

# Deborah Vicari- CURRICULUM VITÆ

**NAME** Deborah Vicari

**CURRENT POSITION:** Researcher and Assistant Professor (RTD-A)

**CURRENT AFFILIATION:**

Department of Biological, Geological and Environmental Sciences, University of Catania; Via Santa Sofia 102, Open Lab

**EMAIL:** [Deborah.vicari@unict.it](mailto:Deborah.vicari@unict.it)

**MODULES TAUGHT:**

Zoology and Evolution (BIO/05)



**SCIENTIFIC INTEREST:** 3D and 2D Skull Ecomorphology and Whales and Dolphins Evolution

**EDUCATIONAL QUALIFICATIONS**

- University of Oxford PGCE Biology with QTS (Qualified Teaching Status) · (2024 - May 2025)
- Liverpool John Moores University Doctor of Philosophy, Ph.D Biology · (2016 - 2020)
- Università Politecnica delle Marche Master's degree cum laude, Marine Biology · (2013 - 2015)
- Sapienza Università di Roma Bachelor's degree, Scienze naturali · (2009 - 2012)

**SUMMARY of POSITIONS HELD**

- City of Oxford College Lecturer in Forensic Science, Applied Chemistry, Chemistry (2023-2024)
- EF Oxford - Lecturer in Biology and Chemistry (2023)
- Homewood School and Sixth Form and Malborough School- Science Tech (2019-2022)
- Liverpool John Moores University Teaching Support Officer at LJMU in Morphology and Anatomy (2017-2019)

**SCIENTIFIC Expeditions, Fieldworks and ACCADEMIC TRAINING**

- Marine and freshwater research institute-Icelandic Orca Project Icelandic Orca Project Vestmannaeyjar, Sudhurland, Iceland (2018)
- University of St. Andrews, Body Whales Project in Norway (2018)
- Muséum national d'Histoire naturelle, Paris- Breuckmann laserscan Trainee (2017)
- Royal Belgian Institute of Natural Sciences, Brussel- Master Thesis Student (2014- 2015)
- Accademia del leviatano Marine Mammal Observer (2014)
- Museo Civico di Zoologia Aracnidae collection manager (2013)
- Palaeontological excavation in the area of Pirro Nord, Puglia (2007-2012)

**SUMMARY of GRANTS RECEIVED**

- PGCE Oxford University (2024)
- Thesis Boot Camp at Gladstone's Library (Hawarden, Flintshire, Wales; 2019)
- LJMU International Mobility Fund (2017)
- SYNTHESYS awards (FR-TAF-6867; DK-TAF-6759); (2017)
- PhD scholarship, Liverpool John Moore University (2016).
- Campus World, UNIVPM (2014)

## PUBLICATIONS

**Vicari, D.**, Boccone G., and Pandolfi, L. 2024. Feeding mode drives mandibular shape in extant Delphinidae [*Journal of Zoology*; doi:10.1111/jzo.13214; journal cover].

**Vicari, D.**, McGowen, M.R., Lambert, O., Brown, R.P., Bianucci, G., Sabin, R.C. and Meloro, C., 2023. Ecomorphology of toothed whales (Cetacea, Odontoceti) as revealed by 3D skull geometry. *Journal of Mammalian Evolution*, pp.1-17.

**Vicari, D.**, Lorenzen, E., Skovrind M., R. C., Brown, Szpak P., Louis M., Olsen, M.T., Lambert O., Bianucci G., Sabin R.P., and Meloro, C. (2022) Skull morphological variation in Beluga whales (*Delphinapterus leucas*, Linnaeus 1758), and Narwhals (*Monodon monoceros*, Pallas 1776) reveals phenotype of their hybrids *PLoS ONE* 17(8): e0273122.

Wiseman, A. L., **Vicari, D.**, Belvedere, M., De Groote I. (2022). Neolithic track-sites from Formby Point, England: new data and insights. *Journal of Archaeological Science: Reports* 44: 103546.

**Vicari, D.**, Sabin, R. C., Brown, R. P., Lambert, O., Bianucci, G., and Meloro, C. (2022). Skull morphological variation in a British stranded population of false killer whale (*Pseudorca crassidens*): a three-dimensional geometric morphometric approach. *Canadian Journal of Zoology*, 100(999), 119-132 [Editor's Choice].

Pandolfi, L., Mannino, M.A., Talamo, S., Salari, L., Sansò, P., Sublimi Saponetti, S., Vacca, E., **Vicari, D.**, Richards, M.P. and Petronio, C. (2017). A reassessment of the infills and faunal assemblages of karst cavities known as ventarole in Salento (Apulia, Southern Italy): A multidisciplinary investigation on Cava Donno (Corigliano d'Otranto, Lecce). *Alpine and Mediterranean Quaternary*, 30(1), pp.25-40.

## ADDITIONAL RELEVANT CERTIFICATIONS

- **Marine Mammals Observer (MMO)** issued by OSC Limited, Scotland. JNCC approved.
- **Passive Acoustic Monitoring (PAM)** issued by OSC Limited, Scotland.
- **Protected Species Observer (PSO)** issued by OSC Limited, Scotland. NOAA conditionally approved.

## HONORS AND AWARDS

Seal Of Excellence- MSCA Postdoctoral Fellowships 2023

Long-life member of Oxford University

### Activity as Peer Reviewer

Reviewer for BMC Ecology and Evolution, Proceeding B, Journal of Zoology, Marine Mammal Science and Zoomorphology, PlosOne

Review Editor for Frontiers in Marine Science.