Curriculum vitae

Dr. **Muff Stefanie**

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Education

09.2009–05.2011	Certificate of Advanced Studies in Applied Statistics Swiss Federal Institute of Technology (ETH), Zurich.
05.2004–12.2008	PhD thesis University of Zurich, Computational Structural Biology group of Prof. A. Caflisch. Graduation with highest honors.
10.2003–04.2008	Teaching diploma in Mathematics (Höheres Lehramt) University of Zurich.
10.1998–10.2003	Master in Mathematics University of Zurich. Minors in Computer Science and Biology. Graduation with highest honors.

Current position

Since 09.2024	Professor in Statistics Department of Mathematical Sciences, Norwegian University of Science and Technology (NTNU), Trondheim, Norway.

Previous positions

09.2019–09.2024	Associate Professor in Statistics Department of Mathematical Sciences, Norwegian University of Science and Technology (NTNU), Trondheim, Norway.
02.2016–05.2019	Senior Scientist in Biostatistics Department of Biostatistics at the Epidemiology, Biostatistics and Prevention Institute, University of Zurich.
02.2016–07.2019	Senior Scientist in Ecological Statistics Department of Evolutionary Biology and Environmental Studies, University of Zurich.
08.2017 – 01.2018	Visiting researcher Centre for Biodiversity Dynamics, Norwegian University of Science and Technology (NTNU) Trondheim, Norway.

02.2012 – 01.2016	Postdoc in Biostatistics and Ecological Statistics Department of Biostatistics at the Epidemiology, Biostatistics and Prevention Institute *and* Department of Evolutionary Biology and Environmental Studies, University of Zurich.
03.2009–01.2012	Lecturer for Mathematics and Statistics Zurich University of Applies Sciences.
02.2010–12.2012	Temporary lecturer for *Bioinformatics* and *Biomathematics* University of Zurich and ETH Zurich .
05.2004–12.2008	PhD studentship, University of Zurich.
11.2003–12.2003	IAESTE student exchange, Technical University of Kyiv.

Teaching experience

Since 2019	Various teaching duties at NTNU, Norway.
2017 – 2019	Course design and lecturer for"Data Analysis for Biologists", UZH; Bachelor level.
2014 – 2019	Co-teaching of various classes in the "Biostatistics Mater" programme and practical Statistics classes for Medicine at Bachelor level, UZH.
2010 – 2012	Teaching assignments for Bioinformatics and Biomathematics, UZH and ETH Zurich; Master level.
2009 – 2012	Lecturer for Mathematics, Statistics and Physics, ZHAW; Bachelor level.
2001 – 2003	Teaching assistant in Mathematics, UZH; Bachelor level.

Supervision of junior researchers

- Currently main supervisor of 2 PhD students (Janne C. Hetle Aspheim, Kenneth Aase) and 2 Master students.
- Currently co-supervisor of 2 postdocs and 2 PhD students.
- Main supervisor of 2 finised PhD students.
- Main supervision of > 15 Master and Bachelor theses.
- Supervision of numerous semester projects.

Other relevant professional experience

Since 2025	PI for an ERC Consolidator grant project *Prediction of genetic values and adaptive potential in the wild (GPWILD)* with 1.7 Mio Euro.
Since 2023	Project partner on RCN project *Integrating past evolution, adaptive capacity, and dispersal in population viability analysis under climate change (ADAPT)* with 1.65 Mio Euro.

Since 2021	Project partner on RCN project *Early-life eco-evolutionary dynamics of variable seasonal migration* with 1.35 Mio Euro.
2020–2024	Project partner on RCN project *The importance of inbreeding and drift in conservation of subdivided populations* with 1.25 Mio Euro.
2020	Co-organizer of the 12th Trondheim Symposium in Statistics.
2019	Co-organiser of workshop "Advances in Habitat-Selection Modeling: Models, Methods, and Software for Quantifying Among-Individual Variation in Movement and Habitat Selection Using Fine-Scale Telemetry Data" at the Wildlife Society's Joint Annual Conference in Reno, Nevada.
2014	Co-organiser of "Bayesian Biostatistics", Zurich (Satellite conference of the International Biometric Conference).

Honors

- Outstanding PhD thesis, University of Zurich, 2008 (top 5% of UZH graduates).
- Outstanding Diploma in Mathematics, University of Zurich, 2003 (magna summa cum laude).

Peer-reviewing activities

Journals and panels

Annals of Applied Statistics, *Bayesian Analysis*, *Biometrical Journal*, *Biometrics*, *Biostatistics*, *BMC Medical Research Methodology*, *Communication in Statistics*, *Evolution*, *Evolution Letters*, *Journal of Agricultural, Biological, and Environmental Statistics*, *Journal of the Royal Statistical Society*, *Journal of Evolutionary Biology*, *Journal of Animal Science and Biotech.*, *Methods in Ecology and Evolution*, *Nature Ecology and Evolution*, *PlosOne*, *Statistics in Medicine*, *Statistical Methods in Medical Research*, *Statistical Papers*, *The American Statistician*, *Theoretical Biology and Medical Modelling*, *Trends in Ecology and Evolution*, *Physical Review E*

Review panel Swiss National Science Foundation (SNSF)

Languages

German:	Mother tongue
English:	Fluent; very good written and oral skills
Norwegian:	Fluent; good written and oral skills
French:	Conversational; good written and oral skills
Spanish:	Basic skills