

Education

Family Medicine Residency (CCFP), Northern Ontario School of Medicine - Sault Ste Marie, ON Canada July 2021 – June 2023
Doctor of Medicine (MD), The University of British Columbia, Vancouver BC Canada August 2016 – May 2021
Pharmacology, Faculty of Science, The University of British Columbia 2012 – 2016

Professional Experience

Clinical Lecturer – Northern Ontario School of Medicine (NOSM) University – ON, Canada Aug 2024 – Present
Clinician-educator role for medical students and residents of NOSM. NOSM is Canada's only independent medical school, funded by the government with a mandate to serve underserved populations.

Consultant – Deep Breath – London, ON, Canada Jul 2024 – Present
Identifying market advantage points and cost benefit analysis as an MD consultant for Deep Breath, a beta-stage startup that is combining lung ultrasound with machine learning to deliver portable, accurate and autonomous lung diagnostics.

Physician – Sioux Lookout First Nations Health Authority (SLFHNA) – Sioux Lookout, ON, Canada Nov 2023 – Present
Providing primary care and emergency care to the patients of Sioux Lookout and 1 of 33 remote First Nation communities served by the health authority. Typical community has no road access and is over 600 km away from nearest tertiary centre by medevac.

Physician – Lady Dunn Health Centre – Wawa, ON, Canada Oct 2023 – Present
Providing primary care, emergency care, and inpatient medicine to patients of rural town of Wawa (pop. 2900) at the Wawa Family Health Team office and the Lady Dunn Health Centre.

Physician – North Shore Health Network – Thessalon, ON, Canada Aug 2023 – Present
Providing primary care and emergency care to patients of the rural town of Thessalon (pop. 1300) at the Huron Shores Family Health Team office and in the Emergency Department.

Peer-Reviewed Publications

- Ting, J., Shah, P. [Lu-Cleary, D. and 18 other co-authors] "Practice summary: Antimicrobial therapy for commonly encountered conditions in the neonatal intensive care unit" *Frontiers in Pediatrics*, Jul 2022.
- Klemm, N., Lu-Cleary, D., Chahal, D., Trasolini, R., Lam, E., Donnellan, F. "Endoscopic Management of Diminutive Duodenal Neuroendocrine Tumours." *Journal of Gastrointestinal Cancer*, Jan 2021.

Conference Presentations

- Klemm, NK. Lu-Cleary, D., Chahal, D., Trasolini, R., Lam, E., Donnellan, F. "Successful resection of Grade 1 duodenal neuroendocrine tumours using endoscopic techniques in two Canadian hospitals." Poster presentation. Digestive Disease Week, American Gastroenterological Association (May 2020, virtual format due to COVID-19)
- Klemm, NK., Lu-Cleary, D., Chahal, D., Trasolini, R., Lam, E., Donnellan, F. "Successful resection of Grade 1 duodenal neuroendocrine tumours using endoscopic techniques in two Canadian hospitals." Poster presentation. Canadian Digestive Disease Week, Canadian Association of Gastroenterology; Montreal, Canada (February 2020)
- Lu-Cleary, D., Hughes, S., Roberts, A., Ting, J. "Evaluation of a new definition of ventilator-associated pneumonia in a tertiary neonatal intensive care unit" Poster Presentation. FLEX Activity Day, University of British Columbia Faculty of Medicine; Vancouver, BC (January 2019)
- Lu-Cleary, D., Ting, J., Hosking, M., Castaldo, M. "Increased interventricular septal thickness of myocardium after hydrocortisone treatment for hemodynamic support in infants" Poster presentation. Pediatric Academic Societies (PAS) 2018 Meeting; Toronto, Canada (May 2018)
- Lu-Cleary, D., Hughes, S., Roberts, A., Ting, J. "Evaluation of a new definition of ventilator-associated pneumonia in a tertiary neonatal intensive care unit" Poster presentation. Pediatric Academic Societies (PAS) 2018 Meeting; Toronto, Canada. (May 2018)

