

EDUCATION	The University of British Columbia (UBC) <i>MSc, Physics</i>	Vancouver, BC Sep 2020 - Present
	The University of British Columbia (UBC) <i>BASc, Engineering Physics, Minor in Commerce</i>	Vancouver, BC Sep 2013 - May 2018
	Eidgenössische Technische Hochschule Zürich (ETHZ) <i>Exchange Student (Mechanical and Process Engineering)</i>	Zurich, Switzerland Sep 2016 - Feb 2017
RESEARCH	MRI Research Lab, UBC <i>MSc Student advised by Dr. Piotr Kozlowski</i> Developing computer vision algorithms and statistical techniques for quantitative MRI analysis of cancerous prostate tissue using the novel Luminal Water Imaging technique.	Vancouver, BC Sep 2020 - Present
	Nanoplasmonics Laboratory, University of Victoria <i>Undergraduate Researcher advised by Dr. Reuven Gordon</i> Awarded an NSERC Research Award to research optical tweezing techniques for egg-white protein analysis, resulting in co-authorship of two peer-reviewed publications.	Victoria, BC May 2017 - Aug 2017
	RREACH Lab, UBC <i>Undergraduate Researcher advised by Dr. Machiel Van der Loos</i> Awarded an Undergraduate Student Research Award Fellowship for conducting clinical studies and successfully developed a pediatric "smart" mattress prototype.	Vancouver, BC May 2016 - Aug 2016
	Atomically Resolved Dynamics, Max Planck Institute <i>Undergraduate Researcher advised by Dr. Wesley Robertson</i> Developed auto-alignment software and high-throughput sampling hardware for laser and mass spectrometry research, resulting in co-authorship of a peer-reviewed publication.	Hamburg, Germany Jan 2015 - Apr 2015
WORK EXPERIENCE	Teaching Assistant Professional Development, Teaching Assistant Teaching first and fourth year physics to undergraduate students. Since Sep 2021, I mentor newly starting TAs in the Physics and Astronomy department.	Vancouver, BC Sep 2020 - Present
	Stōkō Design Inc., Engineering Physicist & Mechanical Designer Brought mechanical, research, and imaging expertise to design, develop, and test the Stoko K1 knee brace from prototype to production.	Vancouver, BC Oct 2018 - July 2020
	Dynamic Optics, Project Coordinator & Mechanical Engineer Managed mechanical designs, optimized optical subsystems, and coordinated among key industry stakeholders for the HyDRA optical mirror polisher project.	Port Coquitlam, BC Jun 2018 - Oct 2018
HONOURS & AWARDS	NSERC Communication Skills Grant (pilot)	2021
	NSERC Student Ambassador Grant	2021
	Dean's Honour List	2018
	NSERC Undergraduate Student Research Award	2017
	Engineers in Scrubs Undergraduate Student Research Award Fellowship	2016
	Applied Science Coordinated International Exchange Award	2016
1st Place at UBC Senior Design Competition	2015	
PROFESSIONAL DEVELOPMENT	Creating Inclusive Classrooms Training Workshop	Sep 2021
	Effective Visual Scientific Communication Workshop	Aug 2021
	Stanford d.School: Research as Design Pop-Out Course	May 2019
	BC Tech Summit, company representative & attendee	Mar 2019
	Innovation in Health and Research Technologies Symposium, attendee	Jun 2016
Tri-Council Policy Statement: Course on Research Ethics	May 2016	
OUTREACH	The (Un)Scientific Method, founding member	Mar 2021 - Present
	Physics and Astronomy Outreach, volunteer	Oct 2020 - Present
	UBC Women in Science, mentor	Sep 2020 - Present
	Shad International, project mentor	Jul 2019
	Engineering Physics Student Association, graduate representative	Sep 2017 - May 2018
	Engineering Physics Student Association, events coordinator	Sep 2015 - May 2017