

CV - Ian Marshall

Full name: **Ian Philip George Marshall**
Academic degree: PhD (September 27, 2012)
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Languages: English (native), Danish (fluent)
ORCID: <https://orcid.org/my-orcid?orcid=0000-0001-9264-4687>
Google Scholar: <https://scholar.google.com/citations?user=NoFeSVMAAA AJ&hl=en>
University Profile: <https://pure.au.dk/portal/en/persons/ianpgm%40bio.au.dk>

Research Experience:

Present **Associate Professor** (since 1.10.2023)
Section for Microbiology, Department of Biology
Aarhus University

2018 – 2023 **Tenure-track Assistant Professor** (1.10.2018 – 30.9.2023)
Center for Electromicrobiology, Section for Microbiology, Department of Biology
Aarhus University

2017 – 2018 **Postdoctoral Researcher** (8.5.2017 – 30.9.2018)
Center for Electromicrobiology, Section for Microbiology, Department of Biology
Aarhus University

2014 – 2017 **Postdoctoral Researcher (Marie Curie Fellow)** (1.10.2014 – 24.2.2017)
Center for Geomicrobiology, Section for Microbiology, Department of Biology
Aarhus University

2012 - 2014 **Research Assistant** (1.10.2012 – 30.9.2014)
Center for Geomicrobiology, Section for Microbiology, Department of Biology
Aarhus University

2005 – 2006 **Environmental Scientist** (1.8.2005 – 1.5.2006)
RPS Bowman Bishaw Gorham, Australia

Career Breaks

Parental leave in 2015 and 2017 for 31 weeks in total.

Education

2007 – 2012 **PhD in Environmental Engineering and Science** (27.9.2012)
Stanford University, USA
Advisor: Alfred Spormann
Dissertation Title: A Tiling DNA Microarray Approach for Functional Gene Analyses in Microbial Ecosystems

2005 – 2006 **Master of Science in Environmental Engineering and Science** (18.6.2006)
Stanford University, USA

2002 – 2005 **Bachelor of Science in Biochemical Engineering** (3.6.2005)
International University Bremen (a.k.a Jacobs University, Constructor University)

Awards and Grants

- 2023 Aarhus University Research Foundation NOVA (587.369 DKK)
- 2023 Novo Nordisk Foundation CO₂ Research Center (2.520.157 DKK)
- 2021 Villum Experiment (1.954.080 DKK)
- 2014 Marie Curie International Incoming Fellowship (1.647.476 DKK)
- 2008 BioX fellowship for PhD studies at Stanford
- 2002 Full scholarship for BSc at International University Bremen

Scientific Expeditions

- 2023 (May) Anoxic basin coastal expedition (Mariager Fjord, Denmark)
- 2020 (Jul) Anoxic basin sediment sampling (Mariager Fjord, Denmark)
- 2014 (Jan) Integrated Ocean Drilling Program Expedition 347 (Baltic Sea Paleoenvironment)
- 2013 (Sep-Nov) Integrated Ocean Drilling Program Expedition 347 (Baltic Sea Paleoenvironment)
- 2012 (Sep) Benthic Research at Sea Training Cruise, RV Dana Reykjavik – Hirtshals

Teaching & Mentoring Experience

- BSc level: Biological Research in Theory and Practice (5 ECTS, course responsible), Programming and Statistics for Biologists (10 ECTS)
- MSc level: Molecular Microbiology (10 ECTS), Microbial Element Cycling and Population Ecology (10 ECTS)
- PhD level: Visualisation of Biological Data (5 ECTS)
- Mentoring: Supervised 5 BSc thesis students, 8 MSc thesis students (3 as co-advisor), 1 postdoctoral researcher
- PhD advising: Co-advisor for Lea Emilie Plum-Jensen (2023-2026), Alexis Fonseca (2020-2023), Jamie Lustermsans (2020-2023), Vincent Scholz (2020-2022)

Reviewer Experience

Reviewed over 40 manuscripts including submissions to ISME Journal and Nature Communications. Reviewed research proposals for German Federal Ministry of Education and Research and German Research Foundation.

Public Outreach

- Chair of Dissemination Committee at Department of Biology since 2021
- Danish Biology Olympiad Semifinal coordination and instruction since 2020
- DM in Science (EOES) training for high school students (2023, 2024)
- Studiepraktik coordinator (prospective biology students) since 2021
- Popular science article on videnskab.dk (<https://videnskab.dk/naturvidenskab/to-myter-om-bakterier-som-du-skal-pakke-vaek/>) in 2023