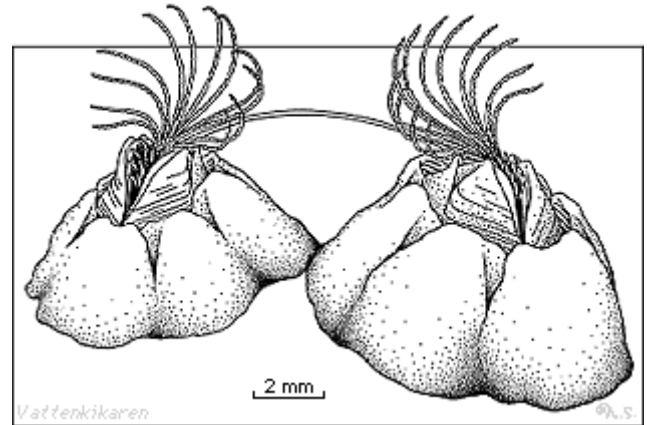


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I study sex and reproduction in marine invertebrates. I am using barnacles as a model system to study investment into reproduction, rewards from that investment, reproductive behaviors and limitations on reproductive ability. Barnacles are simultaneous hermaphrodites and they reproduce by copulating with their neighbors. There are several aspects of research that will be carried out as part of this project, including processing preserved specimens, staining, photographing and measuring organs dissected from specimens, setting up mating experiments in the field and carrying out genetic paternity analysis on adult barnacles and their larvae.

By participating in this project, you will develop the following skills:

- Practical marine ecology in the field
- Working with live invertebrates
- Set-up and maintenance of field experiments
- Advanced microscopy techniques
- DNA amplification, microsatellite analysis and interpretation