

Noushin Nabavi

DATA SCIENTIST

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 to implementation and evaluation
- Service-oriented team player dedicated to delivering quality services and gaining the trust of clients and stakeholders

Education

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

- 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

Berkeley, CA, USA

January 2012 - July 2013

- 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 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

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

Mini-MBA award, Partnership with Graduate Management Consulting Association

UNIVERSITY OF BRITISH COLUMBIA

Vancouver, BC

2018

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

UNIVERSITY OF BRITISH COLUMBIA

Vancouver, BC

2017-2018

Amazon Web Services Cloud Research Grant

UNIVERSITY OF BRITISH COLUMBIA

Vancouver, BC

2016-2017

Science Teaching Fellowship

AMERICAN SOCIETY FOR MICROBIOLOGY

on-line

2014-2015

Siebel Stem Cell Postdoctoral Fellowship

UNIVERSITY OF CALIFORNIA BERKELEY

California, USA

2012-2013

Graduate Student Research Award

UNIVERSITY OF TORONTO

Toronto, ON

July 2010