





Joe Roe


I am a computational archaeologist using data science to understand the [economy and ecology of the first farmers in Southwest Asia](#). I also develop [research software](#) and [open data resources](#) that support reproducible quantitative analysis in archaeology.

View this CV online with links at <https://joeroe.io/cv>

Education

- 2017
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2013
- **Postgraduate studies**
UCL Institute of Archaeology  University College London
 - Computational modelling of prehistoric human ecology in the Southern Levant
 - Part of the [Prehistoric Hunting Strategies in Jordan project](#)
 - Supervisors: [Prof. Louise Martin](#), [Prof. Andrew Bevan](#), [Dr. Andrew Garrard](#)
- 2013
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2012
- **MA Archaeology (Distinction)**
UCL Institute of Archaeology  University College London
 - Dissertation: *Cultural phylogeny of kurgan burial mounds in the west Eurasian steppe*
 - Supervisor: [Prof. Stephen Shennan](#)
- 2011
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2008
- **BA Anthropology & Archaeology (1st class hon.)**
Departments of Anthropology & Archaeology  Durham University
 - Dissertation: *Spatial analysis of intra-site surface collection data from a Cucuteni-Tripolye mega-site*
 - Supervisor: [Prof. John Chapman](#)
- 2008
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2001
- **Secondary education**
Woodkirk High School  Leeds

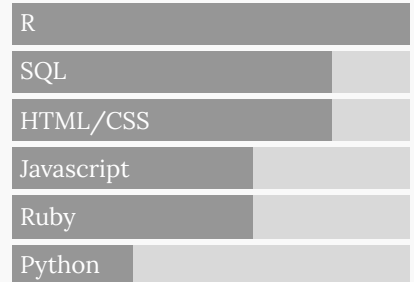
Academic appointments

- 2024
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2021
- **Research assistant (Projektmitarbeiter)**
[Institute of Archaeological Sciences](#)  University of Bern
 - Lead developer of [XRONOS](#), an open repository for chronometric data (PIs: [Dr. Martin Hinz](#), [Prof. Dr. Albert Hafner](#))
 - Contributed to research project “Climate Change Resilience and Vulnerabilities of Bronze Age Waterfront Communities (2200–800 BC)” (PI: Dr. Caroline Heitz)

Contact

✉ joeroe@hey.com
☎ +45 60 56 37 63
🌐 joeroe.io
📞 0000-0002-1011-1244
🎓 [Google Scholar](#)
🐙 github.com/joeroe
@ joeroe@archaeo.social
W [User:Joe Roe](#)

Programming



2020
|
2017

Research assistant (Videnskabelig assistent)

Department of Cross-Cultural and Regional Studies

📍 University of Copenhagen

- Responsibility for archaeological survey and spatial analysis components of major field projects in Iran and Jordan
- Developed databases and software interfaces for the projects' research data
- PIs: [Dr. Tobias Richter](#),



