

Laboratory Technician/Manager - Boston College

The McMenamain Lab at Boston College is looking for a qualified and highly motivated person to serve as a technician or manager for the lab. The McMenamain lab uses highly interdisciplinary approaches answer fundamental questions about skull morphogenesis, the molecular and endocrine regulation of developmental coordination, and the evolution of life history variation in vertebrates. We use the zebrafish model to study the effects of thyroid hormone on development of the craniofacial skeleton. Over the next year, our NIH-funded lab will grow to 4-5 graduate students, technicians and postdocs and 3-7 undergraduates. Please see <https://sites.google.com/a/bc.edu/mcmenamain-lab/> for more information about the lab.

Institutional Environment: Founded in 1863, Boston College is an R1 university located six miles from downtown Boston with an enrollment of 9,150 full-time undergraduates and 4,420 graduate and professional students. Ranked 31 among national universities, Boston College has 758 full-time and 1,096 FTE faculty, 2,750 non-faculty employees, an operating budget of \$956 million, and an endowment in excess of \$2.2 billion. The BC Biology Department supports many NIH- and NSF-funded research labs with expertise in cell and developmental biology, microbiology and immunobiology, and bioinformatics. The Department offers state-of-the-art research laboratories and core-research support facilities.

Primary responsibilities:

- Helping to manage our zebrafish colony; overseeing the schedules for feeding and husbandry; breeding and maintaining fish lines; interfacing and coordinating with the animal care facility staff
- Working closely with the PI to manage our molecular lab; ordering reagents and other supplies and maintaining laboratory equipment
- Training and supervising students in the lab
- Lab administration, including lab safety and IACUC reporting; record keeping and maintaining the lab website
- Molecular and developmental biology bench work and microscopy; data analysis; contributing to the writing and editing of publications and proposals

Requirements:

- Bachelor's degree in Biology or a related field
- 1-2 years laboratory experience (undergraduate experience is fine, as long as it was outside of a class)
- Working knowledge of fundamental biological concepts and ability to apply knowledge in varied situations
- Excellent communications skills and attention to detail; ability to work both independently and as part of a team

Preferred Qualifications:

- MS in Biology, Developmental Biology or related field
- Experience in the zebrafish system, fluorescent microscopy, endocrinology, bioinformatics and/or molecular biology
- Experience as a supervisor
- Evidence of precise and accurate record keeping
- Highly interested in our research program and enthusiasm to master new techniques

Position: Full time position, salary will be commensurate with experience. Initially a 6 month appointment, to be renewed as appropriate.

Application: Please submit a (1) cover letter with at least 3 references, (2) CV, (3) a brief description of research interests and experience to mcmenam@bc.edu. Position is open until filled.

Women, minorities, veterans, LGBTQ and disabled individuals are particularly encouraged to apply.

Boston College conducts background checks as part of the hiring process.