

Noushin Nabavi, PhD

ECONOMIST

Victoria, BC

+1 778-999-1982 | nabavi.noushin@gmail.com | noushinn.github.io | [noushinn](#) | [noushin-nabavi-56b27b13](#) | [nabavinoushin](#)

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 Camp

CERTIFICATIONS

- Data Analytics using R

Online

2018-2019

Mitacs Inc.

CERTIFICATIONS

- Project Management and Agile Transformation

University of British Columbia

2017-2019

Yale Centre for Integration of Teaching and Learning

CERTIFICATIONS

- Teaching best practices

Online Summer Institute for Teaching

2018

University of British Columbia

MINI-MBA

- Business Administration for Academics

Vancouver, BC, Canada

2018

University of Toronto

DOCTOR OF PHILOSOPHY

- Cell and Systems Biology

Toronto, ON, Canada

2005-2011

University of Toronto

BACHELOR OF SCIENCE

- Honors in Cell and Molecular Biology

Toronto, ON, Canada

2001-2005

Professional Experience

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 studies)

Awards & Achievements

AWARDS

Canadian Mitacs Science Policy Fellowship

UVIC/BC MINISTRY OF HEALTH

2019-2020

Victoria, BC

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

2019

Victoria, BC

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

UNIVERSITY OF VICTORIA

2019

Victoria, BC

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

VANCOUVER ISLAND HOSPITAL

2019

Victoria, BC

Canadian Mitacs Science Policy Fellowship

UVIC/BC MINISTRY OF CITIZENS' SERVICES

2018-2019

Victoria, BC

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

UNIVERSITY OF BRITISH COLUMBIA

2018-2019

Vancouver, BC

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

UNIVERSITY OF BRITISH COLUMBIA

2018

Vancouver, BC

Health and Regenerative Medicine Hackathon in kind value in mentorship award

UNIVERSITY OF VICTORIA

2018

Victoria, BC

Honorable mention for Brief Policy Pitch for Indigenous reconciliation

INSTITUTE OF PUBLIC ADMINISTRATION

2018

Victoria, BC

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

THE CIRTL NETWORK

2018

on-line

Entrepreneurship@UBC venture building phase 1

UNIVERSITY OF BRITISH COLUMBIA

March-May 2018

Vancouver, BC

Mitacs Accelerate Postdoctoral Fellowship Award

UNIVERSITY OF BRITISH COLUMBIA

2015-2018

Vancouver, BC

Mini-MBA award, Partnership with Graduate Management Consulting Association

UNIVERSITY OF BRITISH COLUMBIA

2018

Vancouver, BC

Rare Genomics Institute's BeHEARD Technology Prize in partnership with Addgene

UNIVERSITY OF BRITISH COLUMBIA

2017-2018

Vancouver, BC

Travel award to attend

AMERICAN ASSOCIATION OF CANCER RESEARCH CONFERENCE

2017

Washington DC, USA

Amazon Web Services Cloud Research Grant

UNIVERSITY OF BRITISH COLUMBIA

2016-2017

Vancouver, BC

Science Teaching Fellowship

AMERICAN SOCIETY FOR MICROBIOLOGY

2014-2015

on-line

Siebel Stem Cell Postdoctoral Fellowship	2012-2013
UNIVERSITY OF CALIFORNIA BERKELEY	California, USA
Graduate Student Research Award	July 2010
UNIVERSITY OF TORONTO	Toronto, ON
Travel Award to attend	July 2009
15TH CANADIAN CONNECTIVE TISSUE CONFERENCE	Calgary, AB
Natural Sciences and Engineering Research Council (NSERC)-CGS	May 2009-2012
UNIVERSITY OF TORONTO	Toronto, ON
Ontario Textbook and Technology Grant	December 2008
UNIVERSITY OF TORONTO	Toronto, ON
General Motors Women in Science and Mathematics Award	April 2008
UNIVERSITY OF TORONTO	Toronto, ON
Travel Award from 14th Canadian Connective Tissue Conference	June 5-7, 2008
MCGILL UNIVERSITY	Montreal, QC
Travel Award to attend	December 2007
47TH AMERICAN SOCIETY FOR CELL BIOLOGY	San Diego, CA, USA
Queen Elizabeth II Aiming for the Top Tuition Scholarship	September 2001
UNIVERSITY OF TORONTO	Toronto, ON