Publications

- 2024
- Gaydarska, B., **Roe, J.**, and Slavchev, V., Dietary Variability in the Varna Chalcolithic Cemeteries. *European Journal of Archaeology* NA. [doi:10.1017/eea.2024.33](#)
 - Batist, Z. & **Roe, J.**, Open archaeology, open source? Collaborative practices in an emerging community of archaeological software engineers. *Internet Archaeology* 67. [doi:10.11141/ia.67.13](#)
- 2023
- Batist, Z. & **Roe, J.**, open-archaeo: a resource for documenting archaeological software development practices. *Journal of Open Archaeology Data* 11: 9. [doi:10.5334/joad.111](#)
 - Arranz-Otaegui, A. & **Roe, J.**, Revisiting the concept of the 'Neolithic Founder Crops' in southwest Asia. *Vegetation History and Archaeobotany* 32: 475–499. [doi:10.1007/s00334-023-00917-1](#)
- 2022
- Arranz-Otaegui, A., Pedersen, P. N., Schmidt, A. F., Jørgensen-Lindahl, A., **Roe, J.**, Villemoes, J., Pantos, G. A., & Killackey, K., Identifying the chaîne opératoire of club-rush (*Bolboschoenus glaucus* [Lam.] S.G.Sm) tuber exploitation during the Early Natufian in the Black Desert (northeastern Jordan). *Journal of Archaeological Science: Reports* 47. [doi:10.1016/j.jasrep.2022.103677](#)
 - Jones, M., Richter, T., Rollefson, G., Rowan, Y., **Roe, J.**, Toms, P., Wasse, A., Ikram, H., Williams, M., AlShdaifat, A., Pedersen, P. N., & Esaid, W., The palaeoenvironmental potential of the eastern Jordanian desert basins (Qe'an). *Quaternary International* 635: 72–82. [doi:10.1016/j.quaint.2021.06.023](#)
 - Hinz, M., **Roe, J.**, Laabs, J., Heitz, C., & Kolář, J., Bayesian inference of prehistoric population dynamics from multiple proxies: a case study from the North of the Swiss Alps. In NA, NA. NA, pp. NA. [doi:10.31235/osf.io/dbcag](#)
- 2021
- Richter, T., Darabi, H., Alibaigi, S., Arranz-Otaegui, A., Bangsgaard, P., Khosravi, S., Maher, L., Mortensen, P., Pedersen, P., **Roe, J.**, & Yeomans, L., The formation of Early Neolithic Communities in the Central Zagros: an 11,500 year old communal structure at Asiab. *Oxford Journal of Archaeology* 40 (1): 2–22. [doi:10.1111/ojoa.12213](#)

My publications reflect a number of ongoing collaborations with domain-specialist colleagues, bringing a data science perspective to addressing multidisciplinary research questions in prehistory.

- 2020 ● Khosravi, S., Pedersen, P. N., Alibaigi, S., **Roe, J.**, Heidary Dastenaeei, M., Miladi, B., Darabi, H., Richter, T., & Mortensen, P., Archaeological Landscape of Razavar Valley in the Neolithic Period: the survey of the 8th–6th millennium BC in the north of Kermanshah Province. *Pazhoheshha-ye Bastan shenasi Iran* 26. doi:10.22084/NBSH.2020.21133.2094
- Nebbia, M., & **Roe, J.**, Landscape Studies. In Gaydarska, B., *Early Urbanism in Europe: The Trypillia Mega-Sites of the Ukrainian Forest-Steppe*. De Gruyter, pp. 60–107. doi:10.1515/9783110664959-007
- Martin, L., & **Roe, J.**, The Kheshiya Cattle Skull Ring: Zooarchaeological Analyses. In McCorriston, J., & Harrower, M. J., *Landscape History of Hadramawt: The Roots of Agriculture in Southern Arabia (RASA) Project, 1998–2008*. Cotsen Institute of Archaeology Press, pp. 275–348. doi:10.2307/j.ctvzgb8n3.20
- 2019 ● Henton, E., **Roe, J.**, Martin, L., Garrard, A., Boles, O., Lewis, J., Thirlwall, M., & Jourdon, A-L., Epipalaeolithic and Neolithic gazelle hunting in the Badia of north-east Jordan. Reconstruction of seasonal movements of herds by stable isotope and dental microwear analyses. *Levant* 50 (2): 127–172. doi:10.1080/00758914.2019.1598764
- Jones et al., 20,000 years of societal vulnerability and adaptation to climate change in southwest Asia. *WIREs Water* 6 (2): e1330. doi:10.1002/wat2.1330
- 2018 ● Arranz-Otaegui, A., González Carretero, L., **Roe, J.**, & Richter, T., “Founder crops” v. wild plants: Assessing the plant-based diet of the last hunter-gatherers in southwest Asia. *Quaternary Science Reviews* 186: 263–283. doi:10.1016/j.quascirev.2018.02.011
- 2016 ● Martin, L., Edwards, Y., **Roe, J.**, & Garrard, A., Faunal turnover in the Azraq Basin, eastern Jordan 28,000 to 9,000 cal BP, signalling climate change and human impact. *Quaternary Research* 86 (2): 200–219. doi:10.1016/j.yqres.2016.07.001



