Noushin Nabavi, PhD

DATA SCIENCE FELLOW

Victoria, BC

🛘 +1 778-999-1982 | 🗷 nabavi.noushin@gmail.com | 🌴 noushinn.GITHUB.IO | 🖸 noushinn | 🛅 noushin-nabavi-56b27b13 | 💆 nabavinoushin

Career Highlights

- Results-driven, forward-thinking, and accomplished research scientist with 4+ years of demonstrated leadership and project management experience in private and public sectors
- Skilled in quantitative data analysis with more than 12+ years experience using Microsoft Office applications and 3+ years using R
- Demonstrated success in designing, conducting, analyzing, and managing research and data science projects
- Service-centric and dedicated to delivering quality services and gaining the trust of clients and stakeholders
- Skilled in creating evaluation methodologies, defining and analyzing success metrics, and product delivery

Education

Data Camp Online

CERTIFICATIONS 2018-2019

• Data Analytics using R

Mitacs Inc.

Government

CERTIFICATIONS 2017-2019

• Project Management and Agile Transformation

University of British Columbia Vancouver, BC, Canada

MINI-MBA 2018

Business Administration for Academics

University of Toronto Toronto, ON, Canada

DOCTOR OF PHILOSOPHY 2005-2016

Cell and Systems Biology

University of Toronto Toronto, ON, Canada

BACHELOR OF SCIENCE 2001-2005

Honors in Cell and Molecular Biology

Professional Experience

BC Government Victoria, BC, Canada

MITACS SCIENCE POLICY FELLOW

September 2018 - September 2019

University of British Columbia/BC

 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 delivere 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

