

# Zack Batist

## Education

- 2016 – Present      Ph.D – Information Studies  
University of Toronto, Toronto  
Supervisor: Dr. Costis Dallas
- 2012 – 2014        M.A. – Anthropology  
McMaster University, Hamilton  
Thesis: Obsidian Circulation Networks in Southwest Asia and Anatolia (12,000 - 5700 B.P.): A Comparative Approach  
Supervisor: Dr. Tristan Carter
- 2009 – 2012        B.A. – Directed Interdisciplinary Studies, High Honours  
Carleton University, Ottawa  
Thesis: Feasting In Bronze Age Greece: A Network Analysis Approach  
Supervisor: Dr. Shawn Graham, Department of History
- 2007 – 2009        D.E.C. – Social Sciences  
Dawson College, Montreal

## Research & Teaching Interests

- Construction, maintenance and interoperability of archaeological data
- The history, philosophy and sociology of archaeology and other scholarly disciplines
- Science and technology studies
- Human ⇌ technology interaction
- Theoretical implications of semantic web technologies
- Regional and multi-site archaeological analysis, especially with regards to network analysis, geo-spatial analysis, and other computational methods
- Procurement and utilization of raw materials, as a vector for understanding long-distance interaction and exchange throughout prehistory
- Chemical characterization and sourcing of obsidian artefacts
- Representation of archaeology in science fiction and fantasy

## Publications

2017 Tristan Carter, **Zachary Batist**, Kathryn Campeau, Yosef Garfinkel & Katharina Streit. 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. DOI:10.1016/j.jasrep.2017.08.016.

2014 Kyle P. Freund & **Zack Batist**. 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. DOI:10.1080/15564894.2014.881937.

2009 Martin Loignon, Weimin Miao, Lianggao Hu, Amélie Bouchard, Tarek A. Bismar, P. James Scrivens, Koren Mann, Mark Basik, Pierre Fiset, **Zachary Batist** and Gerald Batist. 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. DOI:10.1158/1535-7163.MCT-08-1186.

## Research Experience

- 2016 - 2018        Database Manager  
Stélida Naxos Archaeological Project  
Supervisor: Dr. Tristan Carter
- 2009                Research Assistant  
Redpath Museum, McGill University  
Supervisor: Dr. Mitch Irwin
- 2007 – 2009        Research Assistant  
Molecular Pharmacology Laboratory, Lady Davis Institute for Medical Research  
Supervisor: Dr. Wilson Miller

## **Teaching Experience**

2017 Fall	Teaching Assistant, University of Toronto Representing, Documenting, and Accessing the Cultural Record (INF 1321)
2017 Winter	Teaching Assistant, University of Toronto Information Policy, Regulation and Law (INF 2181)
2016 Fall	Teaching Assistant, University of Toronto Data Analytics (INF 2190)
2016 Winter	Teaching Assistant, McMaster University Archaeology and Popular Culture (ANTH 2PC3)
2015 Fall	Teaching Assistant, McMaster University World Archaeology (ANTH 2WA3E)
2015 Winter	Teaching Assistant, McMaster University Introduction to Anthropology: Identity, Race and Power (ANTH 1AB3E)
2014 Fall	Teaching Assistant, McMaster University World Archaeology (ANTH 2WA3)
2014 Winter	Teaching Assistant, McMaster University World Archaeology (ANTH 2WA3)
2013 Fall	Teaching Assistant, McMaster University Introduction to Anthropology: Sex, Food and Death (ANTH 1AA3)
2012 Fall	Teaching Assistant, McMaster University Introduction to Anthropology: Identity, Race and Power (ANTH 1AB3)

## **Academic Service & Other Professional Experience**

2016 – 2018	Tech Fund Committee Member Doctoral Student Association, Faculty of Information, University of Toronto
2012 – 2016	Webmaster Nexus: The Canadian Student Journal of Anthropology
2013 – 2014	Faculty Representative – Social Sciences Graduate Students Association, McMaster University
2010	Web Design Segal Cancer Centre, Jewish General Hospital
2008 – 2009	Distribution Manager The Plant: Dawson College's Student Press

## **Conferences & Workshops**

Z. Batist  
Documenting archaeological knowledge construction as distributed information practices. Paper presented at the 46<sup>th</sup> Computer Applications and Quantitative Methods in Archaeology Conference (CAA 2018). Tübingen, Germany, March 2018.

