

Carla LANCELOTTI

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RESEARCH INTERESTS

- Resilience, persistence, transformation and collapse
 - Factors that allow persistence of societies
 - Roles of social and environmental diversity in creating resilience
 - Human occupation of, and resilience in extreme environments (drylands)
- Human-environment interactions
 - Anthropogenic effects on Earth's biological and physical systems
 - Human perception of and reaction to climatic and environmental change
 - Emergence, spread and intensification of agricultural economies
 - Foragers engagement in plant management and paths to domestication
- Advances in archaeological methodology
 - Application of quantitative and interdisciplinary methods
 - Detection of Anthropic Activity Markers (context, site, landscape)
 - Modelling and simulation of human-environment interactions

EDUCATION

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|------|---|
| 2010 | PhD in Archaeobotany. Department of Archaeology and Anthropology (University of Cambridge, UK – St John's College)
Dissertation: <i>Fuelling Harappan Hearths: human-environment interactions as revealed by fuel exploitation and use</i> Supervisor: Prof Martin K. Jones; Advisor: Dr Cameron A. Petrie |
| 2006 | MSci in Archaeological Sciences. Department of Earth Sciences and Geology (University of Milan, Italy) |
| 2004 | BA (Hons.) ' <i>Laurea cum laude</i> ' in Archaeology. Department of Archaeology, Faculty of Heritage Studies (University of Bologna, Italy) |

CURRENT POSITIONS

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| since 2020 | ICREA Research Professor at the Department of Humanities, Universitat Pompeu Fabra, Barcelona |
| since 2022 | Director of the UPF Centre for Studies on Planetary Wellbeing |
| since 2022 | Deputy director of the Institutional Committee for Ethical Review of Projects (CIREP-UPF) |
| since 2010 | Member of CASEs – <i>Culture, Archaeology and Socio-Ecological Dynamics</i> , recognised group of research excellence by the Agency for Management of University and Research Grant (AGAUR), Government of Catalunya |

PREVIOUS ACADEMIC POSITIONS

- 2017 – 2020 Research Fellow at the Department of Humanities, Universitat Pompeu Fabra, Barcelona
- 2014 – 2017 *UPFellow* Postdoctoral Fellowship, Department of Humanites (Universitat Pompeu Fabra, Barcelona, Spain)
- 2013 – 2014 *Postdoctoral fellow*, Department of Communication and Information Technologies (Universitat Pompeu Fabra, Barcelona, Spain)
- 2013 *Postdoctoral fellows*, Department of Archaeology and Anthropology, Institució Milà i Fontanals (Spanish National Research Council, Barcelona, Spain)
- 2010 – 2013 *Postdoctoral fellow*, Institute of History, Centre of Social Sciences and Humanities (Spanish National Research Council, Madrid, Spain)

INDICATORS OF RESEARCH QUALITY

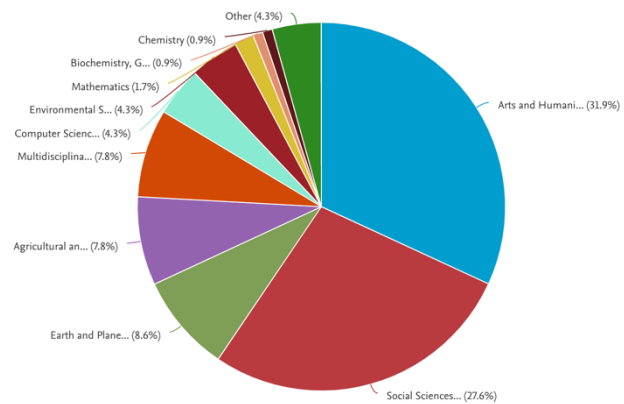
Recognition of Research Merits and **Accreditation as Lecturer** (2017, Acreditació de Recerca Professor Agregat) and as **Full Professor** (2023, Acreditació de Recerca Avançada Catedratic de Universitat) by the Catalan University Quality Assurance Agency, AQU Catalunya.

	Scholar	Scopus
Citations	1662	931
Publications	105	57
h-Index	24	17

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Researcher ID: L-2655-2014

Author ID (Scopus): 36466630000



SOURCE: SCOPUS (20/12/2023)

COMPETITIVE RESEARCH PROJECTS (PI)

- 2023 – 2026 *Modelado de las Origenes Agrícolas de las Sociedades Urbanas en Asia del Sur - ModAgro* Spanish Ministry for Economy and Competitiveness (I+D program; €121,000). Co-PI with M. Madella (Spain)
- 2023 *Open Phytoliths Community Training Workshops and e-learning courses*. EOSC Digital Life Science (€15,120). Co-PI with E. Karoune (UK)
- 2021 – 2022 *Increasing the FAIRness of phytolith data*. EOSC Digital Life Science (€29,800). Co-PI with E. Karoune (UK)

- 2019 – 2021 *The Multifunctional Rooftop Garden of the Dipòsit de les Aigües Building*. UPF Research Projects on Planetary Wellbeing (€16,250)
- 2018 – 2023 *RAINDROPS. Resilience and adaptation to drylands. Identifying past water management practices for drought-resistant crops*. ERC-Stg-2017, grant agreement number 759800 (€1,488,506)
- 2015 – 2017 *MoMArq. Modelling of Anthropic Activity Markers: from Ethnography to Archaeology*. Spanish Ministry for Economy and Competitiveness (program I+D; €33,800)
- 2015 – 2017 *MoSSES - Modelling and simulation of small-scale socio-ecological systems*. Marie Skłodowska-Curie COFUND action (PI salary and research money €150,000)

 OTHER COMPETITIVE GRANTS (PI)

- 2020 – 2022 Funding for Archaeological Research outside Spain: FiCaPro – the Fifth Cataract Archaeological Project (Palarq Foundation, € 16,500)
- 2019 Conference Organisation Grant (IUHJV, Universitat Pompeu Fabra; € 1,000)
- 2017 Research Activity Grant (Dept. of Humanities, Universitat Pompeu Fabra; € 749.10)
- 2007 Research Grant from the Anthony Wilkin Fund (University of Cambridge, UK; £380)
- 2007 Research Grant from the Smuts Memorial Fund (University of Cambridge, UK; £709)

 STUDENTSHIPS

- 2008 Isbel-Fletcher Scholarship (University of Cambridge, UK; £3K)
- 2007 AHRC Doctoral Award (Arts and Humanities Research Council, UK; £10K)
- 2006 Isaac Newton European Trust PhD Bursary (University of Cambridge, UK; £12K)
- 2006 EARTH Summer School scholarship (European Science Foundation; travel accommodation and tuition fees)

