

## Graduate Student Position (M.Sc.) Available

**Project Title:** Development of a porcine model of tuberculosis infection and transmission

**Institution:** VIDO-InterVac, University of Saskatchewan  
120 Veterinary Road, Saskatoon, SK S7N 5E3

**Start Date:** January 2018

**Program of Study:** Master's degree (M.Sc.) in Veterinary Microbiology with the possibility of continuing towards a Doctorate degree (Ph.D.). For more information visit:

<https://www.usask.ca/wcvm/departments/microbiology/>

**Project Description:** We are seeking a motivated candidate to expand on our on-going development of a porcine model of human tuberculosis infection and aerosol transmission. This animal model will enable us to address outstanding questions in TB aerobiology, pulmonary immunology and pathogenesis, and provide a strategic platform to evaluate novel TB drugs and vaccines.

**Financial Support:** The project is fully funded and the candidate is guaranteed a stipend during their graduate education and training, but will be expected to apply for internal and/or external scholarships. For more information visit:

[https://www.usask.ca/wcvm/graduate\\_programs/microbiology/tuition.php](https://www.usask.ca/wcvm/graduate_programs/microbiology/tuition.php)

**Research Advisor:** Jeffrey Chen Ph.D. For more information on this researcher, visit:

[https://www.usask.ca/wcvm/wcvm\\_people/profiles/chen\\_jeffrey.php](https://www.usask.ca/wcvm/wcvm_people/profiles/chen_jeffrey.php) or  
<http://www.vido.org/team/project-leaders/jeffrey-chen>

**Candidate Profile:** Must hold an undergraduate degree either in Animal Science, Genetics, Immunology, Microbiology or related sciences. A working knowledge of immunological techniques would be an asset. Most importantly, the candidate must be **1) highly motivated and creative, 2) diligent, including a willingness to work on weekends, and 3) proficient in English (spoken and written).** The candidate will be required to work under **high-security biocontainment level-3 conditions** after extensive training. As such, the candidate **must be willing to undergo a full criminal and security background check** prior to joining the lab.

**How to Apply:** Interested candidates must submit electronically, **one single application document** (pdf file) that includes **1) a letter of motivation, 2) a complete curriculum vitae (CV), 3) a copy of undergraduate transcripts, and 4) contact information for three individuals each willing to provide a reference for the candidate, to [jeffrey.chen@usask.ca](mailto:jeffrey.chen@usask.ca)**

*VIDO-InterVac and the University of Saskatchewan is strongly committed to a diverse and inclusive workplace. As such, applications from those who will contribute to the diversity of our community are welcome and all qualified candidates are encouraged to apply. However, Canadian citizens and permanent residents will be given priority.*

**Only candidates selected for interviews will be contacted**