Destiny Lu-Cleary

6. Pokrishevsky, E., Airey T., Nan, J., **Lu-Cleary, D.**, Cashman, N. "*TDP-43 and SOD1: A toxic pas de deux in ALS*" Poster Presentations. 27th International Symposium on ALS/MND; Dublin, Ireland (December 2016)
7. Redmond, W., Keysan, U., **Lu-Cleary, D.**, Cécyre, B., Thomas, S., Casanova, C., and Bouchard, JF. "*Cannabinoid type 2 receptors modulate visual responses of neurons in the primary visual cortex*" Oral Presentation. 26th Annual Symposium of the International Cannabinoid Research Society; Bukovina, Poland. (June 2016)
8. Redmond, W., Keysan, U., **Lu-Cleary, D.**, Cécyre, B., Thomas, S., Bouchard, JF., Casanova C. "*Cannabinoid type 2 receptors modulate visual information in the primary visual cortex.*" Poster presentation. 10th Annual Canadian Neuroscience Meeting 2016, Canadian Association for Neuroscience; Toronto, Canada (May 2016)
9. Freitas-Andrade, M., Bechberger, J., **Lu-Cleary, D.**, Williams, A., Lampe, P. D., & Naus, C. C. "*Disrupting MAPK/CX43 interaction reduces neuronal ischemic damage*" Oral Presentation. BRAIN Conference, International Society for Cerebral Blood Flow & Metabolism; Vancouver, BC. (June 2015)
10. **Lu-Cleary, D.**, Hendel, A., Granville, D. "*The Effects of Granzyme B on Endothelial Cell Migration in Angiogenesis*" Poster Presentation. Heart & Stroke Foundation High School Summer Research Program Presentation Day; Vancouver, BC. (July 2011)

Leadership & Community Service

NOSM University Senate – Senator

Mar 2023 – Apr 2024

Elected Resident representative and voting member in the institution's highest body of governance for all academic affairs. Engaged in high-level decision-making and policy development. Served on the Senate Executive Committee, actively contributing to strategic planning and drafting forthcoming Senate business.

Family Medicine Program Evaluation and Quality Improvement Committee – Resident Representative

July 2022 – June 2023

Sought resident feedback, strategized with Program leadership, and advocated for continuous quality improvement of the NOSM Family Medicine Program.

BC Pandemic Network/Vancouver Coastal Health COVID-19 Taskforce – Analyst

Apr 2020 – June 2020

Aided administrative decision-making in the pandemic through daily rapid reviews of both English and Chinese literature.

Senior Social Isolation Outreach during COVID-19 – Lead Organizer

Mar 2020 – June 2020

Initiated and led a medical student effort to provide check-in phone calls and general COVID-19 education in support of over 500 vulnerable and socially isolated seniors from the rosters of rural and urban family physicians when BC first entered lockdown.

Chinese Canadian Medical Society (CCMS) – Board Member, Student Rep

Oct 2016 – Apr 2021

Co-organized events aiming to improve the health literacy of immigrant populations including the Annual Health Fair of 2000+ attendees and language workshops to build language skills in the clinical setting.

Federation of Medical Women of Canada: UBC Chapter – Class Rep and Special Events Director

Sept 2017 – Apr 2021

Developed and organized workshops for Mentorship and Women Supporting Women in Medicine.

Students Interested in Pediatrics – Event Coordinator

Sept 2016 – Sept 2017

Organized shadowing opportunities and Interest Nights for medical students to learn more about the Pediatric Specialty.

Students in Health Annual Research Conference (SHARC) – Logistics Manager

Sep 2016 – Jun 2017

Coordinated conference logistics: setup, volunteers, registration, security, housekeeping, liquor licensing, catering, photography.

Heart & Stroke Foundation UBC Chapter – Vice President, External

Sep 2012 – Apr 2016

Secured grant funding and corporate sponsorship. Maintained strong relations with cardiovascular health researchers, HSF main office, and the community. For our work, the club won "Best Executive Team 13/14" from the UBC Alma Mater Society.