 PARTICIPATION IN RESEARCH PROJECTS

- 2019 – 2020 Team member of *Traditional Knowledge as Sustainable Solution for the Conservation of Monumental Earthen Sculptures along the Silk Road* funded by National Geographic Society (Early Career Grant; \$8,950). *PI*: Mónica Lopez Prat (UB, Spain). *Role*: key participant, phytolith analysis
- 2017 – 2018 Team member of *HoLa: Holocene Global Landuse – Modelling Anthropic Environmental Modifications and Management* funded by INQUA (Funding for international Focus Group; €5,000). *PI*: Kathleen D. Morrison (UPenn, USA), Marco Madella (UPF, Spain) and Marie-José Gaillard (LNU, Sweden). *Role*: key participant, land use regional leader for South Asia
- 2016 – 2018 Team member of *CULM: Modelling Plant Cultivation in Prehistory*, funded by the Spanish Ministry for Economy and Competitiveness (program I+D; €13,300). *PI*: Débora Zurro (CSIC, Spain). *Role*: modelling of plant yield in the past, archaeobotanical and ethnoarchaeological assessment

- 2015 – 2020 Team member of *TWORAINS: Winter rain, summer rain: adaptation, climate change, resilience and the Indus Civilisation*, a project funded by the European Research Council (ERC Consolidator Grant) (€1.9M). *PI*: Cameron A. Petrie (University of Cambridge, UK). *Role*: expert on plant resource exploitation in the prehistory of South Asia
- 2015 – 2020 Team member of *LandUse6k – Working group of PAGES*, Funded through internal PAGES funds. *PI*: Marie-José Gaillard (LNU, Sweden), Kathleen D. Morrison (UPenn, USA), Prof Marco Madella (UPF, Spain). *Role*: landuse reconstruction in South Asia
- 2015 – 2019 Team member of the *Olynthos Project*, funded by the University of Michigan Ann Arbor and the British School at Athens. *PI*: Lisa Nevett (UMICH, USA). *Role*: microbotanical remains and spatial analysis expert
- 2015 – 2019 Team member of the *Çatalhöyük Research Project*, funded by the Templeton Foundation (in excess of €5M). *PI*: Ian Hodder (Stanford, USA). *Role*: microbotanical remains and soil geochemistry
- 2015 – 2017 Team member of *PaisArque: Paisajes arqueológicos inaccesibles y en peligro: observación terrestre y tecnologías 3D para la protección y preservación del patrimonio cultural*, a project funded by the BBVA foundation, Spain (€59K). *PI*: Marco Madella (UPF, Spain). *Role*: ethnoarchaeologist and responsible for modelling spatial distribution of plant-related activities
- 2014 – 2016 Team member of *SimulPlay*, a project funded by the RecerCaixa Program, Spain (€71K). *PI*: Xavier Rubio-Campillo (Barcelona Supercomputing Centre, Spain). *Role*: contents developer and tester of a video game based on modelling and simulations of archaeological processes
- 2010 – 2017 Team member of *SimulPast. Simulating the Past to Understand Human Behaviour*, a project of the CONSOLIDER-INGENIO program funded by the Spanish Ministry for Science and Innovation (€2.7M). *PI*: Marco Madella (UPF, Spain). *Role*: member of Group 1, focused on modelling the relationship between hunter-gatherers and agropastoralists in semi-arid environments (North Gujarat, India)
- 2013 – 2016 Member of the project *Identification and discrimination of forest/savannah ecosystems of Brazil on the basis of phytolith assemblages and indexes to understand past vegetation and soil genesis*, funded by the Govern of Brasil (€300K). *PIs*: Pablo Vidal-Torrado (Universidade de Saõ Paulo, Brasil) and Marco Madella (UPF, Spain). *Role*: field archaeologist, phytoliths, spatial and statistical analysis expert
- 2010 – 2013 Team member of *AGRIWESTMED. Origins and spread of agriculture in the southwestern Mediterranean region*, a project funded by the European Research Council (ERC Advanced Grant) (€1.5M). *PI*: Leonor Peña-Chocarro (CSIC, Spain). *Role*: Phytolith analysis from several Neolithic and Epi-Paleolithic sites in Spain and North Africa
- 2008 – 2011 Team member of the UKIERI Project *Environmental constraints and human responses in northwest India between 2000 and 300 BC*, a joint project of Benares Hindu University (Varanasi, India) and University of Cambridge (UK) (£184K). *PIs*: Cameron A. Petrie (University of Cambridge, UK) and Prof Ravindra N. Singh (BHU, India). *Role*: archaeobotanist

- 2011 – 2013 Team member of the project *Peopling, resources and environment in arid zones: the case study of North Gujarat*, funded by the Spanish Ministry of Science and Innovation (€61K). *PI*: Marco Madella (CSIC, Spain). *Role*: archaeobotanist
- 2007 – 2012 Team member of *NoGAP. North Gujarat Archaeological Project*, a joint project of MS University (Vadodara, India) and the Spanish National Research Council (Barcelona, Spain) (various grants €33K). *PIs*: Marco Madella (CSIC, Spain); Prof Ajithprasad P. (MSU, India). *Role*: archaeobotanist

PUBLICATIONS

Articles in journals and proceedings

- 2023 Beldados A., Ruiz-Giralt A., **Lancelotti C.**, Meresa Y, D'Andrea A.C. Pre-Aksumite plant husbandry in the Horn of Africa. *Vegetation History and Archaeobotany* 32, 635-654
- 2023 D'Agostini, F., Ruiz-Pérez J., Madella M., Vadez V., Kholova J., **Lancelotti C.** Phytoliths as indicators of plant water availability: the case of millets cultivation in the Indus Valley civilization. *Review of Palaeobotany and Palynology*, 309. 104783
- 2023 D'Andrea C.A., Welton L., Manzo A., Woldekiros H.S., Brandt S.A., Beldados A., Peterson E.A., Nixon-Darcus L.A., Gaudiello M., Wood S.R., Mekonnen H., Batiuk S., Meresa Y., Ruiz-Giralt A., **Lancelotti C.**, Mengistu Taffere A., Johnson L.M. The Pre-Aksumite Period: indigenous origins and development in the Horn of Africa. *Azania: Archaeological Research in Africa* 58(3), 329-392
- 2023 David R., Rybina A., Burel J. M., Heriche J. K., Audergon P., Boiten J. W., ...**Lancelotti C.** (25/59)..., Gribbon, P. "Be sustainable": EOSC-Life recommendations for implementation of FAIR principles in life science data handling. *The EMBO Journal*, e115008
- 2023 Gadekar C., García-Granero J.J., Madella M., **Lancelotti C.**, Veesar G.M., Abro T.A., Chandio M.A., Zurro D. Phytoliths and lithics: An alliance of convenience? Performing first comprehensive residue analysis for the artefacts of the Indus Civilisation. *Journal of Archaeological Science: Reports*, 52104254
- 2023 Kerfant C., Ruiz-Pérez J., García-Granero J.J., **Lancelotti C.**, Madella M., Karoune E. A dataset for assessing phytolith data for implementation of the FAIR data principles. *Scientific Data* 10, 479
- 2023 Ruiz-Giralt A., Biagetti S., Madella M., **Lancelotti C.** Small-scale farming in drylands: new models for resilient practices of millet and sorghum cultivation. *PLoS ONE* 18(2): e0268120
- 2023 Ruiz-Giralt A., Nixon-Darcus L., D'Andrea A.C., Meresa Y., Biagetti S., **Lancelotti C.** On the verge of domestication: Early use of C4 plants in the Horn of Africa. *Proceedings of the National Academy of Science* 120(27), e2300166120
- 2023 Ruiz-Giralt A., Beldados A., Biagetti S., D'Agostini F., D'Andrea C.A., Meresa Y., **Lancelotti C.** Sorghum and Finger Millet Cultivation during the Aksumite Period: Insights from Ethnoarchaeological Modelling and Microbotanical Analysis. *Journal of Computer Applications in Archaeology* 6(1), 96–116
- 2023 Varalli A., D'Agostini F., Madella M., Fiorentino G., **Lancelotti C.** Charring effects on stable carbon and nitrogen isotope values on C4 plants: Inferences for archaeological investigations. *Journal of Archaeological Science* 156, 105821

