

Brandon Zinsious

Curriculum Vitae

University of Louisville

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Department of Anthropology

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Research Gate Profile at https://www.researchgate.net/profile/Brandon_Zinsious?ev=hdr_xprf

EDUCATION

Graduate studies, University of Louisville, Louisville, KY, USA

2013-2016 Current Master's candidate in Anthropology

➤ MA Expected in December 2016

Undergraduate studies, University of Louisville, Louisville, KY, USA

2009-2013 Double Major in Anthropology and Biology

➤ BA awarded in May 2013

POSITIONS HELD (* On-Going)

2015-2016* Graduate Research Assistant. University of Louisville Portuguese Studies Program. Research focused on the Middle and Upper Paleolithic in Iberia.

2014-2015 Grade Setter for Survey Engineers at Charah Inc. Learned Trimble survey equipment and landscape survey methods.

2013-2016* Field Archaeologist. Corn Island Archaeology (CRM). Surveyed and excavated multiple Archaic, pre, and post-colonial sites. Learned lab methods, report writing, and field planning.

RESEARCH ORGANIZATION MEMBERSHIP

2016 ICArEHB

Interdisciplinary Center for Archaeology and Evolution of Human Behaviour.
Interdisciplinary research center. Universidade do Algarve, Portugal. Position: Graduate student/ Researcher.

TEACHING EXPERIENCE

2016 Graduate Teaching Assistant. Archaeology Field School (ANTH 377) at Lapa do Picareiro, Portugal, for the University of Louisville.

2015 Graduate Teaching Assistant. Archaeology Field School (ANTH 377) at Lapa do Picareiro, Portugal, for the University of Louisville

RESEARCH AND FIELD EXPERIENCE (* On-Going)

2012-2016* Neanderthal and Modern Human Response to Environmental Change at the Middle to Upper Paleolithic Transition, *Lapa do Picareiro*, Portugal

Middle and Upper Paleolithic Cave Site. NSF funded. Director: Jonathan Haws. Positions/ Duties: Graduate Research Assistant, Field School TA, Field Technician. Aided in excavations, general lab work, remote sensing data collection, adapted and implemented a new piece proveniencing and spatial data collection methods, translated previous 20 years of analog data to a new absolute coordinate system, post-collection LiDAR manipulation, Photogrammetric modeling, and spatial analysis of specific geological layers. **Totaling over five months in the field and almost continuous post collection work processing GIS data since 2013.**

2016* *Inhambane*, Mozambique

Survey of coastal areas for Middle and Late Stone Age Sites. Director: Jonathan Haws, Nuno Bicho. Position/ Duties: Collected aerial images using an Unmanned Aerial System, created maps of the survey area, and of diatom sampling areas. Aided in general survey and artifact/ sample collection. Totaling two weeks in the field. Post season data analysis still underway.

2015-2016* *Massingier*, Mozambique

Survey and Testing of Middle and Late Stone Age sites. Director: Jonathan Haws, Nuno Bicho. Position/ Duties: Collected aerial images for the creation of landscape models and orthophotos to aid in mapping sites using Unmanned Aerial Systems (Arch Aerial quad copter and DJI Phantom 3 Pro). Designed the layout and set up of a new archaeological site for future excavation. Aided in general survey, artifact collection, and OSL sample collection. Totaling six weeks in the field. Post season modeling and site mapping part of weekly work load since 2015.

2014 *Niassa*, Mozambique

Survey and Testing of Middle and Late Stone Age sites. Director: Jonathan Haws. Position/ Duties: Collected aerial images using Unmanned Aerial Systems to supplement the pedestrian survey (DJI Phantom II quad copter). General pedestrian survey. Field technician. Totaling four weeks in the field.

2014 *Body in a Box*, University of Louisville

Independent study. Supervised by Phil DiBlasi. Identifying, articulating, photographing, cataloguing, and storing human remains.

2013-2016* *Big Bat Cave*, LiDAR Collection, Kentucky, USA

Field collection of LiDAR installments for Kentucky Karst Conservancy with Qk4. Collecting, processing, and viewing LiDAR point clouds. Recently started applying photogrammetry to underground geological features.

