

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

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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

- Smithsonian: data collection project DELPHIN (2026)
- 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

- Young Researchers 2024 – SOE (2025)
- 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