- 2022 Biagetti S., Ruiz-Giralt A., Madella M., Khaled Magzoub M., Meresa Y., Veesar G.M., Abro T., Chandio A., **Lancelotti C.** No rain no grain? Ethnoarchaeology of sorghum and millets cultivation in drylands. *Ethnoarchaeology* 13: 80-104
- 2022 López-Prat M., **Lancelotti C.**, Campo-Francés G., Ray Bandyopadhyay S., Carrascosa B., Noori N.A., Pecci A., Simón-Cortés J., Miriello D. The role of plants and fibres in modelling monumental terracuda sculptures of the Silk Roads: archaeobotanical analyses from the Buddhists sites of Tepe-Narenj and Qol-e-tut (Kabul, Afghanistan). *Heritage Science* 10: 67
- 2022 Gregorio de Souza J., Ruiz-Pérez J., **Lancelotti C.**, Madella, M. Environmental effects on the spread of the Neolithic crop package to South Asia. *PLoS ONE* 17: e0268482
- 2022 D'Agostini F., Vadez V., Kholova J., Ruiz-Perez J., Madella M., **Lancelotti C.** Understanding the Relationship between Water Availability and Biosilica Accumulation in Selected C4 Crop Leaves: An Experimental Approach. *Plant* 11: 1019
- 2022 López-Prat M., Agostino R.G., Bandyopadhyay S.R., Carrascosa B., Crocco M.C., De Luca R., Filosa R., Formoso V., **Lancelotti C.**, Noori A.N., Pecci A., Simón-Cortés J., Miriello D. Architectural *terracuda* sculptures of the Silk Roads: new conservative insights through a diagnostic approach based on non-destructive X-ray microtomography. *Studies in Conservation* 67(4), 209-221
- 2021 Bates J., **Lancelotti C.**, Suryanarayan A., Madella M. The challenge of the unique and unprecedented, comment on Agnihorti et al. (2021). *Journal of Archaeological Science: Reports* 39, 103174
- 2021 Antó J.M., Martí J.L., Casals J., Bou-Habib P., Casal P., Fleurbaey M., Frumkin H., Jiménez-Morales M., Jordana J., **Lancelotti C.**, Llavador H., Mélon L., Solé R., Subirada F., Williams A. 'The Planetary Wellbeing Initiative: Pursuing the Sustainable Development Goals in Higher Education. *Sustainability* 13(6):3372
- 2021 Santiago-Marrero C.G., Tsoraki C., **Lancelotti C.**, Madella M. Grinding and Pounding: a microbotanical perspective to plant processing activities at Çatalhöyük. *PLoS ONE* 16(6): e0252312
- 2021 **Lancelotti C.**, Biagetti S. Mapping food production in hyper-arid and arid Saharan Africa in the Holocene: a view from the present. *Quaternary* 4(2):13
- 2021 **Lancelotti C.**, Martínez Sánchez R.M., Vera Rodríguez J.C., Pérez-Jordà G., Peña-Chocarro L., Biagetti S., Madella M. Phytolith analyses from Khil and Kaf Taht el-Ghar (Morocco): plant use and domestication trajectories in a long-term perspective. *Journal of Archaeological Science Reports* 37: 102921
- 2021 Biagetti S., Alcaina-Mateos J., Ruiz-Giralt A., **Lancelotti C.**, Groenwald P., Ibañez J., Gur-Arieh S., Morton F., Merlo S. Using pXRF on anthropogenic sediments to map geo-chemical signatures at Seoke (Botswana): a way to expand the archaeological record in southern African Stone Walled Sites? *PlosONE* 16(5): e0250776
- 2021 Morrison K.D., Hammer E., Boles O., Madella M., Whitehouse N., Gaillard-Lemdahl M.-J., **Lancelotti C.**(35/59),.....Zenon M. Mapping past human land use using archaeological data: a new classification for global land use synthesis and data harmonization. *PlosONE* 16(4): e0246662

