2020/2021 WORK STUDY PROGRAM

JOB POSTING

JOB TITLE: BIOL1_Genetics Research Assistant (RA)

DEPARTMENT NAME: BIOLOGY

CONTACT NAME: Dr. John Taylor

JOB DESCRIPTION:

We carry out parentage analyses and opsin gene expression research in sablefish (*Anoplopoma fimbria*). Parentage studies can identify especially productive males, females and male-female pairs. Opsin genes encode light-sensitive proteins expressed in eyes, but also in non-ocular tissues (e.g., brain). The work-study RA will learn to extract DNA and mRNA from fish tissue samples (for example, from fin clips) and will assist graduate students with PCR experiments for genotyping individuals at microsatellite loci and for quantify opsin gene expression in a diversity of tissues.

QUALIFICATIONS:

Enrolment in, or completion of, BIOL230 (Genetics) and/or BIOL225 (Cell Biology) or equivalents from another institution. Laboratory experience helpful but not required.

JOB LOCATION ON-CAMPUS: Petch Bldg Rm 020

WORK STUDY WAGE: $15.50/hour (including 4% vacation pay)

DEPARTMENT TOP UP: $1.00/hr for students who have not completed one of BIOL 225, BIOL 230; or $2.00/hr for students who have completed one of BIOL 225, BIOL 230.

HOURS AVAILABLE: 120 hrs

HOW TO APPLY:

Please send your CV, a short (1-page) letter explaining why you are interested in the position, and unofficial transcripts, to Dr. John Taylor (taylorjs@uvic.ca).