Publications (non-peer-reviewed)

- 2023 ● **Roe, J.**, Peer Review Report For: Inglämnlagare: a tool for restructuring Swedish HER record site data for statistical analysis [version 2; peer review: 3 approved]. *F1000Research* 11 (1370). doi:10.5256/f1000research.157510.r222117
- 2016 ● **Roe, J.**, PIA at 25: A Retrospective. *Papers from the Institute of Archaeology* 25 (2): p.Art. 16. doi:10.5334/pia.517
- 2015 ● Allentuck, A., Martin, L., & **Roe, J.**, Refuse Disposal in the Early Epipalaeolithic? Preliminary Zooarchaeological Evidence from Kharaneh IV, Eastern Jordan. *Bulletin of the Council for British Research in the Levant* 10: 67–69. doi:10.1179/1752726015Z.000000000034
- 2014 ● **Roe, J.**, Review of *Green Arabia: Human Prehistory at the Crossroads of Continents*. *Papers from the Institute of Archaeology* 24 (1). doi:10.5334/pia.458



Conference presentations

- 2024 ● Heitz, C., Ismail-Meyer, K., Aellen, C., & **Roe, J.**, *Coping with the Cold – Climate Change Resilience and Vulnerabilities of Bronze Age Communities during the 3.7 ka ‘Löbber’ Glacier Advance (ca. 1900–1450 BCE)*. Presented at Climate of the Past and Societal Responses to Environmental Changes (Climpast), Bern, 5–8 June 2024.
- Roe, J.** & Hinz, M., *XRONOS as a Resource for Archaeological Chronology in West Asia*. Presented at Digital Ancient Near Eastern Studies (DANES) Conference, Virtual, 4–6 December 2024.
- Heitz, C., Ismail-Meyer, K., Aellen, C., & **Roe, J.**, *Climate Change Resilience and Vulnerabilities of Waterfront Communities – Mixed Methods Research on ‘Pile Dwellings’ around the Alps (4000–800 BCE)*. Presented at 30th Annual Meeting of the European Association of Archaeologists (EAA), Rome, 28–31 August 2024.
- Hinz, M. & **Roe, J.**, *ESTER: Estimation of the prehistoric population of Eurasia based on a large number of records*. Presented at World Neolithic Congress, Şanlıurfa, 4–8th November 2024.
- Roe, J.** & Hinz, M., *Estimating the prevalence of post-agricultural population declines through the global radiocarbon record*. Presented at World Neolithic Congress, Şanlıurfa, 4–8th November 2024.
- 2023 ● **Roe, J.** & Hinz, M., *XRONOS: open chronometric data from archive to infrastructure*. Presented at Digital Archaeology Bern 2023.
- Roe, J.**, *Modelling the range of wild plants and crop progenitors in the Late Epipalaeolithic–Early Neolithic Levant*. Presented at Digital Archaeology Bern – Ancient West Asia.
- Roe, J.**, *More than just porridge: old materialism and the macroarchaeology of the Neolithic Revolution*. Presented at 13th International Congress on the Archaeology of the Ancient Near East, Copenhagen.
- 2022 ● Hinz, M. & **Roe, J.**, *Zoom and Enhance: high-resolution reconstruction of macro-scale processes with Bayesian hierarchical models*. Presented at European Association of Archaeologists (EAA) Annual Meeting, Budapest, 31 August – 3 September.
- Roe, J.**, *Are we what we eat? The Southwest Asian ‘Neolithic Revolution’ as macroarchaeological theory*. Presented at the European Association of Archaeologists (EAA) Annual Meeting, Budapest, 31 August – 3 September.
- Roe, J.** & Hinz, M., *XRONOS: challenges in building a global open repository for chronometric data*. Presented at the European Association of Archaeologists (EAA) Annual Meeting, Budapest, 31 August – 3 September.