- 2021 Ruiz-Giralt A., Bouchaud C., Salavert A., **Lancelotti C.**, D'Andrea A.C. Human-Woodland interactions during the pre-Aksumite and Aksumite periods in NE Tigray, Ethiopia: insights from the wood charcoal analyses of Mezber and Ona Adi. *Vegetation History and Archaeobotany* 30: 713–728
- 2020 Nevett L.C., E. Tsigarida B., Archibald Z.H., Stone D.L., Ault B.A., Akamatis N., Cuijpers E., Donati J.C., García-Granero J.J., Hartenberger B., Horsley T., **Lancelotti C.**, Margaritis E., Alcaina-Mateos J., Panti A., Papadopoulos N., Pecci A., Salminen E., Sarris A., Stallibrass S.M., Tsochevk C., Valdambrini C. Constructing the 'urban profile' of an ancient Greek city: evidence from the Olynthos Project. *Annual of the British School at Athens*, 115, 329-378
- 2020 Wolfhagen J., Veropoulidou R., Ayala G., Filipović D., Kabukcu C., **Lancelotti C.**, Madella M., Pawłowska K., Santiago-Marrero C.G., Wainwright J. The seasonality of wetland and riparian taskscapes at Çatalhöyük. *Near Eastern Archaeology* 83(2): 98-109
- 2019 **Lancelotti C.**, Biagetti S., Zerboni A., Usai D., Madella M. Ethnoarchaeology and archaeology of rainfed cultivation in arid to hyper-arid lands of North Africa. *Antiquity* 93(370): 1026-1039
- 2018 **Lancelotti C.** 'Not all that burns is wood'. A social perspective on fuel exploitation and use during the Mature Harappan Period (2600-1900 B.C.). *PLoS ONE* 13(3): e0192364
- 2018 Biagetti S., **Lancelotti C.**, Zerboni A., Usai D., Madella M. The unexpected land use: rain-fed agriculture in drylands. *PAGES Magazine*, 26(1): 20-21
- 2018 Conesa F.C., García-Granero J.J., Madella M., Balbo A.L., Gadekar C.S., **Lancelotti C.**, Rajesh S.V., Ajithprasad P. Poblament, recursos i medi ambient en zones àrides: el North Gujarat Archaeological Project (NoGAP). *Tribuna de Arqueologia 2014-15*: 189-216
- 2017 **Lancelotti C.**, Pecci A., Zurro D. Anthropoc Activity Markers: Archaeology and Ethnoarchaeology. *Environmental Archaeology* 22(4): 339-342
- 2017 **Lancelotti C.**, Negre J. Alcaina Mateos J., Carrer F., Intra-site spatial analysis in ethnoarchaeology. *Environmental Archaeology* 22(4): 354-364
- 2017 Petrie C.A., Singh R.N., Bates J., Dixit Y., French C.A.I., Hodell D., Jones P.J., **Lancelotti C.**, Lynam F., Neogi S., Pandey A.K., Parikh D., Pawar V., Redhouse D.I., Singh D.P. Adaptation to variable environments, resilience to climate change: investigating Land, Water and Settlement in Indus northwest India. *Current Anthropology* 58(1): 1-30
- 2017 **Lancelotti C.**, García-Granero J.J., Ruiz-Pèrez J. Investigating fuel and fireplaces through a combination of phytoliths and multi-element analysis. An ethnographic experiment. *Vegetation History and Archaeobotany*, 26(1): 75-83
- 2017 García-Granero J.J., **Lancelotti C.**, Madella M. A methodological approach to the study of microbotanical remains from grinding stones: a case study in northern Gujarat (India). *Vegetation History and Archaeobotany*, 26(1): 43-57
- 2017 García-Granero J.J., Gadekar C., Esteban I., **Lancelotti C.**, Madella M., P. Ajithprasad. What is on the craftsmen's menu? Plant consumption at Datrana, a 5000-year-old lithic blade workshop in North Gujarat, India. *Archaeological and Anthropological Sciences*, 9(2): 251-263

- 2016 Zerboni A., Biagetti S., **Lancelotti C.**, and Madella M. The end of the Holocene Humid Period in the central Sahara and Thar deserts: societal collapses or new opportunities? *PAGES Magazine*, 24(2): 60-61
- 2016 **Lancelotti C.**, Zurro D., Whitehouse N., Kramer K.L., Madella M., García-Granero J.J., Greaves R. Resilience of livelihood strategies in small-scale societies: a framework for studying the transition from food gathering to food production. *Ecology and Society*, 21(2): 53
- 2016 Negre Pérez J., Muñoz F., **Lancelotti C.** Geostatistical modelling of chemical residues on archaeological floors in the presence of barriers. *Journal of Archaeological Science*, 70: 91-101
- 2016 Zurro D., García-Granero J.J., **Lancelotti C.**, Madella M. Directions in current and future phytolith research. *Journal of Archaeological Science*, 68, 112-117
- 2016 García-Granero J.J., **Lancelotti C.**, Madella M. Millets and herders: the origins of plant cultivation in semi-arid North Gujarat (India) *Current Anthropology*, 57(2), 149-173
- 2016 Madella M., **Lancelotti C.**, García-Granero J.J. Millet microremains - an alternative approach to understand cultivation and use of critical crops in Prehistory. *Archaeological and Anthropological Sciences*, 8, 17-28
- 2016 García-Granero J.J., Arias-Martorell J., Madella M., **Lancelotti C.** Geometric morphometric analysis of *Setaria italica* (L.) P. Beauv. (foxtail millet) and *Brachiaria ramosa* (L.) Stapf. (browntop millet) and its implications for understanding the biogeography of small millets. *Vegetation History and Archaeobotany*, 25(3), 303-310
- 2015 García-Granero J.J., **Lancelotti C.**, Madella M. A tale of multi-proxies: integrating macro- and microbotanical remains to understand subsistence strategies. *Vegetation History and Archaeobotany*, 24(1), 121-133
- 2014 Francés G., Rubio-Campillo X., **Lancelotti C.**, Madella M. Decision making in Agent-Based Models. *Lecture Notes in Computer Science/Artificial Intelligence, Multi-Agent Systems* 8953, 370-378
- 2014 Madella M., Rondelli B., **Lancelotti C.**, Balbo A.L., Zurro D., Rubio-Campillo X., Stride S. Introduction to Simulating the Past. *Journal of Archaeological Method and Theory* 21, 251-257
- 2014 **Lancelotti C.**, Balbo A.L., Madella M., Iriarte E., Rojo-Guerra M., Royo I., Tejedor C., Garrido R., García I., Arcusa H., Peña-Chocarro L. The missing crops: investigating the use of grasses in a Neolithic cave site in the Pyrenees. *Journal of Archaeological Science* 42, 456-466
- 2014 Rondelli B., **Lancelotti C.**, Madella M., Pecci A. Balbo A.L., Ruiz Perez J., Inserra F., Gadekar C., Cau M.A., Ajithprasad P. Anthropogenic activity markers and spatial variability: an ethnoarchaeological experiment in a domestic unit of Northern Gujarat (India). *Journal of Archaeological Science* 41, 482-492
- 2014 Balbo A.L., Rubio-Campillo X., Rondelli B., Ramírez M., **Lancelotti C.**, Torrano A., Salpeteur M., Lipovetzky N., Reyes-García V., Montañola C., Madella M. Agent-Based Simulation of Holocene Monsoon Precipitation Patterns and Hunter-Gatherer Population Dynamics in Semi-arid Environments. *Journal of Archaeological Method and Theory* 21, 426-446
- 2014 Phillips C., **Lancelotti C.** Chimpanzee diet: Phytolith analysis of feces. *American Journal of Primatology* 75(8), 757-773

