Laboratory Technician, Urolith Lab

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Position covered by the Collective Agreement with USW Local 4120

Laboratory Technician, Urolith Lab

Diagnostic Unit, Agricultural & Food Laboratory, Laboratory Services Division

Hiring #: 2022-0630

Please read the Application Instructions [1] before applying

The Urolith lab, part of Analytical Microscopy, provides analysis of the composition of veterinary uroliths for client veterinarians to aid in the long-term treatment of the affected animal. Analytical Microscopy also conducts accredited testing of pork samples for trichinosis detection for provincial and private clients. The successful applicant will be responsible for: receiving, organizing and preparing uroliths for analysis; scheduling incoming submissions to ensure stated turn-around times are met; accurately analyzing the chemical composition of uroliths using a variety of microscopic methods combined with case history data; preparing pork samples (trim, cut and weigh samples) and perform testing for trichinosis detection; reporting results to clients via electronic methods within client-defined deadlines; entering results into LIMS; responding to client inquiries; ensuring specimens are properly and safety filed, stored, disposed of; and will operate laboratory equipment according to established standard operating procedures.

Requirements of the position include: Three year Community College diploma with an emphasis on laboratory and science related courses with specialized training in light and electron microscopy, combined with a minimum of one year related experience, or an equivalent combination of education and experience. Additional requirements include: demonstrated knowledge of and working experience with, light and electron microscopes, crystallographic methods, x-ray microanalysis systems and, Fourier transform infrared (FTIR) spectroscopy and infrared (IR) microscopes; a demonstrated ability to accurately identify composition of uroliths using the preceding methods; experience working with a variety of samples, including those with unpleasant foul odours or fluids; demonstrated experience in a variety of sample preparation methods including repetitive cutting/chopping skills in a high-volume environment; excellent dexterity and fine motor skills to precisely cut and hand grind mineral samples; ability to lift 3 litres of acid to 1.3m and pour accurately and safely into a funnel; exceptional organizational, communication and interpersonal skills and ability to work in a team environment with tight, client-driven deadlines; strong client-service background and experience conferring with clients, combined with an understanding of the requirements of working in a client-focused organization; proven ability to accurately capture images using cameras and microscopes; knowledge of ISO standards and a Quality Management System (QMS); understanding of Health & Safety and WHMIS within a laboratory environment.

<table>
<thead>
<tr>
<th>Position Number</th>
<th>483-030</th>
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<tbody>
<tr>
<td>Classification</td>
<td>USW, Local 4120 Salary Band 5*</td>
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<tr>
<td>Salary Range</td>
<td>$25.92 Minimum</td>
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<td>$28.96 Normal Hiring Limit</td>
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<td>$35.08 Job Rate</td>
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*Tentative evaluation; subject to final review.

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.
Posting Date: 2022 09 13
Closing Date: 2022 09 20

Page category: Current Opportunity [3]