

Magdalena Dorothea Blanz

Postdoctoral Research Fellow, Vienna Institute for Archaeological Science



Research Interests:

stable isotope ratio and trace element analyses, palaeoecology, palaeodiets, palaeoenvironments and environmental processes, method development, seaweed

Professional Experience

2020-2024 Postdoctoral Fellow

Vienna Institute for Archaeological Science, University of Vienna

2020-2022 Research Project: Farmers without Borders - Ecological perspectives on the spread of animal husbandry from the Mediterranean to southeast Europe (6500-5500 BC)

Supervisor: Prof. Maria Ivanova-Bieg

2021 Research Secondments: 3 months at the Muséum national d'Histoire naturelle, Paris, France

2019-2020 Relief Lecturer in Archaeology

Orkney Archaeology Institute, University of the Highlands and Islands, Scotland

2016-2021 Honorary Research Fellow in Chemistry

University of Aberdeen, Scotland

Education

2016 - 2020 Doctor of Philosophy (PhD)

Orkney Archaeology Institute, University of the Highlands and Islands, Scotland

Award Date: 29th October 2020

Thesis title: Seaweed as food, fodder, and fertiliser: Methods of identification, impacts, and implications of past seaweed use in archaeology

Supervisors: Prof. Ingrid Mainland, Dr Mark Taggart, Dr Philippa Ascough, Prof. Jörg Feldmann

2019 Research Secondments: Muséum national d'Histoire naturelle, Paris, France

2019 Research Secondments: Environmental Research Institute Thurso, Scotland

2018 Research Secondment: Radiocarbon Laboratory SUERC, Glasgow, Scotland

2017-2020 Research Secondments: Trace Element Speciation Laboratory Aberdeen, Scotland

2011 - 2016 Master of Chemistry (MChem), First Class Honours

University of Aberdeen, Scotland

Thesis title: Chemical Analytical Methods for Determining the Diagenetic Status of Skeletal Remains with respect to Strontium Isotope Ratio Measurements (⁸⁷Sr/⁸⁶Sr)

Supervisor: Prof. Thomas Prohaska

2016 Erasmus placement at the University of Natural Resources and Life Sciences, Vienna, Austria

2015 Summer internship at the Otto Schott Institute of Materials Research, Jena, Germany

2014 Summer studentship at the Trace Element Speciation Laboratory Aberdeen, UK

Awards and Prizes

- 2018 **Best paper award at the Association for Environmental Archaeology (AEA) conference, Aarhus, Denmark**
- 2017 **Presentation prize at UHI research conference, Oban, Scotland**
- 2017 **Poster prize at UK Archaeological Society (UKAS) conference, London, England**
- 2016 **Poster prize at UHI research conference, Inverness, Scotland**
- 2016 **William Rudolph Center Medal**
- 2016 **David Christie Memorial Prize**
- 2015 **Aberdeen Quincentenary Prize**
- 2015 **R.A. Chalmers Prize for Analytical Chemistry**
- 2014 **Harry Shalgosky Award**
- 2014 **Royal Society of Chemistry Prize in Analytical Chemistry**
- 2013 **Archibald Clow Prize**
- 2012 **OUP Achievement in Chemistry Prize**
- 2011 **DMV-Abiturpreis Mathematik**