- 2013 **Lancelotti C.**, Caracuta V., Fiorentino G., Madella M., Ajithprasad P. Holocene monsoon dynamics and human occupation in Gujarat: Stable isotope analyses on plant remains. *Heritage* 1, 288-300
- 2013 **Lancelotti C.**, Tengberg M., Thiébault S. Vegetation and wood exploitation at Harappa, Punjab (Pakistan). First results of the charcoal analysis. In Damblon F. (ed.) *Proceedings of the 4th International Meeting of Anthracology*, Brussels, Belgium. BAR International Series 2486, pp.133-141
- 2013 Madella M., **Lancelotti C.**, Osterrieth M. Comprehensive perspectives on phytolith studies in Quaternary Research. *Quaternary International* 287, 1-2
- 2013 Singh R.N., Petrie C.A., Joglekar P.P., Neogi S., **Lancelotti C.**, Pandey A. K. Recent Excavations at Alamgirpur, Meerut District: A Preliminary Report. *Man and Environment* 38(1), 32-54
- 2013 Balbo A.L., Rondelli B., Cecília Conesa F., **Lancelotti C.**, Madella M., Ajithprasad P. Geoarchaeological and remote sensing contribution to the study of Holocene hunter-gatherer and agro-pastoral groups in arid margins. The case of North Gujarat (Northwest India). *Quaternary International* 308-309, 53-65
- 2012 **Lancelotti C.**, Madella M. The 'invisible' product: Developing markers for identifying dung in archaeological contexts. *Journal of Archaeological Science* 39, 953-963
- 2012 Madella M., **Lancelotti C.** Phytoliths and taphonomy: A user manual. *Quaternary International* 275, 76-83
- 2012 Balbo A.L., Iriarte E., Arranz A., Zapata L., **Lancelotti C.**, Madella M. Squaring the Circle. Social and Environmental Implications of Pre-Pottery Neolithic Building Technology at Tell Qarassa (South Syria). *PLoS ONE* 7(7): e42109
- 2012 Singh R.N, Petrie C.A., French C.A.I., Bates J., Pandey A.K., Parikh D., **Lancelotti C.**, Redhouse D. Survey and excavations at Dabli vas Chugta, Hanumangarh District, Rajasthan. *Puratattva* 42, 133-147
- 2010 **Lancelotti C.**, Madella M., Ajithprasad P., Petrie C. Charring temperature and resistance to compression: two taphonomic factors that affect archaeological charcoal assemblages. Experimental analysis of selected South Asian species. *Archaeological and Anthropological Sciences*, 2(4), 307-320
- 2010 Madella M., Ajithprasad P., **Lancelotti C.**, Rondelli B., Balbo A., French C., Rodríguez D., García-Granero J.J., Yannitto V., Rajesh S.V., Gadekar C.S., Briz I. Social and environmental transitions in arid zones: the North Gujarat Archaeological Project – NoGAP. *Antiquity Bulletin*.
- 2010 Singh R.N., Petrie C.A., Pawar V., Pandey A.K., Neogi S., Singh M., Singh A.K., Parikh D. and **Lancelotti C.** Changing patterns of settlement in the rise and fall of Harappan urbanism: preliminary report on the Rakhigarhi Hinterland Survey 2009, *Man and Environment* 35(1), 37-5

Book chapters

- In press Wolfhagen J., Veropoulidou R., Ayala G., Filipović D., **Lancelotti C.**, Madella M., Kabukcu C., Pawłowska K., Santiago-Marrero C.G., Wainwright J. The Seasonality of Using Wetland and Riparian Environments at Çatalhöyük. In Haddow S., Hodder I. (eds.) *Humans and environments of Çatalhöyük: reports from the 2009-2017 seasons*, vol. 16, chapter 16

- In press Gonzalez Carretero L., Twiss K., Veropoulidou R., Tsoraki C., Fuller D., Tarkan D., Pawlowska K., Ketchum S., Madella M., Santiago-Marrero C.G., **Lancelotti C.**, Bennison Chapman L., Demirergi A. Cooking. In Haddow S., Hodder I. (eds.) *Humans and environments of Çatalhöyük: reports from the 2009-2017 seasons*, vol. 16, chapter 26
- In press **Lancelotti C.**, Ryan P. Chapter 21 Phytolith analysis. In Biehl P.F., Anvari J., Rosenstock E. (eds.) *The End of Çatalhöyük. The West Mound Excavations*. Los Angeles: Cotsen Institute of Archaeology Publications, University of California
- 2023 Madella M., **Lancelotti C.** Chapter 35. Archaeobotany. In Pollard A.M., Armitage R.A. and Makarevitz C. (eds.) *Handbook of Archaeological Sciences* 2nd edition. New York: Wiley, pp. 701-713
- 2022 Madella M., Korisettar R., Rajala U., Ruiz-Giralt A., **Lancelotti C.**, Parque O. Surveying and Collecting Integrated Data for the Neolithic Ashmounds of Southern India. In Korisettar R. (ed.) *Beyond Stones and More Stones, vol III*. Benaguru: The Mythic Society, pp. 96-119
- 2022 Madella M., **Lancelotti C.** Archaeobotanical perspectives to understand water supply and water management in the Indus Civilisation. In Rost S. (ed.) *Irrigation in Early States: New Directions*. Oriental Institute Seminars 13. Chicago: Oriental Institute of the University of Chicago, pp. 113-136
- 2021 Santiago-Marrero C.G., Lara-Recuero J., **Lancelotti C.**, Madella M. Following the plant pathways - a synthesis of phytoliths and starch grains analyses at Çatalhöyük. In Hodder I. (ed.) *Peopling the Landscapes of Çatalhöyük: reports from the 2009-2017 seasons*. BRITISH INSTITUTE AT ANKARA, Monograph 53, Çatalhöyük Research Project Series Volume 13, chapter 7. pp. 137-144
- 2018 **Lancelotti C.**, Madella M. Phytoliths and the Human Past: Archaeology, Ethnoarchaeology and Palaeoenvironmental Studies. In Lightfoot E., Liu X., Fuller D.Q. (eds.) *Far from the Hearth – Martin K. Jones Felicitation Volume*. McDonald Institute Monographs, Cambridge University Press, Cambridge, pp. 51-64
- 2018 Madella M., Ajithprasad P., **Lancelotti C.**, García-Granero J.J., Conesa F., Gadekar C., Rajesh S.V. The North Gujarat Archeological Project (NoGAP): a multi-proxy and multi-scale study of long-term socio-ecological dynamics. In Frenez D., Jamison G.J., Law R.W., Vidale M., Meadow R.H. (eds) *Walking with the Unicorn – Jonathan Mark Kenoyer Felicitation Volume*. Archaeopress, Oxford, pp. 343-358
- 2016 Ruiz-Pérez J., **Lancelotti C.**, Rondelli B., Madella M., García-Granero J.J., Peña-Chocarro L. Sickles and forks: traditional rural knowledge of agricultural practices and its possible applications in archaeology. In Biagetti S., Lugli F. (eds) *The Intangible Elements of Culture in Ethnoarchaeological Research*. Springer International, pp. 241-252
- 2015 García-Granero J.J., **Lancelotti C.**, Madella M., Ajithprasad P. Plant processing activities at Loteshwar (North Gujarat, India): a micro-botanical approach. In Didier A., Mutin B. (eds) *Man and Environment in Prehistoric and Protohistoric South Asia: New Perspectives*. Brepols, pp 99–116