- **Roe, J.**, *Out with the new, in with the old: recent advances in palaeoecological modelling with open data*. Presented at the Association for Environmental Archaeology Spring Meeting 2021: Open Science Practices in Environmental Archaeology, Oxford.
- Roe, J.**, *A revised radiocarbon chronology of Ganj Dareh*. Presented at the 53rd Annual Meeting of the Canadian Archaeological Association, 'Ganj Dareh Then and Now: Integrating Past and Current Research'.
- Roe, J.**, *Nonequilibrium dynamics in models of human palaeoecology*. Presented at Computer Applications & Quantitative Methods in Archaeology (CAA), Limassol (Virtual).
- Batist, Z. & **Roe, J.**, *Open archaeology: a survey of collaborative software engineering in archaeological research*. Presented at Computer Applications & Quantitative Methods in Archaeology (CAA), Limassol (Virtual).
- Roe, J.**, *Computational models of chronology and regional settlement in the Epipalaeolithic–Neolithic Zagros (20000–6000 BP)*. Presented at the 'Revisiting the Hilly Flanks: the Epipalaeolithic and Neolithic periods in the eastern Fertile Crescent' conference, Copenhagen.
- Pedersen, P. N., **Roe, J.**, & Richter, T., *Free foragers? A case for transient social inequality at Epipalaeolithic Shubayqa, eastern Jordan*. Presented at the 12th International Congress on the Archaeology of the Ancient Near East, Bologna.
- Roe, J.**, *On uncertain ground: modelling human palaeoecology in the Azraq basin, eastern Jordan, 24,000–8,000 BP*. Presented at the 12th International Congress on the Archaeology of the Ancient Near East, Bologna.

- 2019 ● **Roe, J.**, ***Gorram shiny!** An accessible interface for reproducible landscape archaeology with R and fieldwalkr**. Presented at Computer Applications & Quantitative Methods in Archaeology (CAA), Kraków.
- Richter, T., Arranz Otaegui, A., Jones, M., **Roe, J.**, & Yeomans, L., *Environmental Crisis and Societal Collapse: Was the Younger Dryas a significant factor in triggering the transition from the Palaeolithic to the Neolithic in the Levant?*. Presented at 'Culture in Crisis: Flows of Peoples, Artifacts and Ideas', the 14th International Conference on the History and Archaeology of Jordan (ICHAJ 14), Florence.
- Arranz-Otaegui, A., **Roe, J.**, Pantos, G. A., Santana, J., Araus-Cabrera, J. L., Le Roux, P., & Richter, T., *Locally available or imported? Identifying the provenance of Natufian plant food and fuel resources at Shubayqa 1 (northeastern Jordan)*. Presented at the 18th conference of the International Workgroup for Palaeoethnobotany (IWGP), Lecce.
- Buffington, A., Olson, K., **Roe, J.**, Al Kathiri, A. A., McCorriston, J., *Over Mountains and Through Woods: survey results and preliminary spatial analysis of the 2018 field season of the Ancient Socio-Ecological Systems in Oman (ASOM) project*. Presented at the 53rd Seminar for Arabian Studies, Leiden.
- Roe, J.**, & Richter, T., *Mutable mobilities: 15,000 years of nomadic settlement in the Qa' Shubayqa, eastern Jordan*. Presented at the 53rd Seminar for Arabian Studies, Leiden.
- Pantos, G. A., & **Roe, J.**, *A halfway house: open source tools for tidy photographic and 3D data management between the field and the archive*. Presented at Computer Applications & Quantitative Methods in Archaeology (CAA), Kraków.
- Roe, J.**, *The Q Continuum: open source GIS tools for paperless field survey*. Presented at Computer Applications & Quantitative Methods in Archaeology (CAA), Kraków.
- Roe, J.**, Pedersen, P. N., Khosravi, S., *A survey of early prehistoric sites in the Razavar Valley (Kermanshah, Iran)*. Presented at the British Association for Near Eastern Archaeology (BANE) annual conference, Liverpool.
- 2018 ● **Roe, J.**, *Is there anything R can't do?*. Presented at the Computer Applications and Quantitative Methods in Archaeology (CAA) conference, Tübingen.
- Roe, J.**, *fieldwalkr: an R package for spatial sampling and field survey simulation*. Presented at the Landscape Archaeology Conference (LAC), Newcastle & Durham.
- Richter, T., Arranz-Otaegui, A., Boaretto, E., Jones, M., **Roe, J.**, & Yeomans, L., *Reconstructing Environmental Impacts on Late Pleistocene and Early Holocene Societies in the Marginal Zone of the southern Levant: A Case Study from Shubayqa*. Presented at the XVIII UISPP World Congress, Paris.
- Roe, J.**, *The Zagros in Prehistory: geography, chronology, demography*. Presented at the British Association for Near Eastern Archaeology (BANE) annual conference, Liverpool, 2019, and the KU Archaeology Day.
- 2017 ● Martin, L. & **Roe, J.**, *The Complexities of Mammalian Body Size Change in Late Pleistocene to Holocene Southern Levant, 35 years on*. Presented at 'From the Mediterranean to the Atlantic: themes in European zooarchaeology', Museum of Natural History and Science, Lisbon.
- 2016 ● **Roe, J.**, *A greener model of palaeoenvironments in the eastern Levant*. Presented at Unravelling the Palaeolithic, Southampton.

