

Marina Rafajlović

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Curriculum Vitae

PERSONAL

Born 1983. Married, 4 children (born 2009, 2013, 2017, 2020).

EDUCATION AND CAREER

- 2022 Docent in Theoretical Evolutionary Biology. Department of Marine Sciences, University of Gothenburg (UGOT).
- 2018 – ongoing Assistant professor. Department of Marine Sciences, UGOT.
- 2016 – 17 Researcher. Department of Physics, UGOT.
- 2014 – 16 Postdoc. Funded by the Centre for Marine Evolutionary Biology (CeMEB), UGOT. Department of Physics, UGOT.
- 2014 (November) Ph.D. Department of Physics, UGOT.

POSITIONS AND ADM. ASSIGNMENTS

- 2019 – ongoing Member of the Steering Committee of the Centre for Marine Evolutionary Biology (CeMEB), UGOT.
- 2018 – ongoing Assistant Professor, UGOT.

MAJOR EXTERNAL GRANTS (7.9mSEK with 4.6mSEK as a sole PI)

- Recombination-rate variation, local adaptation and speciation under gene flow: a unifying theory. 2022 – 2025. Vetenskapsrådet. 3.6mSEK. Sole PI.
- Genes on the run - how to mitigate loss of genetic variation during climate induced migration. 2020 – 2022. Formas. 3mSEK. Co-PI.
- The role of plasticity in local genetic adaptation during range expansions. 2019 - 2020. Hasselblad Foundation Grant for Female Scientists. 1mSEK. Sole PI.
- Identifying barriers to gene flow in the genome. 2019. SMBE. 0.3mSEK. Co-PI.

MAIN EDITORIAL & REVIEWER ACADEMIC ASSIGNMENTS

- 2020- 22 Lead Guest Editor, Theme Issue “Species’ ranges in the face of changing environments”, *Phil. Trans. R. Soc. B. (published in two volumes)*
- 2021- 23 Guest Associate Editor, Special Issue “A Decade of Progress in Marine Evolutionary Biology”, *Evolutionary Applications*.

- I regularly serve as a reviewer for peer-reviewed journals, including: *Philosophical Transactions of the Royal Society B*, *PLoS Genetics*, *Evolution Letters*, *The American Naturalist*, *Molecular Ecology*, *Molecular Biology and Evolution*, *Scientific Reports*, *Biological Journal of the Linnean Society*, *Current Zoology*, *Frontiers in Genetics*, *Evolution*. 20 reviewed manuscripts.

RECENT INVITED SEMINARS AND KEYNOTES

- 2023 Eco-evolutionary dynamics during environmental change. Online. Invited.
- 2019 Modelling in Biology and Medicine. Gothenburg, Sweden. Keynote.
- 2019 Hasselblad Afternoon Tea: Award Ceremony. Gothenburg, Sweden. Invited.
- 2019 Gordon Research Conference on Speciation. Ventura, California. Invited (lightning talk by a junior researcher).
- 2018 Speciation Meeting. IST, Austria. Invited.

- 2017 Gordon Research Conference on Speciation. Tuscany, Italy. Invited (lightning talk by a junior researcher).
- 2017 Roger Butlin's Group. Sheffield, UK. Invited.

MAIN ACADEMIC ASSIGNMENTS

- 2022 Deputy Committee Member, PhD defence, Department of Mathematical Sciences, UGOT & Chalmers University of Technology, Gothenburg, Sweden.
- 2022 Organizer of Oikos meeting 2023, Gothenburg, Sweden.
- 2022 Organizer of CeMEB Autumn Assembly 2022 (hybrid), Sweden.
- 2021 Organizer of Writing Workshop (online), CeMEB, Sweden.
- 2021 Organizer of CeMEB Autumn Assembly 2021 (hybrid), Sweden.
- 2020 Main organizer of the online conference (Webinar) "Evolution of Species Ranges", UGOT.
- 2019 Organizer of the Workshop "Identifying Barriers to Gene Flow in the Genome", SMBE Satellite Action, Tjärnö, Sweden.
- 2018 Organizer of the Symposium "Towards an Integrated Understanding of Genomic and Phenotypic Divergence", ESEB, Montpellier, France.
- 2018 Main organizer of the Outreach Workshop "Tackling Creationism in Serbia: Effectively Communicating Evolution in High-Schools", Belgrade, Serbia.
- 2015-19 Main teacher and responsible for the MSc level course "Computational Biology B", Department of Physics, Univ of Gothenburg, Sweden.
- I am currently an Assistant Teacher for two undergraduate courses at the Department of Marine Sciences, UGOT: "Evolutionary Biology" and "Marine Databases and Modelling". I have served as an Assistant Teacher for multiple other courses including Artificial Neural Networks (2015-19 & 2010-13; MSc level), Introduction to Computers (2013; undergraduate level), Computational Biology B (2010-14; MSc level), Dynamical Systems (2010-12; MSc level), Computational Biology A (2009-14; MSc level).
 - I regularly serve as examiner for Master Thesis at UGOT.

SUPERVISION

Current: 1 Bachelor (main supervisor).

Earlier: Acting main supervisor for 1 PhD (defended in October 2022), 1 Postdoc, and 2 Masters. Acting co-supervisor for 4 Masters.