



NSERC CREATE Training Program in HUMAN AND ECOLOGICAL RISK ASSESSMENT

A NEW AND UNIQUE OPPORTUNITY

There is a critical need for professionals who understand the entire process of assessing and managing human and ecological health risks posed by pollutants and consumer products.

This program is open to Ph.D. or J.S.D. students; this NSERC CREATE HERA program will train you to become a professional assessor of ecological and human risk. For doctoral students in law, it will equip you to work at an advanced level at the interface of law and science in law and policy relating to ecological and human risk.

ADVANCED COURSE WORK

Human Health Risk Assessment—Covering theory and case studies, this course trains students to identify, collect, and critically analyze data pertinent to assessing human health risks posed by contaminants in the environment.

Toxicological Risk Characterization—This course gives students working knowledge of current processes and techniques for toxicological risk characterization.

Regulatory Systems in Environmental and Health Law—This course explores how the risk assessment process of sites and chemicals is regulated by environmental and health law.

Societal Dimensions of Risk—Using theory and case studies, this course introduces students to many of the societal issues that impact on risk and its management such as communication, perception and First Nation knowledge frameworks.

Exposure Assessment—this course describes the interactions between humans and the environment and how contaminants move through ecosystems into human and ecological receptors.

Summer Institute of Risk

Each year in early May, students will attend courses on risk communication, first-year students will present their case study results, and senior students will present research results.

Cooperative Work Placement

Over a four- to six-month work placement term, students will gain private and public sector experience in applying environmental quality data to public health decisions.

<http://www.usask.ca/toxicology>



UNIVERSITY OF
SASKATCHEWAN

For more information and to obtain application forms, contact the administration office at:

CREATE HERA
Toxicology Centre
University of Saskatchewan
44 Campus Drive
Saskatoon, SK, S7N 5B3
Phone: (306) 966-7441
Fiona.Price@usask.ca