- 2015 ● Allentuck, A., Martin, L., **Roe, J.**, *Domestic maintenance practices in the Early Epipalaeolithic of the Jordanian steppe*. Presented at the 12th International Symposium of the ICAZ Archaeozoology of Southwest Asia and Adjacent Areas Working Group (ASWA), Groningen.
- Roe, J.** & Martin, L., *Open season: modelling prehistoric wildlife dynamics in Epipalaeolithic and Neolithic Jordan*. Presented at the British Association for Near Eastern Archaeology (BANE) annual conference, London.
- Allentuck, A., **Roe, J.**, Martin, L., Macdonald, D., & Maher, L., *Zooarchaeological evidence for domestic maintenance in the Early Epipalaeolithic*. Presented at the British Association for Near Eastern Archaeology (BANE) annual conference, London.



Software & datasets

- 2023 ● **rpaleoclim: R interface for paleoclimate data**
- 2023 ● **open-archaeo: a list of open source archaeological software and resources**
Zenodo
- 2022 ● **era: R package for years with an era**
- 2020 ● **c14: R package for tidy radiocarbon data**
- 2020 ● **rintchron: R interface to IntChron**
- 2020 ● **stratigraphr: R package for archaeological stratigraphy and chronological sequences**
- 2020 ● **evoarchdata: datasets from studies of cultural evolution in archaeology**
- 2019 ● **Data from Uerpmann 1987, The Ancient Distribution of Ungulate Mammals in the Middle East, TAVO A27**
Zenodo
- 2019 ● **Trypillia mega-sites of the Ukraine**
Archaeology Data Service
- 2018 ● **fieldwalkr: R package for spatial sampling and survey simulation**

I am also an active contributor to a number of [other open source software](#) and [open data projects](#).



Field projects

2019	● Field director Shubayqa Archaeological Project	📍 Jordan
2018	● Field archaeologist Ancient Socioecological Systems in Oman (ASOM) project	📍 Oman
2018	● Supervisor Razavar Valley Survey	📍 Iran
2018 2015	● Field archaeologist & supervisor Shubayqa Archaeological Project	📍 Jordan
2015	● Field archaeologist Kharaneh IV Project	📍 Jordan
2014 2012	● Field archaeologist & supervisor Tripillia Mega-Sites Project	📍 Ukraine
2012	● Supervisor Mirkovo Project	📍 Bulgaria
2009	● Trainee Tripillia Mega-Sites Project	📍 Ukraine
2007	● Trainee York Archaeological Trust	📍 England

In the field, I specialise in site prospection, intrasite survey, digital recording and GIS.

