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
University of British Columbia

CERTIFICATIONS
2017-2019

- Mitacs Inc

Teaching best practices
Online Summer Institute for Teaching

CERTIFICATIONS
2018

- Yale Centre for Integration of Teaching and Learning

Business Administration for Academics
Vancouver, BC, Canada

MINI-MBA
2018

- University of British Columbia

Cell and Systems Biology
Toronto, ON, Canada

DOCTOR OF PHILOSOPHY
2005-2011

- University of Toronto

Honors in Cell and Molecular Biology
Toronto, ON, Canada

BACHELOR OF SCIENCE
2001-2005

- University of Toronto

Professional Experiences

BC Government
Victoria, BC, Canada

MITACS SCIENCE POLICY FELLOW
September 2018 - September 2019

- 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

University of British Columbia
Vancouver, BC, Canada

SENIOR RESEARCH FELLOW
February 2015 - February 2018

- 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

University of California, San Francisco
San Francisco, CA, USA

POSTDOCTORAL FELLOW
August 2013 - December 2014

- 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

University of California, Berkeley
Berkeley, CA, USA

POSTDOCTORAL FELLOW
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   *Toronto, ON, Canada*

TEACHING ASSISTANT AND RESEARCH CO-SUPERVISOR   *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   *Victoria, BC*

UVIC/BC MINISTRY OF HEALTH   *2019-2020*

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

BC MINISTRY OF CITIZENS' SERVICES   *2019*

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

UNIVERSITY OF VICTORIA   *2019*

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

VANCOUVER ISLAND HOSPITAL   *2019*

Canadian Mitacs Science Policy Fellowship   *Victoria, BC*

UVIC/BC MINISTRY OF CITIZENS' SERVICES   *2018-2019*

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

UNIVERSITY OF BRITISH COLUMBIA   *2018*

Health and Regenerative Medicine Hackathon in kind value in mentorship award   *Victoria, BC*

UNIVERSITY OF VICTORIA   *2018*

Honorable mention for Brief Policy Pitch for Indigenous reconciliation   *Victoria, BC*

INSTITUTE OF PUBLIC ADMINISTRATION   *2018*

Mitacs Accelerate Postdoctoral Fellowship Award   *Vancouver, BC*

UNIVERSITY OF BRITISH COLUMBIA   *2015-2018*

Rare Genomics Institute's BeHEARD Technology Prize in partnership with Addgene   *Vancouver, BC*

UNIVERSITY OF BRITISH COLUMBIA   *2017-2018*

Amazon Web Services Cloud Research Grant   *Vancouver, BC*

UNIVERSITY OF BRITISH COLUMBIA   *2016-2017*

Science Teaching Fellowship   *on-line*

AMERICAN SOCIETY FOR MICROBIOLOGY   *2014-2015*

Siebel Stem Cell Postdoctoral Fellowship   *California, USA*

UNIVERSITY OF CALIFORNIA BERKELEY   *2012-2013*

Graduate Student Research Award   *Toronto, ON*

UNIVERSITY OF TORONTO   *July 2010*