### **Z. Batist & C. Dallas**

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.

T. Carter, K. Campeau, **Z. Batist**, Y. Garfinkel, D. Rosenberg, Y. Rowan & K. Streit  
Social Interaction at Distance Over the Long Term: Obsidian Sourcing from the Southern Levant (9<sup>th</sup> – 4<sup>th</sup> millennia cal BC). Paper presented at the Society for American Archaeology 82<sup>nd</sup> Annual Meeting. Vancouver, British Columbia, March – April 2017.

Z. Batist  
Identifying Obsidian Procurement Habits during the Pre-Pottery Neolithic in the Levant using Network Analysis. Poster presented at the Archaeological Institute of America 118<sup>th</sup> Annual Meeting. Toronto, Ontario, January 2017.

Z. Batist  
The Database of Obsidian Sourcing Studies (DObsiSS): Using Git for Collaborative Management of Archaeological Data. Poster presented at the American Archaeological Institute 116<sup>th</sup> Annual Meeting. New Orleans, Louisiana, January 2015.

Z. Batist

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.

Z. Batist

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 115<sup>th</sup> Annual Meeting. Chicago, Illinois, January 2014.

K. Freund & **Z. Batist**

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, November 2013.

Z. Batist

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, September 2013.

Z. Batist

Using Network Analysis to Investigate Regional Interaction in Southwest Asia and Anatolia from the Epi-Palaeolithic to the Chalcolithic Periods. First Graduate Student Social Science Speaker Series. McMaster University, March 2013.

Z. Batist

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, March 2012.

### **Honours & Awards**

2014 August	Robert P. Wolff Thesis Prize Society for Philosophy & Culture, McMaster University
2012 June	Dean's Honour List Carleton University
2012 June	Michael Kelway Oliver Scholarship Carleton University
2007 April	Concordia University Department of Chemistry and Biochemistry Award Montreal Regional Science and Technology Fair
2007 April	Concordia University Faculty of Arts and Sciences Award Montreal Regional Science and Technology Fair
2007 April	Gold Medal Montreal Regional Science and Technology Fair
2006 June	Certificate of Excellence - Canadian History Award Provincial Association of Social Science Teachers

### **Grants & Scholarships**

2017 September	Joseph and Maria Shaw Graduate Student Travel Award [\$500] The Archaeology Centre, University of Toronto
2015 September	McMaster University Travel Scholarship for OpenCon 2015 [\$2,500] McMaster University Library
2015 July	GSA Travel Assistance Grant [\$500] School of Graduate Studies, McMaster University
2015 April	Edith M. Wightman Travel Scholarship [\$1,000] School of Graduate Studies, McMaster University
2015 January	Graduate Student Travel Award [\$120] Archaeological Institute of America

2014 October	McMaster University Travel Scholarship for OpenCon 2014 [Declined] McMaster University Library
2013 December	Graduate Student Travel Award [\$120] Archaeological Institute of America
2013 September	GSA Travel Assistance Grant [\$500] School of Graduate Studies, McMaster University
2013 April	Edith M. Wightman Travel Scholarship [\$1,000] School of Graduate Studies, McMaster University
2011 November	Full Tuition Scholarship [Declined] Digital Humanities Summer Institute, University of Victoria

### **Languages**

- Bilingual English and French
- Greek (moderate fluency)
- Hebrew (moderate fluency)

### **Other Unique Skillsets**

- Web design
- Database management
- Geographic information systems
- Statistical computing & network analysis