2018Hackathon2018Mentorship awardVictoria Health Hackathon2018Canadian Science Policy FellowshipMitacs Inc.2017BeHeard CRISPR TechnologyRare Genomics Institute2016Amazon Web Services for cloud computingAmazon2015Mitacs Accelerate FellowshipMitacs Inc.2014Science Teaching AwardAmerican Society for Microbiology2012Siebel Stem Cell FellowshipSiebel Foundation2010Graduate Student Research AwardUniversity of Toronto2009Graduate Student Researchand Engineering Research Council2008Women in Science and MathematicsGeneral Motors of Canada2007Travel awardAmerican Society for Cell Biology2008Travel awardConnective Tissue Conference	2018	Travel award	Hackseq Genomics
Mentorship award Canadian Science Policy Fellowship Mitacs Inc. 2017 BeHeard CRISPR Technology BeHeard CRISPR Technology Amazon Web Services for cloud computing Amazon Web Services for cloud computing Mitacs Accelerate Fellowship Science Teaching Award Mitacs Inc. American Society for Microbiology 2012 Siebel Stem Cell Fellowship Siebel Foundation University of Toronto Natural Science 2009 Graduate Student Research Award Toronto Natural Science 2009 Graduate Student Research Women in Science and Mathematics General Motors of Canada 2007 Travel award Travel award Connective Tissue	2018		Hackathon
Canadian Science Policy Fellowship Canadian Science Policy Fellowship BeHeard CRISPR Technology Amazon Web Services for cloud computing Amazon Witacs Accelerate Fellowship Mitacs Accelerate Fellowship Science Teaching Award Cranadian Science Teaching Award Science Teaching Award Toronto Graduate Student Research Award Toronto Natural Science and Engineering Research Council Women in Science and Mathematics Canada American Society for Cell Biology Travel award Travel award Travel award Travel award Canadacte Student Research American Society for Cell Biology Connective Tissue	2010	Mentorship award	Victoria Health
2017BeHeard CRISPR TechnologyRare Genomics2016Amazon Web Services for cloud computingAmazon2015Mitacs Accelerate FellowshipMitacs Inc.2014Science Teaching AwardAmerican Society for Microbiology2012Siebel Stem Cell FellowshipSiebel Foundation2010Graduate Student Research AwardUniversity of Toronto2009Graduate Student Researchand Engineering Research Council2008Women in Science and MathematicsGeneral Motors of Canada2007Travel awardAmerican Society for Cell Biology2006Travel awardConnective Tissue	2018		Hackathon
2017 BeHeard CRISPR Technology 2016 Amazon Web Services for cloud computing 2017 Mitacs Accelerate Fellowship 2018 Science Teaching Award 2019 Siebel Stem Cell Fellowship 2010 Graduate Student Research Award 2010 Graduate Student Research 2010 Graduate Student Research 2010 Women in Science and Mathematics 2010 Travel award 2010 Travel award 2010 Travel award 2010 Travel award 2010 Amazon American Society for Mitacs Inc. American Society for Microbiology Siebel Foundation University of Toronto Natural Science and Engineering Research Council General Motors of Canada American Society for Cell Biology Connective Tissue	2018	Canadian Science Policy Fellowship	Mitacs Inc.
2016 Amazon Web Services for cloud computing 2015 Mitacs Accelerate Fellowship 2014 Science Teaching Award 2015 Siebel Stem Cell Fellowship 2010 Graduate Student Research Award 2010 Graduate Student Research Award 2010 Graduate Student Research 201	2017	BeHeard CRISPR Technology	Rare Genomics
2015Mitacs Accelerate FellowshipMitacs Inc.2014Science Teaching AwardAmerican Society for Microbiology2012Siebel Stem Cell FellowshipSiebel Foundation2010Graduate Student Research AwardUniversity of Toronto2009Graduate Student ResearchNatural Science2009Graduate Student Researchand Engineering Research Council2008Women in Science and MathematicsGeneral Motors of Canada2007Travel awardAmerican Society for Cell Biology2006Travel awardConnective Tissue	2017		Institute
2014 Science Teaching Award for Microbiology 2012 Siebel Stem Cell Fellowship Siebel Foundation 2010 Graduate Student Research Award University of Toronto 2009 Graduate Student Research 2009 Graduate Student Research 2008 Women in Science and Mathematics General Motors of Canada 2007 Travel award 2006 Travel award American Society for Cell Biology 2006 Travel award	2016	Amazon Web Services for cloud computing	Amazon
Science Teaching Award Science Teaching Award Siebel Stem Cell Fellowship Siebel Foundation University of Toronto Natural Science and Engineering Research Council General Motors of Canada Travel award Travel award Science Travel award Siebel Foundation University of Toronto Natural Science American Society for Cell Biology Connective Tissue	2015	Mitacs Accelerate Fellowship	Mitacs Inc.
Siebel Stem Cell Fellowship 2010 Graduate Student Research Award 2010 Graduate Student Research Award 2010 Graduate Student Research Award 2010 Graduate Student Research 2010 Anterior Science 2010 Graduate Student Research 2010 Graduate Student Research 2010 Anterior Science 2010 Graduate Student Research	2014	Science Teaching Award	American Society
2010 Graduate Student Research Award Toronto Natural Science 2009 Graduate Student Research 2008 Women in Science and Mathematics Canada 2007 Travel award Travel award University of Toronto Natural Science and Engineering Research Council General Motors of Canada American Society for Cell Biology Connective Tissue	2014		for Microbiology
2010 Graduate Student Research Award Toronto Natural Science 2009 Graduate Student Research 2008 Women in Science and Mathematics Canada 2007 Travel award Toronto Natural Science and Engineering Research Council General Motors of Canada American Society for Cell Biology Connective Tissue	2012	Siebel Stem Cell Fellowship	Siebel Foundation
Toronto Natural Science 2009 Graduate Student Research 2008 Women in Science and Mathematics 2008 Women in Science and Mathematics 2007 Travel award 2006 Travel award 2006 Travel award 2007 Travel award 2008 Travel award	2010	Graduate Student Research Award	University of
2009 Graduate Student Research 2008 Women in Science and Mathematics 2007 Travel award 2006 Travel award 2009 Graduate Student Research 2006 Graduate Student Research 2006 American Society 2006 Connective Tissue	2010		Toronto
2008 Women in Science and Mathematics 2007 Travel award 2006 Travel award Research Council General Motors of Canada American Society for Cell Biology Connective Tissue		Graduate Student Research	Natural Science
2008 Women in Science and Mathematics Canada 2007 Travel award Travel award Canada American Society for Cell Biology Connective Tissue	2009		and Engineering
2008 Women in Science and Mathematics Canada American Society for Cell Biology Connective Tissue			Research Council
2007 Travel award 2006 Travel award Canada American Society for Cell Biology Connective Tissue	2008	Women in Science and Mathematics	General Motors of
2007 Travel award for Cell Biology 2006 Travel award Connective Tissue			Canada
for Cell Biology Connective Tissue	2007	Travel award	American Society
2006 Travel award			for Cell Biology
Conference	2006	Travel award	Connective Tissue
			Conference

Selected talks

Institute of Public Administration of Canada

HEALING OLD WOUNDS

Data Science Community of Practice

REPRODUCIBLE DATA CLEANING WORKFLOW WITH R

International Mesothelioma Interest Group

BAP1 CREATES A POTENTIAL THERAPEUTIC VULNERABILITY IN MALIGNANT PERITONEAL MESOTHELIOMA

Vancouver Prostate Centre Friday Seminar

COMPREHENSIVE MOLECULAR CHARACTERIZATION OF PERITONEAL MESOTHELIOMA

UCSF Postdoctoral Symposium

CYTOCHROME P450 DEGRADATION IN HEPATOCYTES AND IMPLICATIONS IN DRUG METABOLISM

Berkeley Stem Cell Center Retreat, Fred Farr Forum

SIRT2'S ROLE IN STEM CELL BIOLOGY

Victoria, BC, Canada

October 2018

Victoria, BC, Canada

May 2019

May 2018

Ottawa, ON, Canada

Vancouver, BC, Canada

February 2017

San Francisco, CA, USA

June 2014

Asilomar, CA, USA

April 2012 and 2013