

PhD positions in wildland fire analytics

The Wildland Fire Science Laboratory in Department of Statistical & Actuarial Sciences at the University of Western Ontario is currently recruiting PhD students to join our dynamic, practically oriented and theoretically grounded team. Join with us to study wildland fire risk and other aspects of wildland fire science and wildland fire management in Canada.

We are looking for PhD students to start in September 2021.

Funding for these positions is partially provided through the NSERC/Canada Wildfire Network, a multidisciplinary network of researchers, their students, personnel at Canadian wildland fire management agencies and other fire scientists. Funding for this Network is part of an investment by Canada's federal government aimed at increasing Canada's resilience to natural hazards, including wildland fire. For more information about the network and the priorities we are addressing please see: <https://www.canadawildfire.org/nsercnetwork>

As a PhD student working on this team, you would develop and apply new tools for the modelling of complex spatio-temporal data with a focus on wildland fire science and management. This interdisciplinary work will be conducted in collaboration with researchers from other disciplines as well as fire management practitioners and researchers at several government agencies.

The ideal candidates will meet the following qualifications:

- A MSc in Statistics or a closely related discipline (e.g., actuarial science or financial mathematics/modelling)
- An interest in performing PhD-level research in wildland fires and risk using data science and analytics
- Experience or a strong interest in working with large and complex datasets
- The ability to work as part of a team
- Excellent communication skills

Additional information about the PhD Statistics program at Western can be found here: <https://www.uwo.ca/stats/graduate/phd-program.html>

Interested candidates should contact Prof Doug Woolford at (dwoolfor@uwo.ca) or Prof Matt Davison (mdavison@uwo.ca) for more information.

Candidates applying to these positions should follow the application procedure outlined here <https://www.uwo.ca/stats/graduate/application-procedure.html>, and include a statement indicating an interest to work with one or both of Profs. Woolford and Davison as part of their application package.

Sincerely,

Doug Woolford Associate Professor of Environmetrics TD Professor in Data Analytics Director of Master of Data Analytics Statistical & Actuarial Sciences University of Western Ontario London, Ontario, Canada	Matt Davison Dean, Faculty of Science Professor, Statistical & Actuarial Sciences The University of Western Ontario London, Ontario, Canada
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