I was responsible for the survey component Shubayqa Archaeological Project (2018–2019), including designing the research strategy, planning and obtaining permits, and directing teams on the ground.



Grants & scholarships




2022	● Young Researchers' Promotion Fund And other internal funds	📍 University of Bern
	• 7300 CHF for 'Digital Archaeology Bern 2023'	
	• Small grants for conference and workshop participation	
2019	● Project grant Danmarks Frie Forskningsfond	
	• "Connecting the Dots: Reconfiguring the Indo-European family tree"	
	• Named applicant. PI: Dr. Thomas Olander	

- 2018 ● **Fieldwork grant**
Det Danske Institut i Damaskus
 - 115,000 DKK to support archaeological fieldwork in eastern Jordan (2019)
 - Co-applicant with Dr. Tobias Richter
- 2018 ● **Fieldwork grant**
H. P. Hjerl Hansen Mindefondet for Dansk Palæstinaforskning
 - 50,000 DKK to support archaeological fieldwork in eastern Jordan (2019)
 - Co-applicant with Dr. Tobias Richter
- 2016 ● **Project grant**
C. L. Davids Fond og Samling
 - “Tracking Cultural and Environmental Change: the Epipalaeolithic and Neolithic in the Seimarreh Valley, central Zagros”
 - Named applicant. PIs: Prof. Peder Mortensen, Dr. Tobias Richter, Dr. Hojjat Darabi
- 2015 ● **Institute of Archaeology Award**
UCL Institute of Archaeology 📍 London
 - Individual grant (£1888) to participate in archaeological fieldwork in eastern Jordan
- 2014 ● **Research Students’ Conference Grant**
London Centre for the Ancient Near East (LCANE)
- 2013 ● **PhD Studentship**
Leverhulme Trust
 - Part of Research Project Grant RPG-2013-223
- 2012 ● **Research-preparation Masters Award**
Arts and Humanities Research Council

Teaching & public engagement

- 2024 ● **Guest lecturer** 📍 University of Copenhagen
 - “Theory and Method in Near Eastern Archaeology” (CCRS)
 - “Advanced Archaeological Methods” (Saxo Institute)
- 2024 ● **Guest lecturer**
[MOSAICchrono Summer School](#) 📍 European Archaeological Centre, Bibracte
 - Led workshop on “radiocarbon and aoristic modelling”

Promoting computational tools, and especially R, in archaeology has been a particular focus; I have experience in teaching at a range of levels, as well as informally mentoring students and colleagues.

- 2024
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2020
- **Instructor**
"R for Archaeologists" winter school  University of Pisa
 - For five years I have led an intensive [two-day workshop on data visualisation in R](#) for archaeologists
- 2023
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2022
- **Course lecturer**
Institute of Archaeological Sciences  University of Bern
 - Lead instructor on BA-/MA-level courses [GIS in Archaeology](#) and [Statistical Methods for Archaeological Data Analysis](#) (SMADA)
 - Recognised for "Excellence of Teaching" for SMADA 2023 (top 14% of courses in the Faculty of Humanities according to student satisfaction)
- 2021
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2018
- **Course lecturer**
Department of Cross-Cultural and Regional Studies  University of Copenhagen
 - BA: "Practical Archaeology 1" (Arkæologisk praksis 1, [HNAB0100FU](#)), "Practical Archaeology 2" (Arkæologisk praksis 2, [HNAB0102EU](#)), "Science and Theory of Science" (Videnskabsteori, [HTOR0102FU](#))
 - KA: "Theory and Method in Near Eastern Archaeology" ([HNAK0101EU](#)), "Environments and landscapes in the archaeological record of southwest Asia" ([HNAB0102FU](#)), "Neolithic to Early Urban Periods in the Near East" ([HNAK0102EU](#)), "Project-based course" ([HNAK0100FU](#))
- 2020
- **Workshop organiser**
Department of Cross-Cultural and Regional Studies  University of Copenhagen
 - Led an intensive two-day workshop on mobile GIS for linguistic field research
- 2016
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2015
- **Postgraduate Teaching Assistant**
UCL Institute of Archaeology  University College London
 - ARCL2028 Research & Presentation Skills
- 2016
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2014
- **Tutor**
[The Brilliant Club](#)  Schools in London
 - Designed and delivered a university-style tutorial course for primary and high school students
- 2015
- **Student Volunteer**
Maths and Archaeology workshop  Petrie Museum of Egyptian Archaeology
 - Outreach event for high school students organised by Dr. Alice Stevenson (Petrie Museum) and Dr. Luciano Rila (UCL Mathematics) and supported by the London Mathematical Society

