

## MAE Departmental Seminar

**Date:** 2018-10-12

**Title:** **LEVERAGING PATENTS FOR RESEARCH**

**Abstract:** The patent system exists to allow inventors to acquire exclusive rights to protect their inventions, but this represents only half of the equation. Those rights are granted by countries in exchange for full and complete public disclosure of those inventions. The result is an ever-growing collection of publications in almost every imaginable field of human technology. That huge body of information can be leveraged for a number of distinct goals. For example, you may want to:

- conduct competitive intelligence research on specific companies
- determine if a product infringes on existing patents
- get a sense of the patentability of a new invention
- find a technical solution to a practical problem
- compliment your own academic research

Given that the full complement of publications exceeds 100 million documents across many languages, finding what you may be looking for is not a trivial matter.

The goal is to open your mind to those possible uses for patent data, and to provide an introduction to searching methodology, along with some online resources. It represents a continuation of the material from the “PATENTS 101 FOR GRADUATE STUDENTS” MAE seminar (Winter 2018), but prior attendance is not necessary.

**Speaker Bio:** Jason Fisher is a Senior Patent Examiner from the Canadian Intellectual Property Office (CIPO), a special agency of the federal government. He joined CIPO in 2002 after two years working in the optoelectronics industry. He has worked as a mechanical examiner, prosecuting over 1600 patent applications in a wide a variety of technologies including gas turbines, bicycles, furniture, packaging, biomedical devices, and more. He has degrees in engineering (Mechanical) from the Technical University of Nova Scotia and science (Biology) from Dalhousie University.

Jason is spending the Fall 2018 term as one of two Patent Examiners in Residence (PER) at Carlton – a continuing pilot between CIPO and the Mechanical and Aerospace Engineering Department.

As part of this PER program, Jason and incoming Senior Patent Examiner Patrick Cyr, will be periodically available on campus to support Carleton students and staff as IP resources.

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