

## **PhD fellowship in feed and nutrition of wolf fish at University of Nordland: Bodø, Norway**

A three-year PhD fellowship in feed and nutrition of wolf fish is available at the University of Nordland, Faculty of Biosciences and Aquaculture (Bodø, Norway).

### **University of Nordland**

The University of Nordland (UiN), located in Bodø, Norway, offers studies at the Bachelor's, Master's and PhD level. Each year, students are admitted to more than 100 study programmes within professional studies and theoretical disciplinary studies. UiN offers PhD programmes in Business, Sociology, Aquatic Biosciences, and Professional Studies. Today we have more than 6000 students and 600 staff members on campus Bodø, Helgeland and Vesterålen.

### **Faculty of Biosciences and Aquaculture (FBA)**

FBA is responsible for research, teaching and dissemination of knowledge within biosciences and aquaculture. In recent years, FBA has undergone a major development in terms of students, faculty and infrastructure. Today FBA stands as an internationally diverse academic environment. The Faculty has approximately 100 employees in professional and technical/administrative support functions.

The teaching at the Faculty is research-based. FBA offers Bachelor's programmes in Biology, International Marketing, Aquaculture Management, Animal care and a unique Joint Bachelor Degree in Animal Science that grants students direct transfer to the veterinary studies at University of Veterinary Medicine and Pharmacy in Slovakia. Moreover, we offer Master's programmes in Aquaculture and Marine Ecology, and a PhD programme in Aquatic Biosciences.

FBA aims to be a leading international arena in the High North for education, research and knowledge dissemination in aquaculture and marine ecology, fostered by a unique genomic platform and characterized by strong interaction between the disciplines. The Faculty possesses new, state-of-the-art laboratory facilities and operates a Research Station about 10 minutes from campus. The Faculty seeks to strengthen the relations between students, the research community, public sector and the industry.

For more information, see The Faculty's website: <http://www.uin.no/en/bioscience-aquaculture/Pages/default.aspx>

### **About the PhD fellowship**

FBA is currently inviting applications for a three-year PhD fellowship affiliated with the Strategic Research Group Aquaculture. The successful candidate will join the developmental biology & reproduction research unit. The proposed PhD research aims to improve the knowledge on the early developmental biology of wolf fish by focusing on feed, nutrition and digestive capacity, thereby contributing to the production of robust and healthy juveniles.

Spotted wolfish is a new and promising species for aquaculture in Norway. Optimal feed and feeding regimes is important to ensure a robust fish with good growth performance, normal organ development and strong disease resistance. The knowledge on nutritional requirements in wolfish is limited, and the function and development of the digestive system is only partly known. Testing of alternative formulated diets including growth and health promoting feed ingredients will be an important part of the work. Short and long-term effects of these alternative feeds, feed additives and feeding regimes will be evaluated as robustness in terms of survival rate, growth performance and disease resistance.

### **Qualifications and requirements**

The candidate should hold a Master of Science degree (or equivalent) in marine fish larval nutrition in one of the following fields:

- Functional feed ingredients
- Digestive physiology
- Developmental biology
- Nutritional biochemistry

Experience in marine hatchery operations and fish larvae experiments will be advantageous for the position.

The grades at the qualifying MS examination needs to be C or better (ECTS scale from A-E, A being the best grade). Good communication skills in English, both oral and written, are required. International applicants need to document proficiency in English equivalent to the Norwegian Higher Education Entrance Qualification. English proficiency should be certified by internationally recognized examination/test such as TOEFEL, IELTS, APIEL or similar.

The position requires a highly motivated and systematic candidate capable of working independently and in teams.

The successful candidate will join the PhD programme in Aquatic Biosciences at the University of Nordland and is expected to complete a doctorate within the three-year project period. The candidate should fulfill the admission requirements of the aforementioned PhD programme at the Faculty of Biosciences and Aquaculture, and participate in the training components stipulated in regulations of the PhD program. Application for admission to the programme must be submitted within three months after taking up the position. For admission requirements and regulations, see our web page.

### **Salary and Working Conditions**

The salary for PhD candidates is set at wage level 50 in the Norwegian State Salary Scale (approximately NOK 427 700 per year).

As an employee at the University of Nordland you become a member of the Norwegian Public Service Pension Fund and you will also get access to other social benefits. A statutory amount to the Norwegian Public Service Pension Fund will automatically be deducted from the salary.

The successful person must abide by the laws, agreements and directives that apply to the position at any time.

According to the employment policy of the institution, our staff should reflect the population in general. We encourage candidates with minority background to apply for the position. The University practices moderate allocation according to sex quotas in accordance with the Basic Agreement for the Civil Service.

### **Contact Information**

For further information, prospective applicants can direct their questions to professor Mette Sørensen ( [mette.sorensen@uin.no](mailto:mette.sorensen@uin.no) , phone [+47 75 51 76 18](tel:+4775517618) ) or associate professor Ørjan Hagen ( [orjan.hagen@uin.no](mailto:orjan.hagen@uin.no) , phone [+47 75 51 74 52](tel:+4775517452) )

Application

Applicants for the position are requested to send an application in which the motivation for applying is clearly stated, a complete CV (education, scientific publications as well as work experience) and certified copies of educational certificates. Other relevant qualifications should also be documented.

All documents must be uploaded as attachments to the electronic application form.

Use the link below to apply for the position:

<http://www.jobbnorge.no/ledige-stillinger/stilling/111691/phd-fellowship-in-feed-and-nutrition-of-wolf-fish>

Please note that only Applications submitted via the link provided in the Application form will be considered

**Application deadline: April 13th 2015.**

After expiry of the application deadline a publicly available applicant list will be announced. Here we would like to draw attention to the fact that information about the applicant can be published, even though the applicant wishes this information to be left out. Applicants nevertheless asking for confidentiality must specifically explain the reasons for this in their application. The applicants will in which case be given advance notice of announcement.

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