

# Zachary Batist

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

## EDUCATION

2016 – present    **PhD**, Faculty of Information, University of Toronto  
2012 – 2014      **MA**, Department of Anthropology, McMaster University  
2009 – 2012      **BA**, Directed Interdisciplinary Studies, Carleton University  
2007 – 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 – present    **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 & Roe, J. **Open archaeology, open source? Collaborative practices in an emerging community of archaeological software engineers.** Internet Archaeology.  
in review        Batist, Z & Roe, J. **open-archaeo: a resource for documenting archaeological software development practices.** Journal of Open Archaeological Data.

- 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)





## 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](https://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)
- 2018 **FetchAbstracts.R**  
 A small script that reads DOIs from a bibtex file, fetches abstracts from Crossref when they are available, and exports another bibtex file with that added info.  
 [zackbatist/bfeaa66b64c7afe749a7f5c6f9e596c2](https://github.com/zackbatist/bfeaa66b64c7afe749a7f5c6f9e596c2)

## OPEN DATASETS

- 2018 – present **open-archaeo** A list of open source archaeological software and resources. [10.5281/zenodo.7666729](https://doi.org/10.5281/zenodo.7666729)  
 [zackbatist/open-archaeo](https://github.com/zackbatist/open-archaeo)  
 [open-archaeo.info](https://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/](https://zackbatist.github.io/DObsiSS/)

## CONFERENCE PRESENTATIONS

- 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.
- 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)

## ACADEMIC SERVICE & AFFILIATIONS

### COMMUNITY SERVICE

- 2018 – present    **Founder and Maintainer**, [open-archaeo.info](https://open-archaeo.info)  
 Index of open source archaeological software and resources
- 2022 – present    **Community Moderator**, [archaeo.social](https://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

### 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 ORGANIZER

- 2014      **Second Annual Interdisciplinary Colloquium**  
 Faculty of Social Sciences, McMaster University

### INTEREST GROUPS

- 2018 – present    Scientific Scripting Languages in Archaeology Special Interest Group, Computer Applications  
 in Archaeology
- 2020 – 2022      UofT Coders

### CERTIFICATIONS

- The Carpentries Instructor Training

## REVIEWER

- Open Information Science

## LANGUAGES

**English**     Mother tongue

**French**     Basic reading and writing