- 2015 Petrie C.A., Singh R.N., French C.A.I., Bates J., **Lancelotti C.**, Neogi S., Pandey A.K., Parikh D., Pawar V., Redhouse, D. I. Land, Water and Settlement in Northwest India 2008-2012: A review of progress. In Lefèvre, V., Didier, A. and Mutin, B. (Eds.) *South Asian Archaeology and Art 2012*, Vol I, Man and Environment in Prehistoric and Protohistoric South Asia: New Perspectives. BREPOLs Publishers, Turnhout, Belgium, pp. 243-255
- 2013 Petrie C.A., Sardari A., Ballantyne R., Berberian M., **Lancelotti C.**, Mashkour M., McCall B., Potts D.T., Weeks L. Mamasani in the fourth millennium BC. In Petrie C.A. (ed) *Ancient Iran and its Neighbours: Local Developments and Long-range Interactions in the 4th Millennium BC*, Oxbow Books, Oxford, pp. 171-194
- 2013 Zurro D., **Lancelotti C.**, Madella M. Fitólitos, almidones y fibras. In García-Diez M., Zapata, L. (eds) *Métodos y Técnicas de análisis y estudio en arqueología prehistórica. De lo técnico a la reconstrucción de los grupos humanos*, Servicio Editorial de la Universidad del País Vasco / Euskal Herriko Unibertsitateko Argitalpen Zerbitzua. Bilbao, Spain, pp. 291-306
- 2010 **Lancelotti C.**, Madella M. Preliminary anthracological analysis from Harappan Kanmer: Human-environment interactions as seen through fuel resources exploitation and use. In Uesugi A., Osada T. (eds) *Archaeology and Linguistics. Occasional Papers 10*, RIHN, Kyoto, Japan, pp. 129-142

Editorial activity

Books

- 2014 Madella M., **Lancelotti C.**, Savard M. (eds). *Ancient Plants and People Contemporary Trends in Archaeobotany*. Tucson: University of Arizona Press

Journal Special Issues

- forthcoming **D'Andrea C.**, Lancelotti C. (eds.). Pathways to Plant Domestication: New Insights from Archaeobotany. *Agronomy* (in preparation)
- 2017 **Lancelotti C.**, Pecci A., Zurro D. (eds). Anthropogenic Activity Markers: Archaeology and Ethnoarchaeology. *Environmental Archaeology* 22(4)
- 2013 Madella M., **Lancelotti C.**, Osterrieth M. (eds). Comprehensive Perspectives on Phytolith Studies in Quaternary Research. *Quaternary International* 287

INVITED TALKS

- 2023 *Ethnoarchaeology*. UNESCO Session at the Egyptian Pavilion, COP28, UAE.
- 2023 *Resilience and adaptation to drylands: phytoliths, experimental cultivation and ethnographic modelling to reconstruct past plant water availability*, session keynote at the 13th International Meeting for Phytolith Research, Dead Sea, Israel.
- 2023 *Living in the Diverse Environments of the Indus Civilisation: Insights from the Sky down and Ground up*. ARWA seminar series (**Lancelotti C.**, Petrie C. A.)
- 2023 *What did people eat? Perspectives from ethnoarchaeology, experimental archaeobotany and ethnographic modelling*. Ludwig Maximilian University, München
- 2022 *RAINDROPS. Reconstructing Long-Term agriculture in drylands*. Closing seminar of the PALEODEM ERC project, University of Alicante, Spain

- 2021 *Increasing the FAIRness of phytolith data*. FAIR Phytolith - Launch meeting within EOSC-Life project (Karoune E., Kerfant C., **Lancelotti C.**, Ruiz-Perez J., García-Granero J.-J., Madella M.)
- 2021 *Past, present and future of smart crops: An ethnographic and modelling approach to mapping long-term millets cultivation in drylands*. University of Glasgow Archaeology Seminar Series Fall 2021
- 2021 *Phytoliths formation, quantification and role in modern plants*, keynote talk at the 12th International Meeting for Phytolith Research, Christian-Albrechts Universität zu Kiel, Germany
- 2019 *Phytoliths as proxies for water availability and irrigation (archaeology/palaeoecology)*, International workshop on phytoliths and non-pollen palynomorphs, Universitat Pompeu Fabra and CSIC, Barcelona, Spain
- 2019 *Ethics in ERC projects*, 18th Conference of the International Workgroup for Palaeoethnobotany, University of Salento, Italy
- 2018 *Phytolith analysis: a tool to understand past land use in drylands*, Frontiers in Archaeological Sciences 2nd international workshop, Simon Fraser University, Canada
- 2018 *Agricoltura in zone aride e iper-aride: il ruolo di fitoliti e isotopi nell'identificazione delle pratiche di gestione dell'acqua in archeologia*, seminar for the Doctoral School of Archaeology, University of Salento, Italy
- 2018 *Anthropic Activity Markers: identifying anthropogenic signals in archaeological spaces*, CDAL seminar series, University of Cambridge, UK
- 2017 *Not all that burns is wood. A social perspective on fuel exploitation and use in the Indus Valley Civilization*. International conference on Mohenjodaro and the Indus Valley Civilization, Mohenjodaro, Pakistan
- 2016 *Climate change, resources and human adaptation: hunter-gatherers and agro-pastoralists communities in prehistoric North Gujarat*. 2nd Harappa International Conference, Sahiwal, Pakistan
- 2016 *Climate change and human adaptation: insights from modeling and simulation*. International Seminar on 'Anthropology and global climate change: Local knowledge, cultural adaptation and resilience among the indigenous peoples, Hyderabad, India

 ORGANIZATION OF SCIENTIFIC EVENTS

- 2023 *Recent advances on stable isotope analysis on modern and archaeological plant remains*. Universitat Pompeu Fabra, Barcelona, Spain (**Lancelotti C.**, Varalli A., D'Agostini F.)
- 2023 *Voices from African Drylands: current research in African Archaeology and Heritage*. Universitat Pompeu Fabra, Barcelona, Spain (**Lancelotti C.**, Biagetti S.)
- 2022 *From the present to the past and back: crossing disciplinary and time boundaries in agricultural research*. Session organiser, 28th Annual Meeting in Budapest, Hungary (Varalli A., **Lancelotti C.** Gur-Arieh S., Biagetti S.)
- 2022 *25th International conference of the European Association for South Asian Archaeology and Art*, Universitat Pompeu Fabra, Barcelona, Spain (Madella M., **Lancelotti C.**)

