

Undergraduate/graduate student opportunity in Swine Health

The Western College of Veterinary Medicine, Swine Medicine Group (<https://research-groups.usask.ca/swinehealth/>) is seeking a pro-active, highly motivated individual interested in pursuing an period of research at the undergraduate or graduate levels (under the Emerging Leaders in the Americas Program, <http://www.scholarships-bourses.gc.ca/scholarships-bourses/can/institutions/elap-pfla.aspx?lang=eng>) in the disciplines of swine production medicine, infectious diseases and immunology.

Duties: The successful candidate will be involved in a research project “**Alternative control therapies for swine dysentery**”, aimed at investigating the usefulness of prototype therapeutic compounds to prevent/treat pigs against pathogenic *Brachyspira* spp. and will be joining an internationally renowned, multidisciplinary research team with expertise in animal health and infectious diseases, immunology, molecular microbiology and physiology. He/she will primarily focus on animal challenge models and investigating the immune response the prototype vaccines.

Qualifications: Previous experience with livestock is a requirement, whereas familiarity with the swine industry will be considered an important asset. The ability to efficiently work independently and in a team environment, conduct *in vivo* and *in vitro* research activities, complete data analyses and communicate results in publications and at conferences is critical for this position. Candidates must be enrolled at the undergraduate level at the UFSC, UNESP or USP. Graduate level students may be from any institution, performing research in related disciplines such as animal science, veterinary science, microbiology & immunology. A BSVM, DVM or equivalent degree is desirable, but not a requirement. The applicant should have a strong academic background and will be expected to apply for scholarship funding if selected for the position.

To apply: Candidates are asked to email a cover letter, transcripts, curriculum vitae (CV) detailing their education, awards, publication record, research experience, and other relevant information to Dr. Matheus Costa. Although not required, candidates whose first language is not English are encouraged to provide a certificate of English proficiency (TOEFL, IELTS). The names and contact coordinates of two professional references should also be provided.

The position is contingent on the award of an ELAP scholarship for the 2018-2019 call. The successful applicant is expected to start his/her program by August/2018. Screening of applications will continue until the position is successfully filled.

For more information or to apply please contact Dr. Matheus Costa:

Dr. Matheus Costa
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