



# Canada Engagement

## Overview

Texas A&M faculty and Colleges are engaged in collaborations with Canadian institutions and counterparts; however most of these are informal agreements. Among these ties are joint research projects, study abroad opportunities, and other faculty driven ties. Below are examples of some college initiatives with Canada, spearheaded by faculty members.

### Current students from Canada enrolled in degree programs at Texas A&M University:

Fall 2018	76
Fall 2017	67
Fall 2016	67

### Texas A&M students studying abroad in Canada:

2016-2017	118
2015-2016	69
2014-2015	105

### Formal Partnership Agreements Include:

- University of Calgary (current)
- Carleton University (past)
- McGill University (past)
- University of Saskatchewan (past)

### Visiting Canadian scholars and interns at Texas A&M University:

2018-2019	10*
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\* represents only 9/1/2018 - 3/5/2019

Data sources for the above include [accountability.tamu.edu](http://accountability.tamu.edu); [iss.tamu.edu](http://iss.tamu.edu); [isfs.tamu.edu](http://isfs.tamu.edu); [Public Partnership & Outreach](#).

## Sample College Engagement:

### Texas Engineering Experiment Station:

The Texas Engineering Experiment Station holds two sub-awards sponsored by the Qatar National Research Funding with Canadian Institutions of higher education. One sub-award is to University of Manitoba and the grant is expected to start sometime spring 2019. The project is in mechanical engineering of TAMUQ and the research is related to heat transfer and multiphase flow. The second sub-award is a consulting contract with a faculty member at the University of Waterloo and the work is in wireless communication. The grant started two years ago and it will go until the end of 2019.

### Bush School of Government and Public Service

Lorraine Eden is coauthoring Research Methods in International Business. This is a handbook on research methods in international business, consisting of 11 key articles on research methods published in the Journal of International Business Studies over the past 10 years together with new commentaries on each article and an overall introductory essay by the editors. She is working with Paul Beamish, a professor at Western University in London, Ontario.

### College of Architecture

Professor Emeritus, Dr. Robert D. Brown has several collaborative project with individuals at Canadian institutions. He is working with these partners to develop publications related to in Landscape Architecture and Urban Planning. The Visualization department has offices in both Vancouver and Montreal. An MOU is in development to outline the engagement.



## **College of Veterinary Medicine and Biomedical Sciences:**

Katrin Hinrichs, Regents Professor in the Department of Physiology and Pharmacology has a collaboration with Dr. Mouhamadou Diaw at the Department of Clinical Sciences, Faculty of Veterinary Medicine, University of Montreal, QC, Canada. They have worked together since 2013 on research on equine oocyte maturation, in vitro embryo production and vitrification. Dr. Diaw also exports equine oocytes to Dr. Hinrichs' laboratory at A&M for research. This collaboration has resulted in publication of several abstracts and full papers of original research in refereed journals. Currently, Dr. Hinrichs is on the graduate committee of Dr. Diaw's Master's student, Karla Elena Herrera Hidalgo; and Ms. Hidalgo is scheduled to come to Dr. Hinrichs' laboratory at Texas A&M as a visiting scholar in August-September 2019.

H. Morgan Scott, Professor of Epidemiology within the Department of Veterinary Pathobiology has been engaged with University of Guelph for over 10 years, particularly with Drs. Scott McEwen and Patrick Boerlin on AMR issues. He also works with Drs. Rebecca Irwin and Richard Reid-Smith of the Public Agency of Canada on some surveillance/research activities relating to antimicrobial resistance. In addition, he has had some dealings as well with Drs. Sheryl Gow and Cheryl Waldner at the University of Saskatchewan. While these are not formal institutional-level engagements with MOUs, they have been productive research-wise. In addition, Dr. Scott has had periodic engagement with the Natural Sciences and Engineering Research Council of Canada (NSERC, their equivalent of NSF) and the Canada Beef Council, among others, mostly in an advisory capacity and all in past ~5 years.

Nicola L. Ritter, Director of the Center for Educational Technologies within the College of Veterinary Medicine & Biomedical Sciences reports that they are collaborating with the University of Guelph's Ontario Veterinary College to develop a blended learning curriculum that focuses on communication in veterinary contexts. Seven faculty from Texas A&M University and 5 faculty from the University of Guelph comprise the research and development team. This project is funded by the CVM's professional programs office. The curriculum is scheduled to release the Fall of 2019 and a full program evaluation will be conducted and monitored accordingly.

Weihseh Chiu, Professor within the Department of Veterinary Integrative Biosciences is a member of the Chemicals Management Plan Science Committee for the Canadian government agencies of Health Canada and Environment and Climate Change Canada. The purpose of this committee is to contribute expertise pertaining to scientific considerations related to reducing the risks posed by chemicals to Canadians and their environment

Sonya Gordon, Professor of Cardiology in the Department of Small Animal Clinical Sciences has a colleague (a veterinary cardiologist) at the University of Prince Edward Island that is on a team she is leading for an educational event at the NAVC institute in May 2019. She was also part of the team that provided a similar program in 2017. The program lasts for 4 days.

Peter Nghiem, an Assistant Professor in Veterinary Integrative Biosciences is a scientific consultant for a Canada based scientific company named Agada Biosciences. He reviews the merit and scientific rigor of their research projects.

Stephen Safe, Distinguished Professor in the Department of Physiology and Pharmacology has collaborations and has joint patents with scientists at Wellington Laboratories, Guelph Ontario. He also has a joint project and several publications with Dr. JT Sanderson, INRS-Institut Armand Frappier, Laval, Quebec and Dr. EJ Reiner, Ontario Ministry of the Environment, Toronto, Ontario.

Jordan Tayce, Instructional Assistant Professor with the Department of Veterinary Integrative Biosciences has assisted in the development of a curriculum for veterinary preventive healthcare through the Center for Educational Technologies. This was an international collaboration, involving 20+ Colleges of Veterinary Medicine including Ontario Veterinary College (Canada) and Massey University (Australia). She also has participated in a smaller educational project with a collaborator at the Ontario Veterinary College to create resources to improve client communications training for veterinary students. She just recently had a publication accepted into Journal of Veterinary Medical Education with the same collaborator (Ontario Veterinary College) regarding a pilot program to train house officers in telephone communications with referring veterinarians.

Christine Budke, Professor with the Department of Veterinary Integrative Biosciences has a Canadian research collaborator, Dr. H  l  ne Carabin with the D  partement de pathologie et de microbiologie Facult   de M  decine v  t  rinaire-Universit   de Montr  al

Michael Criscitiello, Associate Professor and Assistant Dean for Research and Graduate Studies works annually with Brian Dixon at Waterloo on the North American Comparative Immunology Workshops and occasionally reviews NSERC proposals.