Ph.D. study
Specialist in biological and Biologically-related fields

Activities:
• Daily Ph.D. study in discipline of Fishery;
• Work on own Ph.D. thesis topic (List of available Ph.D. thesis topics and contact to supervisors you can find below);
• Publication of manuscripts in Q1-Q3 journals;
• Presentation of results at international conferences, faculty seminars, realization of research internships abroad;
• Practice at faculty facilities;
• Tuition in field of study, consulting or supervising of bachelor or master students,
• Supervising of summer school projects;
• Other activities within given research unit.

Requirements on applicants:
• Successfully completed master study in fisheries, biology, agriculture, chemistry, veterinary or related fields;
• Admission into Ph.D. study program Fishery at USB FFPW, full-time form of study;
• General knowledge of biology, aquatic ecology and chemistry;
• English language knowledge minimally at B1 level;
• User knowledge of PC work – MS Office (Word, Excell, PowerPoint, Outlook);
• Communicativeness, responsibility, thoroughness, organizational ability, willingness to learn new things, stress resistance.

We offer
• Nice working environment in new faculty infrastructures;
• Study and work in international collective;
• Possibility for personal and professional development;
• Other benefits (5 weeks holiday, 4 days of indisposition vacation, MS Office for private usage);

Position start: **February - March 2022**
Working hours: **reflecting full work load (40 hours a week)**
Duration of position: 4 years (based on the duration of Ph.D. study)
Net month income: 15 200 - 20 000 CZK (based on the study results)
Place of work: based on the selected supervisor (RIFCH, Zátiší 728/II, Vodňany; IAPW, Husova tf. 458/102, České Budějovice; ICS, Zámek 136, Nové Hrady)

Get in contact with supervisor written by the selected theme. **In case of a mutual deal, complete the application to study.** Applicants for position should submit application to Ph.D. study at USB FFPW to address: Faculty of Fisheries and Protection of Waters, Office for Ph.D. study and foreign relationships, Zátiší 728/II, 389 25, Vodňany, Czech Republic or into e-mail lkacerova@frov.jcu.cz within **November 14, 2021**.

Topics for dissertation thesis for DSP Fishery 2021/2022 – 2nd call

M.Sc. Bakht Ramin Shah, Ph.D. – bshah@frov.jcu.cz, +420 38777 4648
• Nanotechnology-based delivery systems for bioactive compounds in fish

M.Sc. Serhii Boryshpolets, Ph.D. – sboryshpolets@frov.jcu.cz, + 420 38 777 4615
• Effect of viscosity on fish sperm motility

M.Sc. Olga Bondarenko, Ph.D. – obondarenko@frov.jcu.cz, +420 38 777 4607
• Potassium signaling in fish spermatozoa

MVDr. Veronika Piačková, Ph.D. – piackova@frov.jcu.cz, + 420 38 777 4621
• Use of molecular methods in the diagnostic of infectious fish diseases

doc. Ing. Martin Kocour, Ph.D. – kocour@frov.jcu.cz, + 420 38 777 4612
• Genetically improved stocks of common carp – impacts and challenges in Central European Pond management conditions

doc. Ing. Tomáš Policar, Ph.D. – policar@frov.jcu.cz, + 420 38 777 4606
• Production of monosex populations in pikeperch (Sander lucioperca) and their using in aquaculture
• Basic aspects of controlled culture of Danubian salmon (Hucho hucho) and its potential for intensive aquaculture

Mgr. Tomáš Korytář, Ph.D. – tkorytar@frov.jcu.cz, +420 38 777 4681
• Deciphering the mucosal immunity in common carp

doc. Ing. Jan Mráz, Ph.D. – jmaraz@frov.jcu.cz, +420 38 777 4643
• Nutrition in aquaponics

• Preservation of fish quality

Ing. Martin Bláha, Ph.D. – blaha@frov.jcu.cz, +420 38 777 4611
• Fish pond management and its impact on surrounding ecosystems