

Zack Batist

Education

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| 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
- 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
- Human \rightleftharpoons technology interaction

Publications

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| 2014 | Zack Batist . DObsiSS: The Database of Obsidian Sourcing Studies. ZENODO. http://dx.doi.org/10.5281/zenodo.55848 |
| 2014 | Kyle P. Freund & Zack Batist . Sardinian Obsidian Circulation and Early Maritime Navigation in the Neolithic as Shown through Social Network Analysis. <i>Journal of Island and Coastal Archaeology</i> 9(3):364-380. |
| 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. <i>Molecular Cancer Therapeutics</i> 8(8):2432-2440. |

Research Experience

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| 2016 - 2017 | Database Manager Stélida Naxos Archaeological Project, McMaster University Supervisor: Dr. Tristan Carter |
| 2015 July | Fieldworker Kissonerga-Skalia, Cyprus Directed by Dr. Lindy Crewe, University of Manchester |
| 2015 June | Fieldworker Ais Yiorkis, Cyprus Directed by Dr. Alan Simmons, University of Nevada at Las Vegas |
| 2011 June | Fieldschool Participant Tel Dor, Israel Directed by Dr. Sarah Stroup, University of Washington |

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| 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

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| 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) |

Other Academic Work & Professional Experience

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| 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

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| <u>Presenter</u> | |
| 2017 January | Identifying Obsidian Procurement Habits during the Pre-Pottery Neolithic in the Levant using Network Analysis Annual Meeting 2017 – Toronto The Archaeological Institute of America |
| 2015 January | The Database of Obsidian Sourcing Studies (DObsiSS): Using Git for Collaborative Management of Archaeological Data Annual Meeting 2015 – New Orleans The Archaeological Institute of America |
| 2014 March | 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.) Archaeological Sciences and the Ancient Mediterranean Environment The Archaeological Centre, University of Toronto |
| 2014 January | Using Network Analysis to Examine Relative Resource Procurement Strategies in Anatolia and Southwest Asia from the Epipaleolithic to Chalcolithic Periods (14,000 – 5700 BP) Annual Meeting 2014 – Chicago The Archaeological Institute of America |

- 2013 November Tracking the Circulation of Sardinian Obsidian using Network Analysis: Lithic Procurement, Cultural Interaction, and Early Maritime Navigation in the Neolithic
Networks of maritime connectivity in the ancient Mediterranean: Structure, continuity, and change over the longue durée
The Archaeology Centre, University of Toronto
- 2013 September Using network analysis to examine obsidian assemblage variability in Anatolia and Southwest Asia from the Epi-Palaeolithic to Chalcolithic periods (14000 – 5700 BP)
The Future of Historical Network Research Conference
Historical Network Research, University of Hamburg
- 2013 March 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
Graduate Student Association, McMaster University
- 2012 March Eat, Drink and Be Networked: Feasting and Bronze Age Networks
Invited Panelist – Colloquium on Digital History and the Transnational History of Nursing
Department of History, Carleton University

Participant

- 2015 November OpenCon 2015
The Right to Research Coalition & The Scholarly Publishing and Academic Resources Coalition (SPARC)
- 2013 September The Connected Past: Network Analysis for Archaeologists and Historians
The Connected Past, University of Southampton
- 2013 September Twelfth Mathematics of Networks meeting
Southampton Statistical Sciences Research Institute & The Southampton Initiative in Mathematical Modelling, University of Southampton
- 2011 October THAT Camp: The Humanities and Technology Camp
Ryerson University

Organizer

- 2014 March The 2nd Annual Social Science Multidisciplinary Colloquium
Graduate Students Association, McMaster University

Honours & Awards

- 2015 September McMaster University Travel Scholarship for OpenCon 2015
McMaster University Library
- 2015 July GSA Travel Assistance Grant
School of Graduate Studies, McMaster University
- 2015 April Edith M. Wightman Travel Scholarship
School of Graduate Studies, McMaster University
- 2015 January Graduate Student Travel Award
Archaeological Institute of America
- 2014 October McMaster University Travel Scholarship for OpenCon 2014 [Declined]
McMaster University Library
- 2014 August Robert P. Wolff Thesis Prize
Society for Philosophy & Culture, McMaster University
- 2013 December Graduate Student Travel Award
Archaeological Institute of America
- 2013 September GSA Travel Assistance Grant
School of Graduate Studies, McMaster University
- 2013 April Edith M. Wightman Travel Scholarship
School of Graduate Studies, McMaster University
- 2012 June Dean's Honour List
Carleton University
- 2012 June Michael Kelway Oliver Scholarship
Carleton University

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| 2011 November | Full Tuition Scholarship [Declined] Digital Humanities Summer Institute, University of Victoria |
| 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 |

Languages

- Bilingual English and French
- Hebrew (reading, writing and verbal comprehension)
- Ancient Greek (reading and writing)

Other Unique Skillsets

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