JOB TITLE: BIOL14 - Fisheries Ecology Research Assistant

DEPARTMENT NAME: Biology

CONTACT NAME: Francis Juanes

JOB DESCRIPTION:

Fish growth may involve trade-offs between predation risk and reproductive success. In many species, prior growth histories are archived in the otoliths (‘ear bones’) allowing ecological questions about growth rate to be addressed. This project will involve processing otoliths from Coho Salmon to examine relationships between growth history and marine migration. The student will be responsible for obtaining digital photographs of otoliths using a microscope and measuring growth intervals using digital measurement software. The student may also be involved in polishing otoliths for examination of internal microstructure and/or laser ablation mass spectrometry to analyze microchemical composition. The student may also participate in other otolith projects ongoing in the lab, including the use of otoliths to infer the size of prey fish consumed by Chinook Salmon. In addition to sample processing the student will be responsible for data management and may participate in data analysis and interpretation.

QUALIFICATIONS:

Biology major
Detail-oriented

JOB LOCATION ON-CAMPUS: Petch 118

WORK STUDY WAGE: $14.50/hour (including 4% vacation pay)

DEPARTMENT TOP UP:

HOURS AVAILABLE: 120

HOW TO APPLY: Please send cover letter, resume, and unofficial transcripts via email to: juanes@uvic.ca

Applicants must be eligible for Work Study Program
For details go to: http://www.uvic.ca/registrar/safa/work-study/index.php