- 2018 *Anthropic Activity Markers: Archaeology and Ethnoarchaeology*. Session co-organiser, 24th Annual Meeting European Association of Archaeologists, Univeristy of Barcelona, Spain (Pecci A., **Lancelotti C.**, Zurro D., Carrer F.)
- 2018 *Advances in Multidisciplinary Archaeology*. Jornadas de Arqueología UPF, in collaboration with the IUHJV, Universitat Pompeu Fabra, Barcelona, Spain (Madella M., **Lancelotti C.**, Biagetti S.)
- 2017 *From early human impacts to the Great Acceleration: A paleoscience perspective on the climate-landscape-human multiple connections*, PAGES Open Sciences Meeting, Zaragoza, Spain (Dubois N., Francus P., Zerboni A., Biagetti S., Jacob J., **Lancelotti C.**, Madella M., Zurro D.)
- 2017 *Anthropic Activity Markers: Archaeology and Ethnoarchaeology*. Symposium co-organiser, 82nd Society for American Archaeology Annual Meeting, Vancouver, Canada (**Lancelotti C.**, Pecci A., Zurro D.)
- 2017 *Empty spaces or creative interfaces? A multi-scalar perspective on current dryland archaeology*, SimulPast/CaSEs International Workshop, Barcelon, Spain (Biagetti S., **Lancelotti C.**)
- 2016 *Adaptability and Resilience: New Paradigms for the Indus Civilization*. Session co-organiser, 8th World Archaeology congress, Kyoto, Japan (**Lancelotti C.**, Petrie C.A., Madella M.)
- 2016 *Anthropic Markers of Plant-related Activities: Archaeobotany 2.0*. Session co-organiser, 8th World Archaeology congress, Kyoto, Japan (Zurro D., Barba L., Pecci A., **Lancelotti C.**)
- 2016 *Anthropic Activity Markers: Archaeology and Ethnoarchaeology*. Symposium co-organiser, 81st Society for American Archaeology Annual Meeting, Orlando, USA (Pecci A., Zurro D., **Lancelotti C.**)
- 2015 *Integrated approaches to spatial analysis in domestic and inhabited contexts*. Session co-organiser, 21st European Association of Archaeologists Meeting, Glasgow, UK (Mc Pharland H., Inglis R., **Lancelotti C.**, Carrer F.)
- 2015 *Anthropic Activity Markers: Archaeology and Ethnoarchaeology*. Symposium co-organiser, 80th Society for American Archaeology Annual Meeting, San Francisco, USA (**Lancelotti C.**, Pecci A., Zurro D.)
- 2015 *Spatial Analysis in Ethnoarchaeology and Experimental Archaeology* Session chair, 43rd Computer Application and Quantitative Methods in Archaeology Conference, Siena, Italy (Carrer F., **Lancelotti C.**)
- 2014 *Small-Scale Societies and Environmental Transformation: A Co-Evolutionary Perspective*. Executive and Scientific Committees member, International ICREA workshop and Conference, Universitat Autònoma de Barcelona and Universitat Pompeu Fabra, Barcelona, Spain
- 2009 *Ancient Iran and its neighbours*. Executive Committee member of the International workshop organized by the McDonald Institute for Archaeological Research, University of Cambridge, Cambridge, UK
- 2008 *Recent developments in South Asian Archaeology*. Executive Committee member of the International workshop organized by the McDonald Institute for Archaeological Research, University of Cambridge, Cambridge, UK

FIELD RESEARCH

- 2021-2023 **Director** of the Fifth Cataract Archaeological Project (FiCaPro), Sudan (Universitat Pompeu Fabra, Spain; Shendi University and NCAM, Sudan)
- Since 2018 **Co-director** of *JASPAR – Japanese Spanish Pakistani Research Initiative*, Sindh, Pakistan (Universitat Pompeu Fabra, Spain; Shah Abdul Latif University, Pakistan; University of Tokyo, Japan). *Role*: director of the ethnoarchaeological research
- 2017 Team member *Eastern Tigray Archaeological* field season, Ethiopia (Simon Fraser University, Canada). *Role*: phytolith and charcoal analyst
- 2015 – 2016 Team member Mesolithic Al Khiday excavations, Sudan (Centro Studi Sudanesi e Sub-Sahariani, Italy). *Role*: responsible of ethnographic survey and work on pastoral activities and rain-fed agriculture
- 2015 – 2016 Team member, Neolithic Çatalhöyük excavations, Turkey (Stanford University, USA). *Role*: sampling and analysis of botanical micro-remains (phytoliths and starch) and spatial analysis of domestic activity areas
- 2014 **Co-director** of field research at *Terra Preta de Caldeirão*, Amazon, Brazil (Universidade de Saõ Paulo, Spanish National Research Council and Brazilian Agricultural Research Corporation). *Role*: excavation and archaeobotanical sampling
- 2013 **Director** of vegetation survey team Gujarat, India (Spanish National Research Council and MS University Baroda, India). *Role*: vegetation survey, identification and sampling for creating reference collection material and for isotopic analyses
- 2011 **Director** of ethnographic work at *Cabra del Camp* and *La Fuliola*, Catalonia, Spain (Spanish national Research Council). *Role*: interviews and phytolith sampling of traditional crop-processing activities
- 2011 Team member Neolithic *Els Trocs* excavation, Aragón, Spain (Spanish National Research Council, University of Valladolid and Government of Aragón). *Role*: archaeobotanical and sampling and geomorphological coring
- 2011 Team member Mesolithic and Bronze Age *Vaharvo Timbo* excavation, North Gujarat, India (Spanish National Research Council and MS University Baroda, India). *Role*: responsible for onsite flotation and archaeobotanical sampling
- 2010 Team member Mesolithic *Datrana* excavation, North Gujarat, India (Spanish National Research Council and MS University Baroda, India). *Role*: responsible for onsite flotation and archaeobotanical sampling; for organizing a survey for isotope samples collection; and for ethnographic work at *Jandhala*, a traditional farming village
- 2008 Team member Bronze Age *Shikarpur* excavation, Kachchh, India (MS University of Baroda, India). *Role*: responsible for flotation and archaeobotanical sampling
- 2008 Team member Bronze Age *Kanmer* excavation Kachchh, India (Research Institute for Humanity and Nature, Japan, and Vidyapeeth University Udaipur, India). *Role*: responsible for flotation and archaeobotanical sampling

OUTREACH ACTIVITIES

Active on the major social networks, such as twitter (@RAINDROPS_StG, @cl379) and Facebook (www.facebook.com/raindrops.project/); administrator of RAINDROPS webpage (www.ercstgraindrops.info/) and BLOG (www.ercstgraindrops.info/news)

