

## CURRICULUM VITAE (CV)

ABRAHAM ZERAI

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### MA ARCHAEOLOGICAL MATERIALS SCIENCE

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### ACDAMIC RECORDS

Archaeological Materials Science (MA)	University of Évora (Uevora)	Year completed: 2015
Archaeology and Anthropology (BA)	University of Asmara (UOA)	Year completed: 2006

### PUBLICATIONS

**2018:** Towards Materials Science Approach for Cultural Heritage: Requirements and Limitations in the Eritrean Context, Proceedings of the International Conference on Eritrean Studies.

**2016:** Mental Illness in a Cultural Sense- *Journal of Eritrean Studies* 2016 Vol.7:2.

**2008:** The Archaeological Potential of the Western Lowlands of Eritrea and Its implications on Eritrea's Prehistory, in *Archaeo-Historical Research in Eritrea*. National Museum of Eritrea. *Hdri Publishers*. Asmara.

### PAPERS PRESENTED

**2016:** Schiavon, N., **Abraham Zerai**, Beltrame, M., Pedro Barrulas, Pinto, I.V., Candeias, A., Mirão, J. Archaeometric Study of Lusitanian Amphorae from Troia's Peninsula, Portugal. In IMEKO International Conference, Metrology for Archaeology and Cultural Heritage, Torino, Italy October 19-21, 2016.

**2016:** Towards Materials Science Approach for Cultural Heritage: Requirements and Limitations in the Eritrean Context, In International Conference on Eritrean Studies, *the Way Forward*, July 20-22, 2016, Asmara, Eritrea.

**2016:** Key Issues in Management and Conservation of Eritrea's Cultural Heritage, Workshop Organized by the Commission of Culture and Sports, May, 2016, Asmara, Eritrea.

**2011:** Paper presentation: "*The Rock Art Sites in Qohaito Cultural Landscape*". Workshop on the Nomination of the Qohaito Cultural Landscape to World Heritage List. 2<sup>nd</sup>-5<sup>th</sup> August, 2011.

## CONFERENCES, WORKSHOP AND TRAINING

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**2016:** Participated in the International Conference for Eritrean Studies, *The Way Forward*, July 20-22, 2016 Asmara, Eritrea.

**2015:** XI Archaeometry Congress of the Iberian Peninsula, October, 2015, Évora, Portugal

**2015:** Participated in Thematic Intensive School on Conservation Science: Ceramic Materials. June 26- July 1, 2015, Toledo, Spain

**2014:** ARCHMAT Summer School, 8-14 September, Fes, Morocco

**2013:** Participated in Workshop on Lusitanian Amphora, October, 2013, Troia, Portugal.

**2013:** Workshops for Inclusion of Asmara Heritage Property and Qohaito Cultural Heritage in the World Heritage List, May, 2013 Asmara, Eritrea.

**2011:** Workshop on the Nomination of Qohaito Cultural Landscape to World Heritage List. 2nd -5th August, 2011. Asmara, Eritrea.

## FIELD AND LABORATORY WORKS

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**2016:** Participated in the Buya Eritrean- Italian Anthro- Archaeological and Geo- Paleontological Research, November 10- November 23, 2016.

**2016- Present:** Supervisor, Undergraduate Thesis Works (2) as part of a Part-time engagement in the Department of Anthropology and Archaeology, College of Arts and Social Sciences, Adi-Keyih, Eritrea.

**2016:** Coordinated Inventory and Condition Survey of Rock Art Sites around Mai-Aini region of Eritrea, February-April, 2016.

**2015- Present:** Rejoined the National Museum of Eritrea as Assistant Director for Research.

**2015:** Conducted Laboratory Analysis for Archaeometric Analysis of Amphorae Assemblages using Petrographic Microscopy, Scanning Electron Microscope, X-ray Diffraction and Inductively Coupled Plasma Mass Spectrometry, February- September, 2015 at Hercules Laboratory, Évora, Portugal.

**2014:** Participated in In situ analysis of 16<sup>th</sup> Century Masterpiece using Portable X-ray Fluorescence at the Capitolini Museum, November, 2014 Rome, Italy.

**2013:** Member of Core Team to prepare Nomination Dossier for the Qohaito Cultural Landscape, Eritrea to be included in the World Heritage List, February–May 2013 .

**2012-2013:** Participated in successive Phases for social impact assessment of archaeological sites in Colluli Potash concessions, November 2012-February 2013.

**2012:** Prepared proposals for social impact assessment of archaeological sites in Colluli Potash Concessions, in South Eastern Eritrea, October, 2012.

**2012:** Participated at the Second phase excavation and survey works of the Ancient Port City of Adulis, January 10- February 15, 2012.

- 2012:** Participated in excavations in Buia paleontological site, November 15-December 15, 2012.
- 2011:** Participated in rescue excavations in the archaeological sites affected by mining footprints of Sun Ridge Gold mines in Debarwa, Southern Eritrea, July-August 2011.
- 2011:** Participated in Joint Eritrean-Italian venture and archaeological excavations in the Site of Adulis, Eritrea.
- 2010:** Archaeological field research on the Paleoanthropological Sites on the Danakil depression (Buia and Mulhuli-Amo) of Eritrea. November 15-December 15, 2010.
- 2008:** Participated in subsequent phases of preparation of Qohaito Archaeological site Management Plan.
- 2007-08:** Bisha Archaeological baseline and feasibility study as part of the mining environmental Assessments. Funded by Bisha Mining Share Company.
- 2006-07:** Participated in Middle- Late Stone Age lithic analysis work under Supervision of Amanuel Beyin(PhD), from Stony Brook University as part of his Doctoral Project, November 2006- January 2007.
- 2006:** Participated in archaeological Surveys of Prehistoric Sites of Gulf of Zula, Eritrea, October-November, 2006.
- 2006- 2013:** Worked in the National Museum of Eritrea, August 2006-August 2013.

## **POSITION HONORED and Academic**

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**November 2018---** PhD Fellow, Tech 4 Culture, University of Torino, Department of Physics

**2017- October 2018:** Archaeology and Anthropology Research Division, Commission of Culture and Sports, Eritrea

**2015- 2018:** Director of Research Division at the National Museum of Eritrea.

**2015:** MA Award: Mention of Excellent and Classification of A on European Comparable Scale

**2007:** BA Award: With Distinction Honors

## **PROFESSIONAL MEMBERSHIP**

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**Since 2015:** Member of the Eritrean World Heritage Committee.

**Since 2013:** Member of the Core team -"Qohaito Cultural Landscape Nomination on the World Heritage List"  
-representing the National Museum of Eritrea.

## **INTERVIEWS**

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**2015:** Live interview with the Eritrean State Television regarding the "Public Participation in Heritage"

**2010:** Live Interview with Eritrean State Television. Eritrea At a Glance: Archaeological Heritage and Tourism

## INTERNATIONAL FUNDS

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**November 2018--** Marie Curie H2020-MSCA-COFUND

**October 2013 – October 2015:** Full Scholarship fund from the European Union (Erasmus Mundus) for a Masters Study at the University of Évora, Portugal.

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**REFERENCES AND FURTHER INFORMATION**.....*will be available on request!*