

# Noushin Nabavi

ECONOMIST

Victoria, BC

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## Career Highlights

- Results-driven, forward-thinking accomplished Research Scientist
- Demonstrated leadership and project management experience in private and public sectors
- Skilled quantitative analyst proficient with Python, R and Microsoft Office
- Experienced delivery of products including wrangled data, analytics concepts and documentation from rigorously defensible definitions through to implementation and evaluation
- Service-oriented team player dedicated to delivering quality services and gaining the trust of clients and stakeholders

## Education

### Data Analytics using R

CERTIFICATIONS

- Data Camp

Online

2018-2019

### Project Management and Agile Transformation

CERTIFICATIONS

- Mitacs Inc

University of British Columbia

2017-2019

### Teaching best practices

CERTIFICATIONS

- Yale Centre for Integration of Teaching and Learning

Online Summer Institute for

Teaching

2018

### Business Administration for Academics

MINI-MBA

- University of British Columbia

Vancouver, BC, Canada

2018

### Cell and Systems Biology

DOCTOR OF PHILOSOPHY

- University of Toronto

Toronto, ON, Canada

2005-2011

### Honors in Cell and Molecular Biology

BACHELOR OF SCIENCE

- University of Toronto

Toronto, ON, Canada

2001-2005

## Professional Experiences

### BC Government

MITACS SCIENCE POLICY FELLOW

- Analyze and communicate complex administrative integrated data for evidence based policy making; Build and strengthen effective stakeholder relationships with ministry clients and contractors; Manage a data science project while developing and implementing timely methodologies and performance metrics

Victoria, BC, Canada

September 2018 - September 2019

### University of British Columbia

SENIOR RESEARCH FELLOW

- Assemble and lead an international consortium of scientists for a genomics project, published 5 manuscripts and presented the results in 3 international conferences and 2 local symposia; Analyze and integrate genomics, transcriptomics, and proteomics datasets using R and proprietary software; Wrote and secured a \$275K operating grant from BC Cancer Foundation for next generation sequencing tumor profiling of malignant peritoneal mesothelioma

Vancouver, BC, Canada

February 2015 - February 2018

### University of California, San Francisco

POSTDOCTORAL FELLOW

- Design research project and conduct experiments related to liver disease with an expert team of scientists; Analyze experimental data and integrate results to generate presentations and publications; Contribute to securing a \$427K NIH grant

San Francisco, CA, USA

August 2013 - December 2014

## University of California, Berkeley

POSTDOCTORAL FELLOW

Berkeley, CA, USA

January 2012 - July 2013

- Implement a reproducible scientific workflow for a project related to aging; designed and carried out experiments with animal models for aging, analyzed results; Manage a research project with graduate students and undergraduate students towards publication in a peer-review journal

## University of Toronto

TEACHING ASSISTANT AND RESEARCH CO-SUPERVISOR

Toronto, ON, Canada

September 2005- December 2011

- Rank the top 10% among departmental teaching assistants for 500+ hours of instruction in introductory biology laboratory, cellular molecular biology, and microbiology; Create and deliver departmental lectures to 500+ students with satisfactory responses from students; Co-supervise 10 undergraduate thesis students on successful thesis projects maintaining 100% retention rate (8 students secured successful science jobs, 2 pursued graduate studie)

## Awards & Achievements

### AWARDS

#### Canadian Mitacs Science Policy Fellowship

UVic/BC MINISTRY OF HEALTH

Victoria, BC

2019-2020

#### Finalist team for BC Premier's Award in Evidence-Based Design for Children and Youth Mental Health Integrated data project

BC MINISTRY OF CITIZENS' SERVICES

Victoria, BC

2019

#### Third place for designing prosthetic hand tools at Health and Regenerative Medicine Hackathon (donation of award to Victoria Hand Project)

UNIVERSITY OF VICTORIA

Victoria, BC

2019

#### People's choice leadership award for Victoria Code.Hack health hackathon at Island Health

VANCOUVER ISLAND HOSPITAL

Victoria, BC

2019

#### Canadian Mitacs Science Policy Fellowship

UVic/BC MINISTRY OF CITIZENS' SERVICES

Victoria, BC

2018-2019

#### Travel award to participate and lead an analytics team at hackseq hackathon

UNIVERSITY OF BRITISH COLUMBIA

Vancouver, BC

2018-2019

#### Travel award to participate at UBC's career panel discussing role of postdocs in industry

UNIVERSITY OF BRITISH COLUMBIA

Vancouver, BC

2018

#### Health and Regenerative Medicine Hackathon in kind value in mentorship award

UNIVERSITY OF VICTORIA

Victoria, BC

2018

#### Honorable mention for Brief Policy Pitch for Indigenous reconciliation

INSTITUTE OF PUBLIC ADMINISTRATION

Victoria, BC

2018

#### Certificate of distinction for completing Summer Institute for Evidence-Based STEM Teaching

THE CIRTL NETWORK

on-line

2018

#### Entrepreneurship@UBC venture building phase 1

UNIVERSITY OF BRITISH COLUMBIA

Vancouver, BC

March-May 2018

#### Mitacs Accelerate Postdoctoral Fellowship Award

UNIVERSITY OF BRITISH COLUMBIA

Vancouver, BC

2015-2018

<b>Mini-MBA award, Partnership with Graduate Management Consulting Association</b> UNIVERSITY OF BRITISH COLUMBIA	Vancouver, BC 2018
<b>Rare Genomics Institute's BeHEARD Technology Prize in partnership with Addgene</b> UNIVERSITY OF BRITISH COLUMBIA	Vancouver, BC 2017-2018
<b>Travel award to attend</b> AMERICAN ASSOCIATION OF CANCER RESEARCH CONFERENCE	Washington DC, USA 2017
<b>Amazon Web Services Cloud Research Grant</b> UNIVERSITY OF BRITISH COLUMBIA	Vancouver, BC 2016-2017
<b>Science Teaching Fellowship</b> AMERICAN SOCIETY FOR MICROBIOLOGY	on-line 2014-2015
<b>Siebel Stem Cell Postdoctoral Fellowship</b> UNIVERSITY OF CALIFORNIA BERKELEY	California, USA 2012-2013
<b>Graduate Student Research Award</b> UNIVERSITY OF TORONTO	Toronto, ON July 2010
<b>Travel Award to attend</b> 15TH CANADIAN CONNECTIVE TISSUE CONFERENCE	Calgary, AB July 2009
<b>Natural Sciences and Engineering Research Council (NSERC)-CGS</b> UNIVERSITY OF TORONTO	Toronto, ON May 2009-2012
<b>Ontario Textbook and Technology Grant</b> UNIVERSITY OF TORONTO	Toronto, ON December 2008
<b>General Motors Women in Science and Mathematics Award</b> UNIVERSITY OF TORONTO	Toronto, ON April 2008
<b>Travel Award from 14th Canadian Connective Tissue Conference</b> MCGILL UNIVERSITY	Montreal, QC June 5-7, 2008
<b>Travel Award to attend</b> 47TH AMERICAN SOCIETY FOR CELL BIOLOGY	San Diego, CA, USA December 2007
<b>Queen Elizabeth II Aiming for the Top Tuition Scholarship</b> UNIVERSITY OF TORONTO	Toronto, ON September 2001