Spring 2018

Submit an online application for Teaching Assistantship

Contact Maggie Yeung (myeung@sfu.ca) if you have any questions. See below for the list of courses.

Qualifications for TA/TM positions in the Department of Biomedical Physiology and Kinesiology:

Tentative T.A. Advertisement - Spring 2018

The Department of Biomedical Physiology and Kinesiology includes a wide range of specializations and, in order to be appointed, a person must have sufficient knowledge in the discipline of the course to interpret the course material, as demonstrated by either having a strong performance in the course or an equivalent, or through knowledge of the discipline and registration in a graduate degree in the discipline or applicable equivalent.

Appointments for the Spring 2018 (1181) semester run January 2nd, 2018 to April 27th, 2018. All applicants for TA/TM positions for the Spring 2018 semester are required to be present and available for all assigned work for the course(s) for which they are applying (i.e., scheduled exams and assignments, marking/grading, scheduled labs/tutorials, etc). This includes assignments for distance courses offered through CODE. All TAs and TMs (for Courses for Online Education) must be available to invigilate exams. TMs must be able to collect exams and course work for marking from, and return (once marked) to, the SFU Burnaby campus.

By submitting an application for assignment(s) in the Spring 2018 semester, you acknowledge these requirements and responsibilities.

Please note: Positions are not guaranteed. Appointments are conditional upon enrollment.
The following is a list of additional qualifications:

**BPK 141C** requires the TM to have knowledge of fitness conditioning programming. Typically the TM would have previously taken a strength and conditioning course and a basic exercise physiology course.

**BPK 142** is a first year survey course where a broad range of subject matter is taught. The TA should have knowledge in the following areas: anatomy, biomechanics, anthropometry, exercise physiology, environmental physiology, neural control of movement, and motor learning. BPK 142 requires the TA to have a current CPR certificate.

**BPK 143** requires the TA to have a current CPR certificate and demonstrable knowledge of fitness conditioning programming. Typically the TA would usually have previously taken a strength and conditioning course and ideally a basic exercise physiology course. In addition, the TA must be physically fit enough to demonstrate functional movements and participate in exercise sessions.

**BPK 207** requires the TA to have experience in motor learning, sensorimotor control and/or systems-level neuroscience.

**BPK 241** requires the TA to be a physiotherapist or chiropractor or massage therapist with experience working as a therapist for a sports team. In addition, the TA requires a current CPR certificate and a current Sports First Responder Certification.

**BPK 303** – the TA must be certified in anthropometric techniques and familiar with all 42 measures used in the course. Experienced in programming in EXCEL, SPSS, MATLAB. Experienced with REFWORKS and Mendeley.

**BPK 304W** is a Writing course. The W marker must have excellent writing skills and will be required to attend a W workshop or equivalent.

**BPK 326** – the TA requires to have extensive experience with vertebrate dissection and previous experience with recent offering of the course.

**BPK 340** requires that the scriptmarker must attend one hour of lecture on four separate occasions during the semester.

**BPK 407** requires the TA to have reasonable experience with most of the testing protocols used in this human physiology laboratory course. This includes extensive experience using the iWorx Human Physiology Testing kit. Successful completion of BPK 407 is also preferred. BPK 407 requires the TA to have a current CPR certificate.
The following is a list of additional qualifications (con’t):

**BPK 408W** is an upper-level cell biology/molecular physiology lab course, and the TA will be working closely with the instructor to support the students. Techniques we would need the TA have practical experience with include (most or all of): PCR, fluorescence microscopy, cell culture, basic molecular biology techniques. To give effective feedback on lab reports and student independent projects, the TA should have a general understanding of cell biology and regulation of gene expression; and strong writing/communication skills. Theoretical or practical knowledge of electrophysiology (e.g. BPK306 or BISC307 or similar) would be an asset.

**BPK 408W** is a Writing course. The W marker must have excellent writing skills and will be required to attend a W workshop or equivalent.

**BPK 415** requires the marker to have an advanced degree in neuroscience or very closely related field, extensive research experience directly related to a significant portion of the primary course topics, and have used several of the techniques or equipment discussed.

**BPK 420** requires the marker to have advance knowledge of vascular physiology. Experience in BPK 305 or similar knowledge (3rd/4th level) of vascular physiology would be an asset.

**BPK 443** requires the teaching assistant to have education and experience in exercise training prescription. The TA should have a current CPR certificate and preferably standard first aid as well. Preference will be given to those who have completed BPK 443 or equivalent and who have background in strength and conditioning training and coaching and/or in active rehabilitation.

**BPK 446** requires the marker to have advanced knowledge of Neuroscience and Immunology and evidence of experience in those fields preferably with a graduate degree

**BPK 448** – In order to be qualified to TA BPK 448, candidates must be familiar with current and emerging approaches that can restore or replace key functions of affected muscles or organs, including advanced neuroprosthetic therapies that use targeted electrical stimulation to protect, restore or enhance voluntary control of basic functions and/or support independence in activities of daily living, and their relative risks, ethics, costs, & benefits.

Please find the TA/TM appointment priorities in BPK [here](#).

Please find the BPK Courses in Spring 2018 Calendar [here](#).
ASSIGNMENT OF WAGE FORM

GENERAL PRIVACY AND CONFIDENTIALITY AGREEMENT

Equity: Simon Fraser University is committed to the principle of equity in employment.

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. If you have any questions about the collection and use of this information please contact the Executive Director, Human Resources, Simon Fraser University, Burnaby BC V5A 1S6. Telephone 778-782-3237.