

EDUCATION

- 2023 **PhD**, Faculty of Information, University of Toronto
[Archaeological data work as continuous and collaborative practice](#)
- 2014 **MA**, Department of Anthropology, McMaster University
[Obsidian Circulation Networks in Southwest Asia and Anatolia: A Comparative Approach](#)
- 2012 **BA**, Directed Interdisciplinary Studies, Carleton University
- 2009 **DEC**, Social Sciences, Dawson College

GRANTS & FELLOWSHIPS




- 2019 – 2021 **SSHRC Doctoral Fellowship.** Archaeological data curation as continuous and collaborative practice. Award ID: 752-2019-2233.

RESEARCH POSITIONS

- 2018 – 2023 **Research Assistant**
E-CURATORS: Pervasive Digital Curation Activities, Objects and Infrastructures in Archaeological Research and Communication
Faculty of Information, University of Toronto
- 2016 – 2021 **Database Manager**
Stelida Naxos Archaeology Project
- 2009 **Research Assistant**
Redpath Museum, McGill University
- 2007 – 2009 **Research Assistant**
Molecular Pharmacology Laboratory
Lady Davis Institute for Medical Research

PUBLICATIONS

JOURNAL ARTICLES



- in review Batist, Z. **The value of formal and situated representations in archaeological data work.** Open Archaeology.
- in review Batist, Z & Roe, J. **Open archaeology, open source? Collaborative practices in an emerging community of archaeological software engineers.** Internet Archaeology.
 [zackbatist/openarchaeo-collaboration](https://github.com/zackbatist/openarchaeo-collaboration)
 zackbatist.info/openarchaeo-collaboration (draft pre-print)
- 2023 Batist, Z & Roe, J. **Open-archaeo: a resource for documenting archaeological software development practices.** Journal of Open Archaeology Data. 11(9):1-7.
 [10.5334/joad.111](https://doi.org/10.5334/joad.111)

- 2021 Batist, Z, Masters, V, Torma, TC, Ferris, N, Huvila, I, Ross, S, Carter, WM & Dallas, C. **Figurations of Digital Archaeological Practice in Two Mediterranean Fieldwork Projects.** Open Archaeology (Special Issue on Archaeological Practice on Shifting Grounds) 7(1):1731-1755.
 [10.1515/opar-2020-0217](https://doi.org/10.1515/opar-2020-0217)
- 2021 Contreras, D, Batist, Z, Zogheib, C & Carter, T. **Matching Pragmatic Lithic Analysis and Proper Data Architecture: The QuARI R Shiny Database Interface.** Advances in Archaeological Practice 9(4):299-311.
 [10.1017/aap.2021.11](https://doi.org/10.1017/aap.2021.11)
 [zackbatist/QuARI](https://github.com/zackbatist/QuARI)
- 2017 Carter, T, Batist, Z, Campeau, K, Garfinkel, Y & Streit, K. **Investigating Pottery Neolithic Socio-Economic “Regression” in the Southern Levant: Characterising Obsidian Consumption at Sha’ar Hagolan (N. Israel).** Journal of Archaeological Science: Reports 15:305-317.
 [10.1016/j.jasrep.2017.08.016](https://doi.org/10.1016/j.jasrep.2017.08.016)
- 2014 Freund, KP & Batist, Z. **Sardinian Obsidian Circulation and Early Maritime Navigation in the Neolithic as Shown through Social Network Analysis.** Journal of Island and Coastal Archaeology 9(3):364-380.
 [10.1080/15564894.2014.881937](https://doi.org/10.1080/15564894.2014.881937)
- 2009 Loignon, M, Miao, W, Hu, L, Bouchard, A, Bismar, TA, Scrivens, PJ, Mann, K, Basik, M, Fiset, PO, Batist, Z & Batist, G. **Frequent Nrf2 depletion due to Cul3 overexpression in breast cancer is associated with sensitivity to carcinogens, oxidative stress and chemotherapy.** Molecular Cancer Therapeutics 8(8):2432-2440.
 [10.1158/1535-7163.MCT-08-1186](https://doi.org/10.1158/1535-7163.MCT-08-1186)