Selected talks

BC Quality Forum	on-line
LONG-TERM IMPACTS OF THE ENHANCED RECOVERY COLLABORATIVE ON COLORECTAL SURGICAL SITE INFECTIONS	February 14, 2021
BC Quality Forum	on-line
VARIATION IN RATES OF DISPENSING OF OPIOIDS AFTER SURGERY: OPPORTUNITIES FOR THERAPEUTICS STEWARDSHIP	February 13, 2021
Canadian Science Policy Conference	on-line
ADAPTING TO A NEW NORMAL: THE EFFECT OF COVID-19 ON THE NEXT GENERATION OF SCIENTISTS	November 16-20, 2020
Postdoc Appreciation Week	on-line
PANDEMICS AND POSTDOCS: COVID SURVEY FINDINGS	September 17, 2020
University of Western Ontario	on-line
CAPS SURVEY FINDINGS RELATED TO COVID-19 (NATIONAL MEETING ON POSTDOC AFFAIRS)	July 31, 2020
Data and Analytics Conference	Vancouver, BC
REPRODUCIBLE ANALYTIC WORKFLOWS IN THE PUBLIC SERVICE	February 15, 2020
BC Ministry of Health's Knowledge Exchange Talk Series	Victoria, BC
HEALTH SYSTEMS ADMINISTRATIVE DATA INTEGRATION TO SUPPORT DATA-DRIVEN DECISION MAKING	January 22, 2020
BC Public Service Agency	Victoria, BC
USING ADMINISTRATIVE DATA TO EVALUATE PROGRAMS AND SERVICES	January 21, 2020
Academic Health Science Network	Victoria, BC
DELIVERING BUNDLES OF CARE THROUGH DECIPHERING GOVERNMENT PROGRAMS AND SERVICES	January 20, 2020
Island Health	Victoria, BC
OPEN SOURCE DATA AND DATA SCIENCE TO ENABLE INTEGRATED DATA PROJECTS	September 2019
University of Victoria	Victoria, BC
IMPLEMENTING REPRODUCIBLE ANALYTIC WORKFLOWS IN THE PUBLIC SERVICE	August 2019
BCDev Exchange	Victoria, BC
FROM MESSY TO TIDY: REPRODUCIBLE ANALYTIC WORKFLOWS FOR DATA ANALYSIS	May 2019
Victoria Event Centre	Victoria, BC
HEALING OLD WOUNDS: INSTITUTE OF PUBLIC ADMINISTRATION OF CANADA, POLICY PITCH	October 2018
American Association of Cancer Research	Chicago, IL
EXPRESSION AND REGULATION OF CHONDROITIN SULFATE IN PROSTATE CANCER	July 2018

International Mesothelioma Interest Group

BAP1 CREATES A POTENTIAL THERAPEUTIC VULNERABILITY IN MALIGNANT PERITONEAL MESOTHELIOMA

Ottawa, ON

May 2018

Vancouver Prostate Centre Friday Seminar

COMPREHENSIVE MOLECULAR CHARACTERIZATION OF PERITONEAL MESOTHELIOMA

Vancouver, BC

February 2017

UCSF Postdoctoral Symposium, Gladstone, UCSF Mission Bay

CYTOCHROME P450 DEGRADATION IN HEPATOCYTES AND IMPLICATIONS IN DRUG METABOLISM

San Francisco, CA, USA

June 2014

Berkeley Stem Cell Center Retreat, Fred Farr Forum

SIRT2'S ROLE IN STEM CELL BIOLOGY

Asilomar, CA, USA

April 2012 and 2013

16th Canadian Connective Tissue Conference (CCTC)

RAB-3 MEDIATED COLLAGEN TRAFFICKING IN DIFFERENTIATING OSTEObLASTS

Toronto, ON

June 3-5, 2010

15th Canadian Connective Tissue Conference (CCTC)

DELINEATING COLLAGEN TRAFFICKING PATHWAY IN DIFFERENTIATING OSTEObLASTS

Calgary, AB

July 17-18, 2009

14th Canadian Connective Tissue Conference (CCTC)

CYTOSKELETON AND ADHESION ALTERATION IN OSTEObLASTS IN MICROGRAVITY ENVIRONMENT

Montreal, QC

June 5-7, 2008

14th Canadian Connective Tissue Conference (CCTC)

OSTEOBLAST DIFFERENTIATION IN MICROGRAVITY ENVIRONMENTS

Halifax, NS

June 5-7, 2007

13th Canadian Connective Tissue Conference (CCTC)

LYSOSOME DISPERSION IN OSTEObLASTS ACCOMMODATES ENHANCED COLLAGEN PRODUCTION DURING DIFFERENTIATION

Toronto, ON

May 24-26, 2006