

**SESSIONAL APPOINTMENT IN
MOLECULAR BIOLOGY AND BIOCHEMISTRY
Burnaby Campus**

The following Sessional appointment is expected to be available in the Department of Molecular Biology and Biochemistry during the FALL 2019 SEMESTER (September 3, 2019 – December 24, 2019).

Sessional Instructor

MBB 243-3

Data Analysis for Molecular Biology & Biochemistry

Salary: \$8091

2 hrs. lecture and 2x2 hrs. scheduled lab at Burnaby Campus

Lecture: Wed 2:30 pm – 4:20 pm

Lab: Wed 4:30 pm – 6:20 pm, Thu 2:30 pm – 4:20 pm

Course description: Introductory data analysis focusing on molecular biology data sets and examples and including basic programming skills using Python and basic statistics skills using R.

Prerequisite: MBB 222 and MATH 152 or MATH 155. STAT 201 (or an equivalent statistics course) or STAT 270 is recommended. Please also refer to the course outline at:

<http://www.sfu.ca/outlines.html?2019/fall/mbb/243/d100>.

Minimum qualifications: M.Sc. in molecular biology, biochemistry, computer science, or related discipline or 3 plus years of bioinformatics research experience. In addition to the ability to instruct students in Python and R, must have an understanding of molecular biology, molecular sequencing, quantitative DNA analysis, genome annotation and genome-scale sequences.

Recommended qualifications: Ph.D. in a relevant discipline, teaching experience at the post-secondary level.

To apply, please prepare a cover letter, curriculum vitae, and contact information for three references **as a single file in portable document format (PDF)**. Complete the on-line application form and submit the prepared PDF package at <https://advance.science.sfu.ca/mbb/application/>.

If you have questions, please contact Dr. Ingrid Northwood at inorthwo@sfu.ca.

Closing date for applications is June 14, 2019.

***Equity** The University is committed to the principle of equity in employment. (See [Policy GP 19](#).)*

***Privacy** The information submitted with your application is collected under the authority of the University Act (R.S.B.C. 1996, c.468, s. 27(4)(a)), applicable federal and provincial employment regulations and requirements, the University's non-academic employment policies and applicable collective agreements. The information is related directly to and needed by the University to initiate the employment application process. The information will be used to contact references supplied by you, evaluate your qualifications and complete the employment process by making a hiring decision. Applicant information may also be disclosed to the Teaching Support Staff Union in accordance with Article XIII F.3.1.b of the Collective Agreement. If you have any questions about the collection, use and disclosure of this information please contact the Associate VP, Human Resources, Simon Fraser University, Burnaby, BC V5A 1S6. Telephone 778-782-3237.*