Articles in Progress

- In progress Batist, Z. **Digital workflows and the alienation of archaeological labour**
- In progress Batist, Z. **Scaffolding archaeological data work**
- In progress Batist, Z. **Open data, overstated: an exploration of small-scale, offline and private acts of data-sharing within archaeological projects.**
- In progress Batist, Z. **Does not compute! Accounting for social and situated experiences while integrating and analyzing obsidian sourcing data**
- In progress Batist, Z & Roe, J. **Archaeology in the fediverse: reclaiming ownership of scholarly social media**

BOOK CONTRIBUTIONS

- 2018 Graham, S, Gupta, N, Smith, J, Angourakis, A, Reinhard, A, Ellenberger, K, Batist, Z, Rivard, J, Marwick, B, Carter, WM, Compton, B, Blades, R, Wood, C & Nobles, G. **The Open Digital Archaeology Textbook.** eCampus Ontario.
 o-date.github.io
 Award for Outstanding Work in Digital Archaeology, Archaeological Institute of America

OPEN-SOURCE SOFTWARE

2020 – 2021 **Queryable Artefact Record Interface (QuARI)**

A database interface designed to facilitate the irregular, iterative, and non-linear workflows that are commonly employed in lithic analysis.

 [zackbatist/QuARI](https://github.com/zackbatist/QuARI)

OPEN DATASETS

2018 – present **open-archaeo** A comprehensive list of open source archaeological software and resources.

 [10.5281/zenodo.8299651](https://doi.org/10.5281/zenodo.8299651)

 [zackbatist/open-archaeo](https://github.com/zackbatist/open-archaeo)

 open-archaeo.info

2014 – 2017 **The Database of Obsidian Sourcing Studies (DObsiSS)** A listing of chemically characterized archaeological obsidian, compiled from published journal articles, excavation reports, conference papers and other scholarly records.

 [10.5281/zenodo.55848](https://doi.org/10.5281/zenodo.55848)

 [zackbatist/DObsiSS](https://github.com/zackbatist/DObsiSS)

 zackbatist.github.io/DObsiSS/

CONFERENCE PRESENTATIONS

2023 Batist, Z. **Does not compute! Accounting for social and situated experiences while integrating and analyzing obsidian sourcing data.** Paper presented at ArcheoFOSS XVII – Open Science and Archaeology: Archiving the Knowledge. Department of Historical Studies, University of Turin. Turin, Italy, 12-13 December 2023.

2023 Batist, Z. **Documenting the collaborative commitments that support data sharing within archaeological project collectives.** Paper presented at Digital Archaeology Bern 2023. Bern Computational and Digital Archaeology lab, University of Bern. Bern, Switzerland, 1-3 February 2023.

 [zackbatist/DAB23](https://github.com/zackbatist/DAB23)


2021 Batist, Z & Roe, J. **Open archaeology: a survey of collaborative software engineering in archaeological research.** Paper presented at the 49th Computer Applications and Quantitative Methods in Archaeology Conference (CAA 2021). Limassol, Cyprus (Virtual), 14-18 June 2021.

 [zackbatist/caa2021-openarchaeo](https://github.com/zackbatist/caa2021-openarchaeo)

2019 Batist, Z. **Distributing Knowledge Of Digital Workflows Via Workshops And Support Groups.** Lightning talk presented at Our Networks, Re: Infrastructure. Toronto, Ontario, September 20–22, 2019

2019 Batist, Z. **Untangling and extending the discursive relations mediated by archaeological data through grounded research.** Paper presented at On shifting grounds – the study of archaeological practices in a changing world, COST-Arkwork and the Department of History and Archaeology, University of Crete. Rethymno, Crete, October 2019.

2018 Batist, Z. **Documenting archaeological knowledge construction as socially-embedded information practices.** Paper presented at PhD Research Days 2018, Faculty of Information, University of Toronto. Toronto, Ontario, April 2018.

