

## Interested in a project in bee genomics?



[Matthew Webster's lab](#) at Uppsala University uses next generation sequencing to study evolution, population genetics, functional genomics and conservation of biodiversity in bees. We are currently mainly funded by Vetenskapsrådet, Formas and Naturvårdsverket.

A number of possible projects for master's students are available which would be suitable for students interested in bioinformatics, lab work, and/or field work. Some potential projects are:

- 1) Genome assembly and analysis of intraspecific genetic variation in common and threatened wild bee species (see [link](#)).
- 2) Identification of genes that control sex determination in a wild bee species.
- 3) Control and evolution of recombination rate in social insects.
- 4) Analysis of genetic variation, speciation, gene flow and population history in arctic bumblebees.

We are very interested to hear from motivated students interested in a project on these topics.

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