

## What about doing an internship in our Ecology and Evolution Group at Evenstad?

### We are seeking practice students to work on our crucian carp project!

Crucian carp (*Carassius carassius*) shows remarkable plasticity in several aspects of its physiology and ecology involving differences in morphology, population structure and life-history traits. The goal of this project is to find the exact mechanism behind the phenotypic plasticity of crucian carp body shape, and see how this is related to different predators and the availability of food. Study area comprises lakes and ponds from southeast Norway, mostly in Østfold, Oslo and Akershus. The project involves both fieldwork and laboratory work.

**Next fieldwork will take place within the period from May to October 2019!**



*Deep-bodied and shallow-bodied crucian carps from predator and predator free lakes. Why the size and the shape of these two fishes are so different? Are they the same age?*

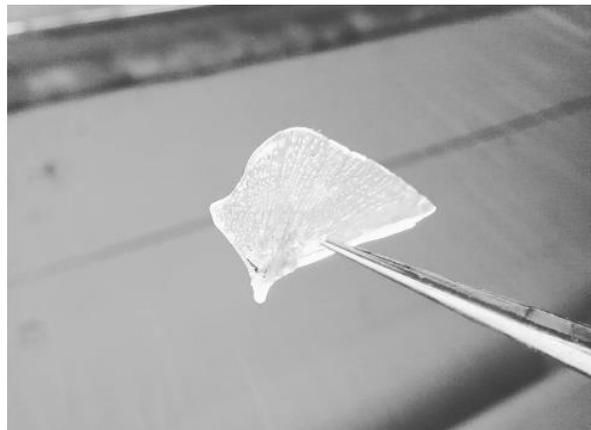
### What we will do:

- collect crucian carp and other fish species with traps and nets
- register some environmental parameters of lakes
- collect zooplankton and benthos samples
- collect genetic samples from crucian carp
- take pictures for morphometric analysis
- collect biological parameters in the laboratory such as fish length, weight, sex and maturity stage, scales and opercula for age determination, stomachs for diet analysis
- handling and input of data



### Requirements:

Be comfortable working with fish, willingness to work long days in the field no matter what weather or how many mosquitoes, be part of a group and help out with cooking and cleaning, and contribution to a good social environment and a cheerful atmosphere. A driving license is an advantage, as well as use of fishing gear and some laboratory experience, but training in the appropriate methods will be provided.



## **The Ecology and Evolution Group has many different projects going on!**

The fieldwork is quite diverse regarding the different projects, and we aim to constitute a fieldwork group, and distribute the various task among the participants. This means that there are opportunities to work on one or several of the project during the season. The interns can have the opportunity to participate in many various tasks, and to learn and have experience with several different scientific methods.

For internships with the Ecology and Evolution Group, please contact [Antonio.poleo@inn.no](mailto:Antonio.poleo@inn.no) or [Elisabeth.riseth@inn.no](mailto:Elisabeth.riseth@inn.no)

