



Environmental Archaeologist

SKILLS

- Zooarchaeology and palaeontology
- Palaeoenvironmental reconstructions
- Biogeographical analysis
- Systematics and evolution
- Geometric morphometrics

MAIN LINES OF RESEARCH

- Reconstruction of past climate and habitats to explore interactions between environmental change and human activity.
- Climate and anthropization effects on the biogeographical histories of animal taxa through the study of the diachronic variation of their distributions, genotypes and phenotypes.

GENERAL INDICATORS OF SCIENTIFIC PRODUCTION

- Total number of publications: 170
- Publications with Impact Factor (PIF): 56
- PIF as first or second author: 27
- PIF as last author: 6
- Book chapters: 16
- Conference papers and abstracts: 66
- Publications in Q1: 23
- H-index (Scopus): 15
- Leader of post-doctoral funded projects: 2
- Member of funded research projects: 25
- Number of teaching hours: 450
- Final-career Projects (License) supervised: 2
- Master thesis supervised: 1
- Master Thesis supervising: 2
- Doctoral thesis supervised: 1

PROFESSIONAL EXPERIENCE (main 8 positions out of 12)

- **08/01/2018 to date:** Associate Professor 1. Institution: Archaeological Studies Program, University of the Philippines, UP Diliman.
- **05/05/2016 to date:** Associate Researcher. Institution: AASPE-UMR 7209, Muséum National d'Histoire Naturelle, MNHN/CNRS-Paris.
- **2003 to date (every July):** Recovery and management of fossil small vertebrates during the field campaigns in Atapuerca (Burgos, Spain). Institutions: Atapuerca Project, Atapuerca Foundation. Responsibility: Coordinator.
- **05/05/2014–05/04/2016, post-doctoral research project:** “Marie Curie” 2-year Intra-European Fellowship (PIEF-GA-2013-629604, European Commission). Institution: AASPE-UMR 7209, Centre National de la Recherche Scientifique, CNRS-France. Responsibility: Coordinator.
- **01/01/2011–12/31/2013, post-doctoral research project:** “Juan de la Cierva” 3-year postdoc Research Fellowship (MINECO, Spain). Institution: University of the Basque Country UPV-EHU. Responsibility: Coordinator.

- **01/01/2007–12/31/2009, pre-doctoral grant:** Atapuerca Chair Fellowship of the Atapuerca and Duques de Soria Foundations. Institution: University of Zaragoza. Responsibility: Researcher.
- **07/01/2004–12/31/2006, pre-doctoral grant:** Ministry of Education and Science, Spain and UCM-ISCIII Fellowship. Institution: University of Zaragoza. Responsibility: Researcher.
- **01/01/2002–12/31/2005, temporary work contract:** International Council for Archaeozoology (ICAZ). Institutions: Autonomous University of Madrid and University of Zaragoza. Responsibility: Database manager.
- **09/01/2001–11/30/2001, Short-Term Visitor grant:** Smithsonian Institution, USA. Institutions: National Museum of Natural History, Washington D.C. and Florida Museum of Natural History. Responsibility: Researcher.

UNIVERSITY EDUCATION

- **06/11/2009, Ph.D., University of Zaragoza.** Thesis title: The soricids (Mammalia, Eulipotyphla) of the Lower Pleistocene of the deposits of the Sierra de Atapuerca, Burgos, Spain. Supervisor: G. Cuenca-Bescós.
- **02/06/2002, Master, Autonomous University of Madrid.** Thesis title: Analysis of the remains of small mammals from the Monument 2 of Biniai Nou, megalithic sepulcher of the Bronze Age in Mahón, Menorca. Supervisor: A. Morales-Muñíz.
- **12/16/1998, B.A. in Archaeology (with Degree thesis, homologated to B.A. in History in Spain), Pontifical Catholic University of Peru.** Thesis title: Utilization of faunal resources in El Yaral, a Chiribaya site at the Osmore Drainage, low highland of Moquegua (original in Spanish). Supervisor: Jane C. Wheeler.

