Biological Engineering Laboratory Technician

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Office, Clerical and Technical

Position covered by the Collective Agreement with USW Local 4120

Biological Engineering Laboratory Technician

School of Engineering
College of Engineering and Physical Sciences

Temporary full-time from March 19, 2018 to April 12, 2019
Temporary absence of the regular incumbent

Hiring #: 2018-0054

Please read the Application Instructions [1] before applying

Reporting to the Technical Services and Laboratory Manager, the successful candidate will primarily be responsible for supporting undergraduate and graduate student activities in the School of Engineering’s Biological Laboratories, two of which are designated as Biohazard Level II.

Responsibilities include: instructing students; assisting students with the collection and analysis of experimental data; maintaining and calibrating the laboratory equipment; obtaining quotes from equipment suppliers; training students and GTA’s how to use equipment; providing assistance in designing, planning and executing experiments; keeping all records regarding safety up to date; ensuring that all activities are conducted in a safe manner; as needed, delivering laboratories to undergraduate students; participating on School of Engineering committees to assist in setting up experiments and conducting lab tours; under the direction of faculty, developing new laboratory experiments as courses evolve or technology changes and will be involved in the building of new equipment. Some of the courses that these laboratories support are Food Engineering, Bioprocessing Engineering, Bioreactor Design, Biomechanical Design, and Biomaterials. The incumbent will also provide back up to other technicians.

Requirements of the position include: Three year Community College program in Biological Engineering Technology or Biotechnology Technician (B.Sc. in a related field preferred) plus at least three years of related experience, or an equivalent combination of education and experience.

Additional requirements include: knowledge of the operation of a laboratory; experience in research methodologies and techniques; experience with the following equipment and instrumentation: Instron Material Testing Systems, Matlab software and data acquisition systems using Labview, bioreactors, biocontainment cabinets, mass transfer apparatus, analytical chemistry, food and agricultural biotechnology, dissolved oxygen monitors and probes; excellent organizational skills; computer skills; and strong communication skills, including public speaking skills. Ability to work in areas of microbiology and biotechnology, especially in food, water analysis, using scientific instruments, and proficiency in analytical chemistry experiments would be an asset.

Covering Position Number 126-080
Classification USW, Local 4120 Salary Band 6*
Normal Hiring Range $26.38 - $29.48 per hour

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. At the University of Guelph, fostering a culture of inclusion [2] is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to
further diversification of our Institution.

*Tentative evaluation; subject to committee review.

Posting Date: 2018 02 12
Closing Date: 2018 02 20

Source URL: https://www.uoguelph.ca/hr/careers-guelph/current-opportunities/biological-engineering-laboratory-technician

Links
[1] https://www.uoguelph.ca/hr/careers-guelph/how-apply