

Roberto Ragno

PHD IN ARCHAEOLOGY

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Education

University of Bari 'Aldo Moro'

Bari, Italy

PHD QUANTITATIVE ARCHAEOLOGY

2020 - 2024

- Funded PhD Project: Peasants, Agriculture, and Environment in the 1st Millennium CE Italian Countryside: A Bayesian approach
- Supervisors: prof. Giuliano Volpe, prof. Paul Arthur

University College London

London, UK

MA ARCHAEOLOGY

2018 - 2019

- Graduated with a distinction.
- Supervisors: prof. Corisande Fenwick, prof. Louise Martin

University of Bologna

Bologna, Italy

BA ANCIENT HISTORY

2014 - 2018

- 107 out of 110.
- Supervisor: prof. Alessandro Cristofori

Employment

University of Bari 'Aldo Moro'

Bari, Italy

RESEARCH FELLOW

Dec. - Dec. 2024-2025

- Post-doc in 'Historical landscapes, population dynamics and agrarian strategies in northern coastal Apulia between the Roman Age and the Middle Ages'. Funded by the 'CHANGES' PNRR partnership (Code: PE0000020 - CUP: B83D22001210006).

Field Experience

ArchaeoSipontum

Manfredonia, Italy

UNIVERSITY OF BARI, UNIVERSITY OF FOGGIA

Sep. - Oct. 2021, 2022, 2024

- In addition to my responsibilities related to excavation tasks, I was involved in the supervision of students, the documentation of stratigraphic activities, the classification of pottery, the provision of tutoring, and the organisation of post-excavation activities. In 2024, I co-directed the *Northern Apulia Coastal Survey* in the vicinity of the site and curated the post-survey statistical analyses.

Biomolecular Archaeology Lab

UCL, London

VOLUNTEER

Oct 2019 - Nov. 2019

- I supported the preparation of bone samples for ZooMS analysis (labelling, photographing, weighing and drilling).

Salapia Exploration Project

Trinitapoli, Italy

UNIVERSITY OF FOGGIA, MCGILL UNIVERSITY

Jun. - Jul. 2015, 2017, 2018

- Excavation tasks, stratigraphic documentation and Roman/Medieval pottery classification.

Programma Vesuviana

Bologna/Pompeii, Italy

UNIVERSITY OF BOLOGNA

2017

- Research and documentation cooperating in particular to the activities of building analysis (identification, cataloguing, computerization of the stratigraphy of buildings occupying insulae IX 5, IX 8 and IX 9 of the archaeological site of Pompeii).
- Helped the scientific organisation of academic conferences.
- Personally developed a web app, connected to the project's database, that allows students to fill the excavation forms on-site through their phones or computers.

Other Professional Experience

CoNISMa

Bari, Italy

ARCHAEOLOGIST

Apr. - Jun. 2024

- Archaeological risk assessment for Hope Group floating wind farm project ('Nemetum Island') in the Gulf of Manfredonia.

Mount Gallery

ART GALLERY COORDINATOR · PART-TIME

London, UK

Dec. 2019 - Jul. 2020

- Researching and curating contemporary art exhibitions.
- Design and management of the gallery's website.

Research Visits

University of Cambridge

Cambridge, UK

VISITING RESEARCHER

Jan. - Apr. 2023

- Research stay at the McDonald Institute for Archaeological Research.
- Supervisors: dr. Enrico Crema (Archaeology), dr. Chris Stevens (Archaeology), dr. Caroline Goodson (History)
- Collaboration with the Encounter project.

Publications

- in press** Ragno, R. Apr. 2025. Peasants, Agriculture, and Environment in the 1st Millennium CE Italian Countryside: A Bayesian approach, Adrias, 19. Edipuglia, Bari.
- in press** Ragno, R. 2025. The transition from Late Antiquity to the Early Middle Ages in Northern Italy: an Environmental Archaeology Approach. In: Atti Del X Convegno Nazionale Di Archeozoologia (Siena, 2021). ArchaeoFauna, UAM Ediciones, Madrid.
- 2025** Ragno, R., 2025. Archaeobotanical Data from the Italian Peninsula in the 1st Millennium CE. *Journal of Open Archaeology Data* 13, 1-6. <https://doi.org/10.5334/joad.147>
- 2024** Ragno, R., 2024. Sheep and goats taxonomic abundance trends in 1st millennium CE southern Italy: Multilevel bayesian modelling of NISP datasets. *Journal of Archaeological Science* 171, 106068. [10.1016/j.jas.2024.106068](https://doi.org/10.1016/j.jas.2024.106068)
- 2023** Ragno, R. 2023. Cereal farming practices in Italy during the 1st millennium CE: An integrated approach to regionality. *Journal of Archaeological Science: Reports*, 52, 104287. <https://doi.org/10.1016/j.jasrep.2023.104287>
- 2023** Ragno, R. 2023. The Spoil Project. Assessing the Rate of Excavators' Accidental Ceramic Discard at the Archaeological Site of Siponto. *Archeologia e Calcolatori*, 34.2, 69-86. <https://doi.org/10.19282/ac.34.2.2023.04>
- 2023** Ragno, R. 2023. Towards a Philosophy of Archaeology. *Quaestio*, 23, 472-474. <http://doi.org/10.1484/J.QUAESTIO.5.134735>