LANGUAGES

- Spanish (native), English (fluent) and French (fluent).

SUPERVISING EXPERIENCE

- **Doctoral thesis (co-supervisor with Gloria Cuenca-Bescós and Blanca Bauluz):** Iron bio-minerals of the fossil Soricidae (Eulipotyphla, Mammalia) dentition from the Pleistocene of Atapuerca: palaeobiological and palaeoclimatic implications, *by Raquel Moya-Costa*. Entity: University of Zaragoza, Spain. Qualification: Suma cum laude.
- **Master thesis:** Small vertebrates from the Chalcolithic levels of El Portalón, Sierra de Atapuerca (Burgos, Spain): Systematic attribution, environment and context differentiation *by Amaia Ordiales*. Entity: University of the Basque Country, Spain. Qualification: Outstanding.
- **Final-career Project (License):** Study of microvertebrates of Levels 2 and 5 of the Upper Pleistocene site of El Polvorín, Carranza, Bizkaia, *by Amaia Ordiales*. Entity: University of the Basque Country, Spain. End date: 16/05/2012. Qualification: Outstanding.
- **Final-career Project (License):** Study of the microvertebrates of the Levels 46-47 of the Upper Pleistocene of the site of Kiputz IX (Mutriku, Gipuzkoa), *by Aitziber Suárez-Bilbao*. Entity: University of the Basque Country, Spain. End date: 07/05/2012. Qualification: Outstanding.

MEMBER OF FUNDED PROJECTS (last 14 out of 23)

- **Geology, geochronology and palaeobiology of the deposits of the Sierra de Atapuerca II, III, IV, V, VI and VII.** Head: J.L. Arsuaga. Budget / Start-End dates: (II) €676.000 / 2003-05; (III) €789.525 / 2006-09; (IV) €746.000 / 2010-12; (V) €573.000 / 2013-15; (VI) € 438.746 / 2016-18; (VII) €395.670 / 2019-21. Funding: Ministerio de Economía y Competitividad (Spain) and Ministerio de Ciencia, Innovación y Universidades (Spain).

- **2012-15, Group of studies of the Cenozoic.** Head: X. Murelaga. Budget: €26.880. Funding: UPV-EHU (Spain).
- **2011-12, Towards a regional reconstruction of the climatic variations during the Recent Quaternary in the Basque Country.** Head: X. Murelaga. Budget: €18.000. Funding: UPV-EHU (Spain).
- **2008-09, Palaeoenvironmental reconstructions.** Head: M. Aurell. Budget: €9.000. Funding: Diputación General de Aragón (DGA, Spain).
- **2006-07, Micropaleontology, dinosaurs and mammals: *extinction, paleoecology, paleogeography, paleoclimatology.*** Head: E. Molina. Budget: €22.000. Funding: DGA (Spain).
- **10-11/2012, Study of the microfauna of Arlanpe.** Head: X. Murelaga. Budget: €1.200. Funding: Joseba Ríos Garaizar.
- **08-11/2010, Evaluation of reports 2007-9 submitted by the Team of Paleontologists working in the area of influence of the Antamina Mining Company (Huari province, Ancash),** commissioned by IDARQ for the Ancash Association. Head: J. Rofes. Budget: €2.500. Funding: Antamina Mining Company S.A. (Perú).
- **01-04/1999, Study of vertebrate faunal remains associated to funerary contexts of the Final Formative period at the site of Tablada de Lurín (Lima, Perú).** Head: K. Makowski. Budget: €3.200. Funding: Tablada de Lurín Archaeological Project (PATL)-PUCP (Perú).
- **02/1999, Mummies of dogs of Chribaya Baja.** Head: S. Guillén. Budget: €3.000. Funding: Centro Mallqui and the Bioanthropology Foundation-Perú.
- **11/1998-01/1999, Study of animal bone materials from the excavations at several archaeological sites around Huaraz (Ancash, Perú).** Head: V. Ponte. Budget: €1.200. Funding: Pierina Archaeological Project and Barrick Misquichilca Mining Company S.A. (Perú).