- 2013-2016** *Multiple Sites, CRM. Corn Island Archaeology. Louisville, KY, USA*
- Archaic and historical Sites. Position/ Duties: Field Technician and report writer. General survey, Phase I, II, and III excavations. Artifact cleaning, identification, storage, and curation. On-going.
- 2012-2013** *Lagoa Seca, Portugal*
- Survey and Testing for Paleolithic Archaeological material near the known site of Lagoa Seca. Director: Jonathan Haws. Positions/ Duties: Field Technician. Aided in general duties, survey, and excavating test pits.
- 2012-2013** *Large Scale Survey, Central Portugal*
- Survey and testing for Paleolithic Archaeological material in multiple locations throughout central Portugal. Director Jonathan Haws. Positions/ Duties: Field Technician. Aided in general survey.
- 2012** *Praia Rei Cortico, Portugal*
- Middle and Upper Paleolithic Coastal Site. NSF funded. Director: Jonathan Haws. Position/ Duties: Field Technician. Aided in general excavation duties and coastal survey. Totalling four weeks in the field.

PRESENTATIONS (* invited)

- 2017*** **Brandon Zinsious**, Jonathan Haws. *Lapa do Picareiro and the Gravettian-Solutrean Transition: Refining the Chronology of the Solutrean Techno-complex in Western Iberia*. Paper submitted and to be presented at the annual meeting for the Society for American Archaeology (SAA). Session Title: Upper Paleolithic Transitional ‘Moments’ on the Iberian Peninsula.
- 2016** Jonathan Haws, Michael M. Benedetti, Nuno Bicho, Celia Goncalves, Joao Cascalheira, Mussa Raja, **Brandon Zinsious**, Milena Carvalho, Elena Skosey-Lalonde, Iona Benedetti, Joao Marreiros, Telmo Pereira, and Ana Gomes. *Stone Age Archaeology and Quaternary Landscapes in Southern Mozambique*. Poster presented at the conference for The Geological Society of America (GSA).
- 2016** **Brandon Zinsious**, Jonathan Haws. *Applications of Unmanned Aircraft Systems and Photogrammetry in Archaeological Survey for Middle and Late Stone Age Sites in Southern Mozambique*. Poster presented at the annual meeting of the Society of African Archaeologists (SAFA).
- 2016** **Brandon Zinsious**, Jonathan Haws. *Photogrammetry at Lapa do Picareiro: 3D Modeling of a Middle and Upper Paleolithic Cave Site*. Poster presented at the annual meeting for the Society for American Archaeology (SAA).
- 2016*** **Brandon Zinsious** *Recording and Displaying Spatial Information*. Archaeological Methods. University of Louisville.
- 2016** **Brandon Zinsious** *Photogrammetry a Lapa do Picareiro: Innovative Techniques for Recording Spatial Information at a Paleolithic Site*. Poster presented at the Graduate Student Counsel Interdisciplinary Research Conference. University of Louisville.

- 2016*** **Brandon Zinsious** *Lapa do Picareiro: An Introduction to a Paleolithic Excavation*. Falls of the Ohio Archaeological Society.
- 2015** **Brandon Zinsious**, Jonathan Haws. *Unmanned Aerial Vehicle in Archaeological Survey: Results from Portugal and Mozambique*. Poster presented at the annual meeting for the Society for American Archaeology (SAA).
- 2015** Celia Goncalves, Joao Cascalheira, Vera Aldeias, Mike Benedetti, Jonathan Haws, Omar Madime, Mussa Raja, Telmo Pereira, **Brandon Zinsious**, Nuno Bicho. *GIS and archaeological survey data for the reconstruction of Stone Age settlement patterns in the Lunho valley (Niassa, Mozambique): preliminary results*. Poster presented at the annual meeting for the Society for American Archaeology (SAA).
- 2015** **Brandon Zinsious** *A Bird's Eye View: Unmanned Aerial Vehicles in Archaeological Survey*. Poster presented at the Graduate Student Council Research Conference. University of Louisville.

UNIVERSITY SERVICE AND PROFESSIONAL DEVELOPMENT

- 2013-2016** Anthropology Graduate Student Association (AGSA), University of Louisville
- President (Two Terms: 2014-2015, 2014-2015)
 - Treasurer (2013-2014)
- 2013** Kentucky Association of Mapping Professionals (KAMP).
- Completed course on LiDAR manipulation in ArcGIS suite.
- 2011-2015** Sigma Phi Epsilon, University of Louisville
- Alumni Counselor for Current Members (2013-2015)
 - Coordinator for the Phi Leadership Continuum Class (2012)
 - Social Chair (2011)

SPECIALIZED SOFTWARE/ HARDWARE PROFENCIENCY

- ArcGIS suite of programs (Map, Scene, Catalogue)
- Agisoft Photoscan
- Meshlab
- 3ds max
- Excel
- ENVI
- TRIMBLE GPS and Survey Instruments
- Sokkia Total Stations
- Oldstoneage.com edm for total station data collection
- Maker Bot Proprietary Software for 3D Printing

