Roberto **Ragno**

PHD IN ARCHAEOLOGY

Dipartimento di Ricerca e Innovazione Umanistica · Università di Bari 'Aldo Moro'

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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

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.

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.

Professional Experience

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).

CoNISMa *Bari, Italy*

Archaeologist *Apr. - Jun. 2024*

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

Sonder *London, UK*

Hospitality Agent · Part-time *Jan. 2020 - Jul. 2020*

- Guests troubleshooting and point of contact, apartments quality assessment.

Mount Gallery *London, UK*

Art Gallery Coordinator · Part-time *Dec. 2019 - Jul. 2020*

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

Publications

forthcoming	Ragno, R. Late 2024/Early 2025. Peasants, Agriculture, and Environment in the 1st Millennium CE Italian Countryside: A Bayesian approach, Adrias, 19. Edipuglia, Bari.
forthcoming	Ragno, R. 2024. 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.
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
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

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

Speaker *23-24 Jan. 2025*

- Presentation: 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 Iaşi, 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.

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, entheseal 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.

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.

Honors & Awards

2022	**Cultore della materia**, In: Methodology of the Archaeological Research	*University of Bari*
2022	**Cultore 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)