Talks/Activities/Publications

- 2019 **Lancelotti, C.** Las Humanidades y la promoción del bienestar planetario. *La Maleta de Portbou* (37): 37-42.
- 2019 *Humanidades Ambientales: El rol de las humanidades en el época del Antropoceno*, Summer School organised by Escola Europea de Humanitats, Barcelona, Spain
- 2019 *Què és la salut planetaria? Vida en els límits del planeta*, organised by Escola Europea de Humanitats, Barcelona, Spain
- 2018 *La historia que nos contaron: Mujeres y hombres en la prehistoria*, organised for the International Day for Women and Girls in Science by Scuola Italiana Montessori, Barcelona, Spain
- 2017 Cafè Científic *La memòria ambiental: l'herència va més enllà de la genètica* organised by the Centre for Genomic Regulation, Barcelona, Spain
- 2017 *El Uso de las Plantas en Çatalhöyük: Una Perspectiva Microbotànica*, conferences cycle AEE: Arqueología Española en el Exterior (Spanish Archaeology Abroad), National Museum of Archaeology, Madrid, Spain
- 2008/2009 *Prehistory Day at the Cambridge Festival of Ideas*, activities for families and children on the use of plants in prehistory, Cambridge Archaeological Unit, Cambridge, UK

STUDENT AND PERSONNEL SUPERVISION

- 2017 – pres. Supervisor of 6 PhD students, Department of Humanities, Universitat Pompeu Fabra, Barcelona, Spain
- Monika Jovanovic, *Resilience and adaptation to drylands in Central Sudan* (title to be defined, Phd in History/Archaeology at Univeristat Pompeu Fabra, expected submission May 2025)
 - Oscar Parque Pérez, *Estrategias de gestión de los recursos animales en la civilización del Indo: una perspectiva diacrónica del proceso de urbanización de las comunidades harapienses* (Phd in History/Archaeology at Univeristat Pompeu Fabra, expected submission May 2024)
 - Abel Ruiz Giralt, *Long-term resilience of cultivation systems in Tigray (Ethiopia): an integrated approach combining ethnography, ecological modelling and archaeobotany* (Phd in History/Archaeology at Univeristat Pompeu Fabra defended, on December 13th 2023)
 - Carolina Jimenez Arteaga, *Crops and environment in the lower Indus Plain during the Bronze Age: A multi-proxy approach to the study of agricultural strategies of the Indus Valley Civilisation* (Phd in History/Archaeology at Univeristat Pompeu Fabra, defended on July 24th 2023)
 - Francesca D'Agostini, *Phytoliths as proxies for plant water Availability. An experimental approach on selected C4 species and its archaeological application in drylands* (double Phd in History/Archaeology at Univeristat Pompeu Fabra and Crop Physiology, co-supervision with Dr Vincent Vadez, Department Ecology, Université de Montpellier, defended on December 20th 2022)

- Carlos Santiago Marrero, *Plant processing activities and the use of domestic space at Neolithic Çatalhöyük, Turkey: A microbotanical perspective* (Phd in History/Archaeology at Universitat Pompeu Fabra, defended on December 9th 2022)
- 2015 – 2016 Supervisor of 3 research assistants, Department of Humanities, Universitat Pompeu Fabra, Barcelona, Spain
- 2012 – 2015 Co-supervisor of a PhD student, Department of Archaeology, University of Barcelona, Spain
 - Juan José García-Granero, dissertation title: *From gathering to farming in semi-arid northern Gujarat (India): a multi-proxy approach* (defended on June 22nd 2015)
- 2014 Advisor of a Master student, Department of Archaeology, University of Lecce, Italy. Dissertation title: *Anthracological analyses from Loteshwar (North Gujarat, India): Changes in paleovegetation during the Holocene (from hunter-gatherer to agropastoral groups* (defended on March 31st 2014)
- 2008 – 2010 Supervised laboratory work (phytolith extraction and analysis) and advised on project design and writing:
 - 1 Undergraduate dissertation (Jennifer Bates, University of Cambridge, UK)
 - 1 Master dissertation (Juan José García-Granero, University College London, UK)
 - 2 PhDs (Jennifer Bates and Caroline Phillips, University of Cambridge, UK)

TEACHING

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- 2019 Invited lecturer at the *Master in Advanced Studies in Archaeology*, University of Barcelona, Spain (Ethnoarchaeology and Experimental Archaeology)
 - 2018 – pres. Invited lecturer at the *Master in World History*, Universitat Pompeu Fabra, Barcelona, Spain (Environmental Humanities)
 - 2011 Lecturer at the Barcelona-Baroda Summer School in Environmental Archaeology, Vadodara, India (Statistics, Archaeobotany, Anthracology, Carpology)
 - 2009 Practicals on wood anatomy and identification for second year undergraduates and Master students, Department of Archaeology, University of Cambridge, Cambridge, UK
 - 2008 Practicals on wood anatomy and identification and phytolith analysis for second year undergraduates and Master students, Department of Archaeology, University of Cambridge, Cambridge, UK
 - 2007 Practicals on phytolith analysis for second year undergraduate and Master students, Department of Archaeology, University of Cambridge, Cambridge, UK

COMMISSIONS OF TRUST

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- 2023 – pres. Member of the Editorial Board of the Journal *Cambridge Prisms: Drylands*, Cambridge University Press, Cambridge, UK
 - 2019 – 2022 Member of the scientific taskforce of the *Planetary Wellbeing Initiative* at Universitat Pompeu Fabra, Barcelona, Spain

- 2018 – 2022 Member of the *Institutional Committee for Ethical Review of Projects* (CIREP) of the Universitat Pompeu Fabra, Barcelona, Spain
- 2017 – pres. PhD Examiner for the University of the Witwatersrand, Johannesburg, South Africa and for the Shah Abdul Latif University, Khairpur, Pakistan
- 2016 – pres. Reviewer for ANEP, Spanish National Agency for Evaluation of Research Projects
- 2011 – 2017 Executive Committee Member, Responsible for Teaching and Training Activities *SimulPast* Project
- 2009 – Peer reviewer for the following International Journals: *Nature Communications*; *PLOS ONE*; *Journal of Archaeological Science*, *Journal of Archaeological Science Reports*, *Quaternary International*, *Chemosphere* (ELSEVIER); *Vegetation History and Archaeobotany*, *Archaeological and Anthropological Sciences* (SPRINGER); *Ethnoarchaeology* (TAYLOR & FRANCIS); *Geoarchaeology* (WILEY)

SCIENTIFIC MEMBERSHIPS

- 2015 – pres. Society for American Archaeology (SAA)
- 2015 – pres. European Association of Archaeologists (EAA)
- 2006 – pres. Society for Phytolith Research (SPR)
- 2005 – pres. European Association for South Asian Archaeology and Art (EASAA)

ADMINISTRATIVE EXPERIENCE

- 2008 – 2010 *Administrative Assistant* to Dr Cameron A. Petrie, McDonald Institute for Archaeological Research, University of Cambridge, Cambridge, UK
- 2007 – 2009 *St John's Women Society*. Junior Treasurer and Webmaster, St John's College, Cambridge, UK