- 2018 Batist, Z. **Documenting archaeological knowledge construction as distributed information practices.** Paper presented at the 46th Computer Applications and Quantitative Methods in Archaeology Conference (CAA 2018). Tübingen, Germany, March 2018.
 [10.15496/publikation-87754](https://doi.org/10.15496/publikation-87754)
- 2017 Batist, Z & Dallas, C. **A view from the bridge: human- and thing-centred approaches to research practice, disciplinary discourse and local engagement with the archaeological record.** Paper presented at TAG (North America) 2017 - The Medium is the Message: Media and Mediation in Archaeology. Toronto, Ontario, May 2017.
- 2017 Carter, T, Campeau, K, Batist, Z, Garfinkel, Y, Rosenberg, D, Rowan, Y & Streit, K. **Social Interaction at Distance Over the Long Term: Obsidian Sourcing from the Southern Levant (9th – 4th millennia cal BC).** Paper presented at the Society for American Archaeology 82nd Annual Meeting. Vancouver, British Columbia, March – April 2017.
- 2017 Batist, Z. **Identifying Obsidian Procurement Habits during the Pre-Pottery Neolithic in the Levant using Network Analysis.** Poster presented at the Archaeological Institute of America 118th Annual Meeting. Toronto, Ontario, January 2017.
- 2015 Batist, Z. **The Database of Obsidian Sourcing Studies (DObsiSS): Using Git for Collaborative Management of Archaeological Data.** Poster presented at the American Archaeological Institute 116th Annual Meeting. New Orleans, Louisiana, January 2015.
- 2014 Batist, Z. **An Examination of Obsidian Circulation Patterns in Terms of Relational and Geographical Distance in Southwest Asia and Anatolia from the Epi-Palaeolithic to Chalcolithic Periods (14000 – 5700 B.P.).** Paper presented at Archaeological Sciences and the Ancient Mediterranean Environment. The Archaeological Centre, University of Toronto, March 2014.
- 2014 Batist, Z. **Using Network Analysis to Examine Relative Resource Procurement Strategies in Anatolia and Southwest Asia from the Epipaleolithic to Chalcolithic Periods (14,000 – 5700 BP).** Paper presented at the American Archaeological Institute 115th Annual Meeting. Chicago, Illinois, January 2014.
- 2013 Freund, KP & Batist, Z. **Tracking the Circulation of Sardinian Obsidian using Network Analysis: Lithic Procurement, Cultural Interaction, and Early Maritime Navigation in the Neolithic.** Paper presented at Networks of maritime connectivity in the ancient Mediterranean: Structure, continuity, and change over the longue durée. The Archaeology Centre, University of Toronto. Toronto, Ontario, November 2013.
- 2013 Batist, Z. **Using network analysis to examine obsidian assemblage variability in Anatolia and Southwest Asia from the Epi-Palaeolithic to Chalcolithic periods (14000 – 5700 BP).** Paper presented at The Future of Historical Network Research Conference. Historical Network Research, University of Hamburg. Hamburg, Germany, September 2013.
- 2012 Batist, Z. **Eat, Drink and Be Networked: Feasting and Bronze Age Networks.** Invited panelist at the Colloquium on Digital History and the Transnational History of Nursing. Department of History, Carleton University. Ottawa, Ontario, March 2012.

AWARDS & HONORS

- | | |
|------|---|
| 2019 | Research Travel Grant (\$500)
Faculty of Arts and Science, University of Toronto |
| 2017 | Joseph and Maria Shaw Graduate Student Travel Award (\$500)
The Archaeology Centre, University of Toronto |
| 2015 | McMaster University Travel Scholarship for OpenCon 2015 (\$2500)
McMaster University Library, McMaster University |
| 2015 | Edith M. Wightman Travel Scholarship (\$1000)
School of Graduate Studies, McMaster University |
| 2015 | Travel Assistance Grant (\$500)
School of Graduate Studies, McMaster University |
| 2015 | Graduate Student Travel Award (\$120)
Archaeological Institute of America |
| 2014 | Robert P. Wolff Thesis Prize
Society for Philosophy & Culture, McMaster University |
| 2014 | McMaster University Travel Scholarship for OpenCon 2014 (\$2500, declined)
McMaster University Library, McMaster University |
| 2012 | Dean's Honour List
Carleton University |
| 2012 | Michael Kelway Oliver Scholarship (\$2000)
Carleton University |
| 2011 | Full Tuition Scholarship (declined)
Digital Humanities Summer Institute, University of Victoria |

