

MICHAEL HUANG

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EDUCATION

M.Sc., Agricultural and Resource Economics (*in progress*) *September 2019 - Present*
University of Alberta, Department of Resource Economics and Environmental Sociology

B.Sc., Environmental Economics and Policy *September 2012 - December 2016*
University of Alberta, Faculty of Agriculture, Life and Environmental Sciences

WORK EXPERIENCE

Compliance Promotion Officer *January 2017 - August 2019*
Environment and Climate Change Canada

Designed and sent publications to the target audience of federal environmental regulations (*Canadian Environmental Protection Act, Fisheries Act*)

Conducted site visits in Alberta and the arctic, in order to address queries and find resolutions with concerned landowners and small-medium enterprises

Collaborated with partners in federal and provincial jurisdictions to learn about existing best practices in the management of petroleum storage tank systems, and to develop new ones.

Environmental Emergencies Intern *September 2015 - August 2016*
Environment and Climate Change Canada

Reviewed environmental emergency plans submitted by the regulated community, to ensure compliance with the Environmental Emergency Regulations

Researched industry trends and development to identify areas of possible non-compliance.

Environmental Educator *April - June 2015*
Devonian Botanic Garden, Parkland County, AB

Delivered interactive environmental education programs for K-12 students, through lecturing ecological knowledge and leading wildlife and plant identification activities

Incorporated curriculum education in programs, as well as natural knowledge from biology classes from my undergrad program.

Field Technician *July - August 2014*
Dr. Scott Nielsen Lab, Lower Athabasca Region, AB

Collaborated with a peer to identify native vegetation in forest stands with the aid of field guides, and collected and recorded berries and soil quality of test sites

Demonstrated reliability, working with minimal oversight from the supervisor.

Summer Intern *May - August 2013*
Ministry of Environment (Quebec), Quebec City and Abitibi-Temiscamingue, QC

Reviewed hundreds of scholarly articles on bats, and created a comprehensive database using Endnote

Experienced fieldwork in the remote Abitibi region, monitoring seasonal diet and abundance of endangered bats. Duties included setting malaise traps, collecting insect specimen, repairing field equipment, and making nightly patrols with Anabat and GPS devices.

LEADERSHIP AND VOLUNTEER EXPERIENCE

Councilor, Faculty of ALES

September 2014 - April 2015

General Faculties Council, University of Alberta

Elected to represent students in the Faculty of ALES to participate in GFC general meetings.

Met regularly in the student caucus of the GFC before general meetings, to discuss most issues relevant to the U of A undergraduate student body.

Student Delegate

February 14 - 23, 2014

Japan-Canada Academic Consortium Student Forum, Tokyo, Japan

Led discussions with Japanese and Canadian student peers on the topic of sustainable socio-economic development

Delivered a PowerPoint presentation to dignitaries in industry, academia, and diplomacy at the Canadian Embassy in Tokyo.

Volunteer Teaching Assistant, Recreation Assistant

January - June 2011

Katimavik, Heritage Canada; Chisasibi, QC and Steinbach, MB

Cohoused with 10 diverse Canadian youth for a period of six months, adapting to duties such as household management, budgeting, and grant application.

Partook in full-time volunteer experiences, included tutoring elementary students in a northern Cree community, leading activities in a rural personal care home, and billeting on a sheep farm.

AWARDS AND CERTIFICATIONS

John Proskie Memorial Scholarship, \$3,500

September 2019

Jason Lang Scholarship, \$1,000

December 2014

Jason Lang Scholarship, \$1,000

December 2013

Diplôme d'études en langue française, *Level B2*

November 2018

EXTRA-CIRRICULAR

U of A Judo Club

September 2012 - present

Competing and volunteering in Alberta tournaments

Currently pursuing *Coaching Association of Canada* certified Dojo Assistant certification.