Professional service

	<ul style="list-style-type: none"> ● Peer review 	
	Journals <ul style="list-style-type: none"> • <i>Journal of Open Source Software</i>: #4335, #5811 • <i>Journal of Open Archaeology Data</i> (2) • <i>PCI Archaeology</i>: #333 • <i>Advances in Archaeological Practice</i> (1); <i>Open Archaeology</i> (1); <i>Open Quaternary</i> (1); <i>PLOS ONE</i> (1) 	
2023 2020	<ul style="list-style-type: none"> ● Member of Review College 	
	CAA International <ul style="list-style-type: none"> • Reviews completed: CAA2024 (4) • CAA2023 (3) • CAA2022 (7) • CAA2021 (8) • CAA2020 (3) 	
2023	<ul style="list-style-type: none"> ● Conference organiser 	
	Digital Archaeology Bern 2023	📍 Bern
2021	<ul style="list-style-type: none"> ● Session organiser 	
	CAA2021 <ul style="list-style-type: none"> • S17: Tools for the Revolution: developing packages for scientific programming in archaeology? 	📍 Limassol
2019	<ul style="list-style-type: none"> ● Session organiser 	
	CAA2019 <ul style="list-style-type: none"> • S06: <i>Recent advances in spatial statistics for archaeology</i> 	📍 Kraków
2016 2014	<ul style="list-style-type: none"> ● Senior Editor 	
	Papers from the Institute of Archaeology	📍 University College London
2016 2014	<ul style="list-style-type: none"> ● Postgraduate Student Representative 	
	UCL Institute of Archaeology <ul style="list-style-type: none"> • Communications Committee • Publications Committee 	📍 University College London
2014 2013	<ul style="list-style-type: none"> ● Editorial Assistant 	
	Papers from the Institute of Archaeology	📍 University College London
2014	<ul style="list-style-type: none"> ● Conference organiser 	
	Postgraduate Zooarchaeology Forum (PZAF)	📍 London

Professional memberships

I am especially active in CAA International and its [special interest group for scientific scripting languages](#).

current
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2020

● **Society of Research Software Engineering**

current
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2014

● **Council for British Research in the Levant**

current
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2014

● **Computer Applications and Quantitative Methods in Archaeology International**

- Member of Review College (2018–present)
- Member of 'Scientific Scripting Languages in Archaeology' special interest group (2019–present)



Workshop & seminar participation

2019

● “Scientific Scripting Languages in Archaeology” Roundtable
CAA2019  Kraków

2018

● “Connecting the Dots”
International Summer School  Christian-Albrecht University of Kiel

- Development of the R package [moin: Modeling Interaction in Landscape Archaeology](#)

2017

● Shubayqa Project Workshop  University of Copenhagen

2016

● Near East Climate Workshop  University of Nottingham



Other employment & volunteering

current
|
2010

● **Editor & administrator**
English Wikipedia

- Community-appointed administrator
- Elected member of the Arbitration Committee (2019–2020)

2018

● **Gateway Advisor**
Kirklees Citizens Advice Bureau  Dewsbury

2012

● **Curatorial assistant**
Gradski Musej Vršac  Vršac

In my work with Wikipedia and other Wikimedia projects, I seek to promote engagement between academic archaeology and the free knowledge movement.

2012



Software engineer

[TPP SystemOne](#)

📍 Leeds

- Front-end and data migration programming for a large clinical systems developer, working with Java and SQL