
- In collaboration with students, launched a new study group for scientific coding where peers can assist peers with data science and data management problems.
- Administered and curated deposits to the institutional data repository (Dataverse) from researchers across all academic disciplines.
- Consulted with researchers and research groups to develop data management plans, and to incorporate RDM practices into their workflows.
- Promoted the re-use of existing research data sets through teaching, and by assisting researchers in finding relevant data for their projects.
- In 2019, served as the acting data librarian; quickly developed necessary knowledge & skills to provide general data reference for all disciplines.
- With collaborators in the library, research office, IT and the research ethics board, drafted an institutional strategy for research data management.
- Sustained efforts to build relationships and new partnerships as liaison to the departments of nursing, biology, biomedicine, chemistry and biochemistry.
- Identified, and pursued, an opportunity to partner on a project to digitize ecologically-relevant audio and video recordings with a local First Nation, resulting in a successful grant application from Library and Archives Canada ($100k).
- With faculty and students, created new opportunities for teaching through targeted information literacy interventions in the program curricula.
- Created a data analysis approach for library collections development that programmatically collects and analyzes citation datasets to produce new metrics, insights and reports for selecting materials.
- Consulted and collaborated (as co-author) on original systematic review projects with nursing researchers, and provided training on systematic review techniques.

Academic Librarian Intern | Gerstein Science Information Centre, University of Toronto | 2016 – 2018

- Co-authored an original research study that investigated approaches that universities around the world are taking in data management.
- Partnered with faculty and librarians to design and deliver instructional workshops for courses in the health sciences and in-library sessions on evidence-based medicine and health science information resources (e.g., MEDLINE, Embase, CINAHL)
- Collaborated (as co-author) and consulted on systematic and scoping reviews in the health sciences by developing search strategies, participating in data analysis and promoting reproducible & open practices
- Provided comprehensive reference service to health science students and faculty through service points (in-person and chat) and with one-on-one research consultations
- Developed online learning content for the health sciences in the form of research guides and video tutorials

Captain | Canadian Armed Forces | 2013 – Present

- Serve as a Cadet Organizations Administration and Training Service officer in the Canadian Armed Forces Reserve Force, supporting the Canadian Cadet Organizations – a national paramilitary youth organization.
- Planned, managed and executed a weekly training curriculum for over 130 participants, along with 10 training exercises over the course of the calendar year.
- Led, developed and coached a team of military and civilian members to successfully execute the training program.
- Received formal training and qualifications as a basic instructor and as a training officer in the Canadian Armed Forces

Teaching Assistant | University of Windsor (01-400, *Mentorship and Learning*) | 2014

- Planned and taught break-out sessions for students in the course during each lecture
- Coached students in the course on how to research and how to provide mentorship to their peers
- Assisted in the assessment of the students by providing qualitative feedback to instructors

Scholarly contributions

Peer-reviewed articles

Dugani, S. B., Melendez, A. P. A., **Reka, R.**, Hydoub, Y. M., McCafferty, S. N., Murad, M. H., … Mora, S. (2019). Risk factors associated with premature myocardial infarction: a systematic review protocol. *BMJ Open*, *9*(2), e023647. https://doi.org/10.1136/bmjopen-2018-023647

Perrier L., Blondal E., Ayala A.P., Dearborn D., Kenny T., Lightfoot D., **Reka R.**, Thuna M., Trimble L., & MacDonald H. (2017). Research data management in academic institutions: A scoping review. *PLoS ONE, 12*(5): e0178261. https://doi.org/10.1371/journal.pone.0178261

Peer-reviewed conference posters

Reka, R. (2020, upcoming). Misinformation, science and the academic library. *American Library Association Annual Conference & Exhibition.*

Geagea, A., **Reka, R.**, Siarkowski, M., Espinosa-Perez, L., Ayala, A., & Adhikari, N. (2017). Antimicrobial resistance and associated intervention in low- and middle-income country intensive care units: Scoping review. *Critical Care Canada Forum.*

Alibhai, S.M., Jung, P., Alam, Z., Yeung, L., Malik, U., Syed, A.T., Rosario, C., Yokom, D., Rowbottom, L., Ayala, A.P., **Reka, R.,** & Puts, M. (2019). Delirium incidence, risk factors, and treatment in older adults receiving chemotherapy: A scoping review. *ASCO Annual Meeting.*

Presentations & workshops

Author (invited). *How to Use APIs and Data Science to Support Your Collections Work* (2019, November). 4-hour workshop presented to the Health Sciences Library, McMaster University, Hamilton.

Author (submitted). *How to Use APIs and Data Science to Support Your Collections Work* (2019, October). 3-hour workshop presented at the Canadian Library Assessment Workshop, Windsor.

Author (submitted). *Opening research data: Towards improving reproducibility* (2018). Open Access Week, University of Windsor, Windsor.

Panel speaker (invited). *INF1300: Experiences on Visual Research Projects* (2017). Faculty of Information, University of Toronto, Toronto.

Service work

Library

Member – Leddy Library Web Leadership Team, 2019 – Present
Secretary – Leddy Library Public Relations Committee, 2018 – Present
Member – University Library Advisory Committee, 2018 – Present
Member – Gerstein Science Information Centre search committee for TALint intern, 2018

University

Member – University Data Analytics Solutions and Review Working Group, 2019 – Present
Member – University Research Data Management Working Group, 2018 – Present

External

Member – Ontario Data Community, Ontario Council of University Libraries, 2019 – Present
Member – Data Liberation Initiative, 2019 – Present
Representative (acting) – Inter-university Consortium for Political and Social Research, 2019

Memberships with Associations

Member – Medical Library Association, 2017 – present
  ● Continuing education on health science librarianship & RDM: 8.5 MLA credits

Member – National Network of Libraries of Medicine, 2017 – present

Skills

Basic proficiency	Advanced proficiency
	English (fluent) French (fluent) Albanian (native)
SQL	Python R HTML, CSS & Bootstrap
Power BI Tableau	
Adobe Photoshop Drupal	Adobe Illustrator Adobe Premiere Pro LibGuides

Portfolio

For case examples and descriptions of my professional work, please consult my portfolio at
https://www.rogerreka.info.