

Linnéa Sandell Curriculum vitae

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Research & Education

Royal Institute of Technology Laboratory manager, 2024-ongoing

Ordering, billing, and work environment. Organize common spaces. Conduct introductory tours to the workplace. Write monthly newsletter regarding ongoing activities in the lab. Chemical inventory in KLARA.

Swedish University of Agricultural Sciences Researcher, 2023-2024

Project management. Compile data sets from different studies. Data management in R. Version control in git. Statistical analysis with general linear mixed effect models (GLMMs).

Uppsala University Postdoctoral researcher, 2021-2023

Project management. DNA extraction, primer design, PCR, vector construction, site directed mutagenesis, transformation and plasmid purification in *Escherichia coli* and gap repair in *Saccharomyces cerevisiae*. **Supervision** of students. Organize seminars. Write scientific articles.

University of British Columbia, Vancouver, Canada. Doctoral student in Zoology, 2015 - 2021

Project management. Experimental design. High throughput methods with *Saccharomyces cerevisiae*. Microscopy. Flow cytometry. Programming and **statistical analysis in R** (GLMMs). Develop bash scripts for use in bioinformatic pipelines on computer clusters and analysis of **Next Generation Sequencing** data. Supervision of students. Presentation of research results. **Write** scientific articles. **Volunteer** at the Biodiversity museum, and in Let's Talk Science (outreach for elementary school). **President** and member in several societies at St John's College. Coordinator for scientific discussion groups.

Groningen university, Groningen, the Netherlands. MSc. i Ecology and Evolution, 2013 -2015

Programming in C++. Develop bash scripts for use in **bioinformatic pipelines** on computer clusters and analysis of Next Generation Sequencing data. **Volunteer** at Dutch Royal Zoological Conference Individual Differences (2013).

Montpellier II, Montpellier, Frankrike. MSc. in Evolutionary biology, 2013 - 2015

Programming in Mathematica. Models in quantitative genetics. [Blogger](#).

Uppsala university, Uppsala, Sverige. BSc. in Biologi, 2010 - 2013

Optional courses: Research internship, Marine biology, Flora och fauna. **Microsoft Works**.

St Eskils gymnasium, Eskilstuna, Sverige. International Baccalaureate. 2006 - 2009

Teaching

Teacher assistant **University of British Columbia**, Vancouver, Canada, 2015 - 2021.

Courses in laboratory work, biomathematics, evolutionary biology and genetics.

Supervision of MSc student (Sweden) and BSc students (Canada and Sweden)

Diplomas

- **Instructional Skills Workshop**, UBC Centre for Teaching, Learning and Technology, 2016
- Alla Lika Alla Olika (All Different All Equal) Certified education in norm critical pedagogy, value based leadership, and interactive exercises. 2009

Other

Fluent English and Swedish. Good knowledge of French and Portuguese. Drivers license.