UBC Students Offering Support (SOS) – Course Coordinator

Sep 2013 – Apr 2016

Organized and promoted exam review sessions for UBC students, which raised over \$26,000 to build a footbridge in Nicaragua.

Eagle Ridge Hospital – Resident Assistant Volunteer

Sep 2009 – May 2016

Facilitated rec activities for elderly in residential care and led group activities for patients with mental/physical disabilities.

UBC Learning Exchange – ESL Group Facilitator

May 2013 – Jul 2013

Facilitated English learning conversation groups with immigrants and provided outreach to Chinatown elders.

Non-Clinical Employment

Stonehenge Marble & Granite Ltd. Salesclerk and Administrative Assistant Sept 2011 – Aug 2016
Assisted clients through the design process of their kitchen counters, addressing their concerns, and coordinating with the manufacturing department to ensure efficiency and quality in the production of their countertop orders.

Confucius Institute Translator/Editor Apr 2013 – Aug 2014
Produced original content, edited, and translated material for a Mandarin Chinese instructional textbook. Provided the voice for educational dialogue and instruction in the accompanying audio recordings.

Research Experience

Division of Gastroenterology, UBC – Drs Eric Lam and Donnell Fergallan Jan 2018 – Jan 2021
Division of Neonatology, BC Children’s Hospital – Dr. Joseph Ting Jan 2017 – Present
Djavad Mowafaghian Brain Research Centre, UBC – Dr. Neil Cashman Jan 2016 – Aug 2016
School of Optometry, University of Montreal – Dr. Jean-Francois Bouchard Sep 2015 – Dec 2015
Institute for Research in Immunology and Cancer, University of Montreal – Dr. Michel Bouvier May 2015 – Aug 2015
UBC Life Sciences Institute – Dr. Christian Naus Sep 2013 – Sep 2014
Bioseutica Group, Abbotsford BC May 2013 – Aug 2013
Centre for Heart Lung Innovation, St. Paul’s Hospital – Dr. David Granville Jul 2011 – Aug 2011

Scholarships and Awards

IRIC Next Generation Award *Institute for Research in Immunology and Cancer (IRIC), Université de Montréal* May 2015
National competition for IRIC research internship with acceptance rate of <10%

Undergraduate Student Research Award *The Natural Sciences and Engineering Research Council of Canada* Sept 2015
1 of 2 annual departmental awards at the School of Optometry at the University of Montreal

Dean’s Honor List *University of British Columbia* May 2013, 2014, and 2015
Golden Key International Honour Society, University of British Columbia Sep 2014 and 2015
Membership awarded to top 15% of students within respective faculties

Alma Mater Society - Best Executive Team 2014
Awarded as VP of the UBC HSF Club

1st Place, Chinese Bridge Mandarin Public Speaking Contest *Confucius Institute* Aug 2012, 2013
Represented Western Canada at the International competition televised on Chinese primetime television

Chancellor’s Scholar, University of British Columbia June 2012
Awarded to students with the highest percentile of entrance average to undergraduate studies at UBC

Graduation Program Examinations Scholarship, BC Ministry of Education June 2012
Awarded to top percentile of graduating BC high school students

Dogwood/District Authority Award, BC Ministry of Education June 2012
Awarded to the top graduating student in International Languages.

Tri-City REACH Award, Cities of Coquitlam, Port Coquitlam, and Port Moody June 2012
1 of 3 Municipal Awards for significant contribution to the Coquitlam Youth Council

Certifications

CCFP – Certificant of the College of Family Physicians Jun 2023- Present
LMCC – Licentiate of the Medical Council of Canada Sep 2022- Present
Provider course certifications: ACLS, ATLS, PALS, NRP July 2022- Present

Medical Licensure

Independent Practice Certificate, College of Physicians and Surgeons of Ontario –July 26, 2023—Present. CPSO ID: 132044

Hobbies & Interests

Designing board games, culinary arts, meditation, cross country skiing.