TEACHING


TEACHING ASSISTANT

- | | |
|-------------|---|
| 2020 | Curatorial Practice (MSL 2000)
Faculty of Information, University of Toronto |
| 2017 – 2020 | Representing, Documenting, and Accessing the Cultural Record (INF 1321)
Faculty of Information, University of Toronto |
| 2017 | Information Policy, Regulation and Law (INF 2181)
Faculty of Information, University of Toronto |
| 2016 | Archaeology and Popular Culture (ANTH 2PC3)
Department of Anthropology, McMaster University |
| 2014 – 2015 | World Archaeology (ANTH 2WA3E)
Department of Anthropology, McMaster University |
| 2012, 2015 | Introduction to Anthropology: Identity, Race and Power (ANTH 1AB3E)
Department of Anthropology, McMaster University |

2013 **Introduction to Anthropology: Sex, Food and Death** (ANTH 1AA3)
Department of Anthropology, McMaster University

WORKSHOPS & SHORT COURSES

2022 **Using Qualitative Data Analysis Software**
The Ethnography Lab Methods Café: Software in Ethnographic Research Methods
Department of Anthropology, University of Toronto

2018 **Designing and Implementing Relational Databases**
Archaeological Information Interest Group
The Archaeology Centre, University of Toronto
 [zackbatist/archaeo-db-workshop](https://github.com/zackbatist/archaeo-db-workshop)

OUTREACH

2022 – present **Personal blog**, blog.zackbatist.info
Posts about my research and professional activities

ACADEMIC SERVICE & AFFILIATIONS

COMMUNITY LEADERSHIP

2018 – present **Founder and Maintainer**, open-archaeo.info
Index of open source archaeological software and resources

2022 – present **Community Moderator**, archaeo.social
Mastodon instance and social media collective for archaeology

2022 **Peer Mentor**, UofT Coders Peer Mentorship Program
UofT Coders, University of Toronto

2017 – 2021 **Founder and Coordinator**, Archaeological Information Interest Group
The Archaeology Centre, University of Toronto

2013 – 2014 **Webmaster**, Nexus: The Canadian Student Journal of Anthropology
Department of Anthropology, McMaster University



COMMITTEES

2019 – 2020 **Graduate Student Union Faculty Representative**
Faculty of Information Doctoral Student Association, University of Toronto

2016 – 2019 **Tech Fund Committee Member and Coordinator**
Faculty of Information Doctoral Student Association, University of Toronto

2013 – 2014 **Graduate Student Association Faculty Representative**
Faculty of Social Sciences, McMaster University

CONFERENCE & PANEL ORGANIZER

- 2023 **archaeo.social: archaeology in the Fediverse and the future of scholarly social media**
Panel convened for [ArcheoFOSS XVII](#) with Joe Roe
Department of Historical Studies, University of Turin
 [archaeo-social/archeofoss23_fediverse](#)
 [10.5281/zenodo.10362684](#)
- 2014 **Second Annual Interdisciplinary Colloquium**
Co-organized with Priscilla Medeiros
Faculty of Social Sciences, McMaster University

INTEREST GROUPS

- 2018 – present Scientific Scripting Languages in Archaeology Special Interest Group ([sslarch.github.io](#))
Computer Applications in Archaeology
- 2018 – 2022 UofT Coders ([uoftcoders.github.io](#))
University of Toronto
- 2018 – 2019 Digitality Reading Group
University of Toronto
- 2017 – 2019 Archaeological Theory Interest Group
The Archaeology Centre, University of Toronto

CERTIFICATIONS

- The Carpentries Instructor Training

REVIEWER

- Open Information Science
- Computer Applications in Archaeology

LANGUAGES

- English** Mother tongue
- French** Basic reading and writing