Conferences

Approaches to the Roman Environment - Workshop

American Academy in Rome, Italy

SPEAKER

4 Mar. 2025

- Presentation: Tackling uncertainty in Italian agricultural practices during the 1st millennium CE

Patrimonio culturale al futuro: sostenibilità sociale, innovazione tecnologica, trasformazione digitale. Le ricerche in corso nel Progetto CHANGES

University of Roma Tre, Italy

SPEAKER

23-24 Jan. 2025

- Poster: Piepoli, L., Goffredo, R., Ragno, R. Northern Apulia Coastal Survey. Archeologia dei paesaggi costieri della Puglia settentrionale: problemi, metodi e risultati preliminari

BHDC 2023 – Big Historical Data Conference

Max Planck Institute of
Geoanthropology, Jena, Germany

SPEAKER

22-25 Nov. 2023

- Presentation: Understanding variation in zooarchaeological NISP data: Bayesian betabinomial models for Italian contexts in the 1st millennium CE

LAC 2022 – International Landscape Archaeology Conference

University of Iași, Romania

SPEAKER

13 Sep. 2022

- Presentation: Seeds of Change: An Integrated Approach to Regionality and Peasant Autonomy in 1st millennium CE Italy

AIAZ - 10th National Zooarchaeology Conference

University of Siena, Italy

SPEAKER

3-6 Nov. 2021

- Presentation: The transition from Late Antiquity to the Early Middle Ages in Northern Italy: an Environmental Archaeology Approach.

Teaching

Introduction to Statistics in Archaeology

University of Matera

GUEST LECTURER

Feb. 2024

- Lecture on the role of statistics in archaeology for the course in Archaeological Methods taught by Dr. Goffredo at the *Scuola di specializzazione in beni archeologici*.

Python vs R: an archaeological challenge

University of Bari

ORGANISER AND INSTRUCTOR

Mar. 2022

- Course open to MA and PhD students, providing an introduction to statistical programming languages and their use in archaeology and heritage studies.

Courses

Agent-Based Modeling for Archaeology

Aarhus University

ATTENDEE

Jan. 2024

- Introduction to ABM theory, archaeological simulation, and Netlogo programming.

Multidisciplinary Approaches to Identity and Social Structure in the Postclassical World

University of Padova

ATTENDEE

Apr. 2021

- Spring school: Lessons/Workshop discussing multidisciplinary research (paleopathologies, enthesal changes, dental enamel, stable isotopes, aDNA) on burial contexts.

GIS Courses (Basic-Intermediate-Advanced)

Udemy

ATTENDEE

Jan. - Apr. 2021

- Spatial data analysis, raster algebra, reclassification and georeferencing.

Cultural Heritage Computer Graphics School

Cineca, Bologna

ATTENDEE

Nov. 2017

- 3D Modelling of historical/cultural scenarios using Blender and Blend4Web.
- Photogrammetry using Agisoft Photoscan.

Advanced Lab of Preventive Archaeology

Rimini, Italy

ATTENDEE

Jun. 2017

- Data acquisition using topographical tools (total station, laser scanner, photogrammetry).
- Data processing with GPR Slice, Autocad Map 3D, Autocad, Recap.

Honors & Awards

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| 2025 | Winner , Edipuglia <i>Renzo Ceglie</i> Early Career Researcher Prize | Italy |
| 2022 | Culture della materia , In: Methodology of the Archaeological Research | University of Bari |
| 2022 | Culture della materia , In: Public Archaeology | University of Bari |
| 2020 | PhD scholarship , gross 16,243€/year (duration: 42 months) | University of Bari |
| 2019 | Winner , Bryan Clauson Prize for Roman Archaeology (80£) | London, UK |
| 2016 | Winner , Ecomap Scholarship (500€) | Italy |
| 2012 | Winner , Certamen 'Giustino Fortunato' (400€) | Rionero in Vulture, Italy |

Skills

Digital tools	QGIS, Office, Photoshop, Indesign, Premiere
Front-end	HTML, CSS, R Markdown
Programming	R, Python, LaTeX, SQL
Languages	Italian (Native), English (Fluent), French (Basic), Latin (Intermediate)

Licenses

Driving	A (EU), B (EU)
Drones	A1, A3 (EU, UK)