TEACHING

- **2019-2020, Archaeo 297-Special Topics in Archaeology.** Program: MA/MS in Archaeology. Hours: 52. Institution: ASP, University of the Philippines, UP Diliman. Type: Theory.
- **2019, Archaeo 2-Archaeology and Heritage: The Past is not a Foreign Land.** Program: Undergraduate (GE). Hours: 52. Institution: ASP, University of the Philippines, UP Diliman. Type: Theory and Outdoor Activities.
- **2019, Archaeo 298-Special Topics in Regional Archaeology.** Program: MA/MS in Archaeology. Hours: 52. Institution: ASP, University of the Philippines, UP Diliman. Type: Theory.
- **2019-2020, Archaeo 242-Archaeobiological Remains.** Program: MA/MS in Archaeology. Hours: 104. Institution: ASP, University of the Philippines, UP Diliman. Type: Theory and lab practices. Frequency: 2 times.
- **2015 and 2016, QP24 Diversité anatomique et taxinomique en archéozoologie.** Program: Master in Evolution, Patrimoine Naturel et Sociétés. Hours: 20. Institution: MNHN (Paris). Type: Theory and lab practices. Frequency: 2 times.
- **2012, Biostratigraphy and Paleocology.** Programme: Degree in Geology. Hours: 10. Institution: University of the Basque Country, Spain. Type: Theory and lab practices.
- **2011 and 2013, Micropaleontology.** Program: Degree in Geology. Hours: 20. Institution: University of the Basque Country, Spain. Type: Theory and lab practices. Frequency: 2 times.
- **2005–2006, Vertebrate and Human Paleontology.** Programme: Degree in Geology. Hours: 40. Institution: University of Zaragoza, Spain. Type: Field and lab practices.
- **2001 and 2002, Archaeozoology.** Programme: Degree in Biology. Hours: 60. Institution: Autonomous University of Madrid, Spain. Type: Lab practices.
- **2000 and 2001, Prehistory of America.** Programme: Degree in History. Hours: 40. Institution: University of Valencia. Type: Theoretical-practical seminar.

ORGANIZATION OF CONFERENCES

- **XVII International Congress of Prehistoric and Protohistoric Sciences-UISPP 2014.** Session organizer: Biochronology, biostratigraphy and palaeoecology of the European Quaternary (B2PQUE). Burgos, Spain, 1-7 Sep. 2014.
- **IX International Meeting of the International Council for Archaeozoology ICAZ.** Member of the organizing committee. 23-28 Aug. 2002.

SCIENTIFIC SOCIETIES, ASSESSMENT AND REVIEW

- Member of the Scientific Committee of the XVI Young Researchers in Palaeontology Meeting (11-14 April 2018, Gipuzkoa, Spain).
- Member of the Scientific Committee of the XII Young Researchers in Palaeontology Meeting (9-12 April 2014, Sobrarbe, Spain).
- Member of the assessment committee of 3 doctoral theses in Spain (2010, 2013, 2015).
- Member of ICAZ Administrative Committee, 2002-05.
- International reviewer of 2 PhD theses (2014 and 2017, Spain) and 1 Master thesis (2017, France).
- Reviewer of scientific papers for Palaeo 3, Quaternary Science Reviews, Fossil Imprint, Quaternary, Ecosistemas, Journal of Mammalian Evolution, Quaternary International (3), Paleontologia Electronica (2), Historical Biology, Zootaxa, Biological Journal of the Linnean Society and Latin American Antiquity.

ACCREDITATIONS

- Positive evaluation as RESEARCH PROFESSOR in the field of knowledge of Experimental Sciences at the University of the Basque Country UPV-EHU. Agencia de Calidad del Sistema Universitario Vasco-UNIBASQ, 12 June 2013.
- Positive evaluation of teaching and research to be hired as ASSISTANT PROFESSOR. Ministerio de Educación, Cultura y Deporte, Spain, 21 June 2010.