**KATYA PERI**

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**Education**

**M.D.C.M – McGill University**

08/2023 – expected 05/2027

**Master of Science - McGill University**

Anatomy and Cell Biology | 05/2020 – 12/2021

* 4.0 GPA
* Departmental representative for the Center for Structural Biology Research and the graduate student council MAGSS
* Thesis Paper: Characterization of ciliary central pair mutants (https://escholarship.mcgill.ca/concern/theses/bz60d2567)

**Bachelor of Science – McGill University**

Honors Anatomy and Cell Biology | 09/2017 – 05/2020

* Graduation with Distinction, First Class Honors
* Honors Research Project: Functional Characterization of Inner Junction Proteins PACRG and FAP20

**Accomplishments**

* Awarded admission scholarships for Master of Public Health Programs to
	+ Harvard University (10,000 USD)
	+ Dartmouth (10,000 USD)
	+ Yale University (Hortsmann Scholarship, 30,000 USD)
	+ Columbia University (10,000 USD)
	+ Brown University (10,000 USD)
* Awarded the Center for Structural Biology Research Student Fellowship, 2020, (10,000 CAD)
* Recipient of McGill G.R.E.A.T Travel Award, Winter 2021 (500 CAD)
* Awarded the John Bergeron Summer Research Scholarship, May 2020 from McGill University (5000 CAD)
* National Geographic Grant recipient for environmental conservation (2017) (1000 CAD)
* Recipient of the McGill Sustainability Project Fund for Green Labs project (50,000 CAD)

**Research Experience**

**Research Assistant – Jewish General Hospital, Lady Davis Institute**

**05/2022 – Present**

* Conducted knowledge syntheses and meta-analyses on the epidemiology of non-communicable diseases and public health.
* Designed and executed the funding of a large CIHR grant focused on weight loss pharmacology.
* Executed grant reviews, organized medical education presentations in cardiology and mentored incoming medical students.
* Publications currently under review:
	+ Updates in Obesity Management (three-part review series, BMJ Public Health)
	+ Interventions for Physician Prescribers of Opioids for Chronic Non-Cancer Pain (systematic review, BMC Medicine)
	+ Restricting E-Cigarettes to Prescription Only for Smoking Cessation (Commentary, Nicotine and Tobacco Research)
	+ A Review of Mandatory Maintenance of Certification in the U.S.A (commentary, BMC Academic Medicine)
	+ Recertification Examinations: Mandatory or Voluntary? (commentary, Clinical Teacher)
	+ From MCAT and GPA to CASPer and MMI: Selecting Capable and Diverse Medical Professionals (Commentary, BMC Medical Education)

**Student Researcher, McGill University**

Montreal QC, 05/2019 – 12/2021

* Student researcher focusing on the structural biology of cilia and flagella in *Chlamydomonas reinhardtii*
* Mastered techniques such as cloning, protein expression and purification, flagella purification, western blotting, microtubule nucleation and binding assays, DNA extraction, negative staining, mass spectrometry, bioinformatics, tomographic reconstruction, sample freezing and cryo-electron microscopy.
* Trained at the Facility for Electron Microscopy Research at McGill (FEMR) in transmission and cryo-electron microscopy.
* Mentor and instructor for undergraduate student volunteers and honors students.
* Publications: <https://orcid.org/0000-0002-7367-7501>

**Medical Student Researcher – McGill Medical School, Department of Dermatology**

**09/2023 – Present**

* Works in the lab of Dr. Carolyn Jack and Elena Netchiporouk to manage the design and execution of knowledge syntheses and recruit patients for clinical trials.
* First author on a systematic review investigating the relationship between the built environment and systemic erythematous lupus.
* Conducted a scoping review evaluating the quality of eczema mobile applications

 **Work Experience**

**Public Health Advocate – Children’s Environmental Health Network**

Washington D.C (remote) – 01/2023-05/2023

* Health communication and advocacy intern whose main responsibilities include campaign-based social media community engagement and education.
* Researched and created blog posts for lay audiences to raise awareness about environmental health risk factors.
* Liaised with executive members and peers to conceptualize new projects.

**Public Health Researcher – World Federation of Public Health Associations**

Geneva, Switzerland (remote) – 01/2023 – 05/2023

* Conducted literature searches.
* Developed a protocol for an annual report regarding immunization in underserved communities
* Collaborated with senior investigators to define project scope and write manuscript.

**Public Health Intern, Think Pacific**

Fiji (remote) – 12/2022 – 05/2023

* Participated in courses and international development workshops to understand Fijian culture and the health disparities that exist among Indigenous populations.
* Collaborated with mentors to design and manage a public health project.
* Used analytic skills to research and develop a Wellness Report for the Fijian Ministry of Health.
* Awarded the Think Pacific Program Scholarship

**Public Health Education Intern – Foundations of Educational Development**

Montreal, QC – 05/2022- 03/2023

* Spearheaded the development of a new program aimed at improving the nutrition of young women and families living in rural Thailand.
* Worked remotely with volunteers in Thailand to develop lesson plans for high school health classes. Topics include personal hygiene, sexual health, communicable diseases and global health.
* Engaged members of the public in available resources through friendly and knowledgeable support.
* Gathered, organized and analyzed data on public health concerns.

**Medical Scribe, ELNA Medical Center**

Montreal QC – 10/2021 – 12/2022

* Documented complete information about examinations, treatment plans, lab results, and other details directly into charts.
* Organized physician's appointments to maintain a fast-paced, and efficient environment.
* Demonstrated confidentiality in dealing with sensitive information or records to comply with HIPAA guidelines and regulations.
* Charted patient encounters by recording information such as diagnosis, treatments, and prescriptions.

**Public Health Intern, NGO Mujer Peruana**

Lima, Peru (remote) – 05/2022 – 09/2022

* Conducted research and developed a report on the link between women’s education and women’s health.
* Implemented a fundraising strategy with the aim of supporting a project to build an educational centre for disadvantaged women in Peru.
* Communicated findings to executives of the NGO and helped build a community outreach plan.

**Committee Memberships**

**International Federation of Medical Students Association (IFMSA) – Quebec Representative**

Montreal, QC 09/2023-Present

* Representative of Quebec medical schools to the IFMSA for the Standing Committee on Public Health (SCOPH)
* Organized a letter-writing campaign to the QC Minister of Education and Minister of Health to ban juice boxes in elementary school lunchboxes to prevent childhood obesity.
* Led a seminar with a public health expert to discuss childhood obesity, its causes and its outcomes.
* Delegate to the IFMSA General Meeting in Quito, Ecuador.

**Canadian Federation of Medical Students (CFMS) – Quebec Global Health Representative**

Montreal, QC 09/2023-Present

* Representative of QC and McGill University to the CFMS in Global Health.
* Organized events to promote global health and advocate for medically underserved communities.

**McGill Dermatology Interest Group – Med-1 Representative**

Montreal, QC 09/2023-Present

* Facilitated a seminar that explored the intersection of AI and dermatological practices
* Engaged in discussions, attended meetings, and collaborated with members to expose McGill medical students to dermatology.