

ERIC SIGMUND, M.D.

EDUCATION — OVERVIEW

- **Family Medicine Postgraduate Residency**
 - University of British Columbia — *Coastal Site*
- **Doctor of Medicine**
 - Michael G. DeGroote School of Medicine, McMaster University
- **Bachelor of Science**
 - Queen's University
 - With distinction in general mathematics and a focus in theoretical physics

EDUCATION — MENTAL HEALTH TRAINING AND EXPERIENCE

- **Electives in adult psychiatry subspecialties**
 - Anxiety Treatment and Research Clinic — St Joseph's Healthcare Hamilton
 - Women's Health Concerns Clinic — St Joseph's Healthcare Hamilton
 - Mood Disorders Program — St Joseph's Healthcare Hamilton
 - Early Intervention in Psychosis Clinic — St Joseph's Healthcare Hamilton
- **Adolescent and Child Psychiatry** (*six weeks*)
 - McMaster Children's Hospital, Hamilton, Ontario
- **Acute Adult Inpatient Psychiatry** (*six weeks*)
 - St Joseph's Healthcare Hamilton
- **Psychiatry and Neurology Studies** (*four months*)
 - Michael G. DeGroote School of Medicine — McMaster University
- **General Inpatient and Outpatient Psychiatry** (*six weeks*)
 - *HOpE Centre* and Lions Gate Hospital — North Vancouver
 - Department of Family Practice — University of British Columbia
- **Other experience in the provision of psychiatric care**
 - As outlined in the employment and volunteer service sections of this CV

CERTIFICATIONS

- **Certificant of the College of Family Physicians (CCFP)**
- **Licentiate of the Medical Council of Canada (LMCC)**
- **Neonatal Resuscitation Program (NRP)**
- **Advances in Labour and Risk Management (ALARM)**
- **Advanced Cardiovascular Life Support (ACLS)**
- **Provincial Opioid Addiction Treatment Support Program**
 - Facilitated through the BC Centre on Substance Abuse

EMPLOYMENT — *PRE-PANDEMIC*

- **Complex care and mental health services (including addiction medicine)**
 - Vancouver Coastal Health — Health Connection Clinic
- **Mental health and substance use services; gender-affirming care inclusive of non-binary identities; and other dimensions of primary care for ages 12 to 24**
 - Vancouver Coastal Health — Foundry North Shore
- **Physician Lead**
 - North Shore Division of Family Practice Mental Health & Substance Use working group
- **Primary care (general practice in full-scope family medicine)**
 - Lonsdale & 17th Medical Clinic, North Vancouver

EMPLOYMENT — *INTRA-PANDEMIC*

- **Continued complex medical care; addiction medicine; mental health services; and general primary care for all ages**
 - Provision of these services were modified as part of a transition to a solo practice in response to the COVID-19 pandemic; this allowed for an adaptive agility amid dynamic logistical challenges

EMPLOYMENT — PAST AND NOT MERELY INTERRUPTED BY PANDEMIC

- **Resident Doctor**
 - Family Practice Postgraduate Residency
 - University of British Columbia, Coastal Site

- **Online Tutor**
 - Tutored mathematics, chemistry, and physics to students around the world, including military personnel stationed overseas via Tutor.com with funding from the U.S. Department of Defense

- **Private Tutor**
 - Medical school examination preparation; biology; biochemistry; organic chemistry; general chemistry; physics; and mathematics

- **Classroom Instructor**
 - The Princeton Review Medical College Admission Test (MCAT) preparation

- **Research and Laboratory Assistant**
 - Hypex Technologies Inc.

- **Evaluator/consultant for vocational rehabilitation programs**
 - Salt Spring Literacy Society

- **Personal Care Assistant**
 - Lady Minto Hospital

VOLUNTEER SERVICE

- **Author and Content Creator**
 - UBC MD Undergraduate Program curriculum
- **Associate Editor**
 - The Calgary Guide to Understanding Disease
- **Author**
 - The Calgary Guide to Understanding Disease
- **Clerk 2 Clerk Program Mentor**
 - Michael G. DeGroot School of Medicine — McMaster University
- **Medical School Tutor**
 - Provision of services provided on a volunteer basis to help students overcome financial barriers
 - Covered most medical school examinations in addition to the Medical Council of Canada Qualifying Examination
- **Assessor for the Mock Objective Structured Clinical Examinations**
 - Michael G. DeGroot School of Medicine — McMaster University
- **Founder/Creator of Medical School Flowcharts website**
 - To further free and effective educational resources for medical students
- **Volunteer Companion**
 - To assist patients with dementia at an elderly care facility
- **Volunteer Science Tutor**
 - For marginalized community members
 - With a special focus on autistic spectrum disorder in children

VOLUNTEER SERVICE *(continued from previous page)*

- **Board of Directors Member/Director**
 - Salt Spring Literacy Society

- **Volunteer Coordinator**
 - Salt Spring Literacy Society

- **Community Wellness Program
Friendly Visitor**
 - Salt Spring Island Community Services

- **Alzheimer Society Volunteer
Companion**
 - Kingston, Ontario

- ***Meals on Wheels* Volunteer Driver**
 - Delivered meals to isolated elderly with mobility issues
 - Salt Spring Island, B.C.

- ***Kids 4 Kids* Executive Member**
 - Fundraising for a hospital pediatric unit
 - Kingston, Ontario

- **Peer Counselor and Mediator**
 - Gulf Islands Secondary School

- **Co-organizer of HIV/AIDS initiatives**
 - Canada and Lesotho (a country in Southern Africa)

AWARDS AND ACHIEVEMENTS

- **Dr. Morton Dodek Award in Family Medicine nomination**
 - Department of Family Practice — University of British Columbia
- **Dr. Irene Turpie Internal Medicine Geriatrics Award**
 - Michael G. DeGroot School of Medicine — McMaster University
- **Dr. James Buchan Medical School Scholarship Award**
 - Awarded in every year of medical school
- **Average percentile score of 98.8 (with a maximum of 99.6) on the standardized medical school examinations in the formal format of the Medical Council of Canada Qualifying Examination**
 - Michael G. DeGroot School of Medicine — McMaster University
- **Highest clerkship exam scores in the city/cohort**
 - Achieved on all clerkship examinations (when such information was available)
 - Michael G. DeGroot School of Medicine — McMaster University
- **Medical College Admission Test (MCAT) score above the 98th percentile**
- **Susan Near Prize in Physics**
 - For achieving the highest academic average in physics
 - Awarded to me by the Department of Physics for every academic year I completed at Queen's University
- **The Edna McGill Prize in Physics**
 - Department of Physics — Queen's University
- **The Arthur Loudon Scholarship in Physics**
 - Department of Physics — Queen's University
- **The Edna McGill Prize in Physics**
 - Department of Physics — Queen's University

AWARDS AND ACHIEVEMENTS *(continued from previous page)*

- **Dean's Honour List with Distinction**
 - For attaining an academic average in the top 3% of my program
 - Department of Mathematics and Statistics — Queen's University

- **The John and Elizabeth Murray Scholarship**
 - Department of Mathematics and Statistics — Queen's University

- **Dora and Beatrice H. Scholarship in Mathematics**
 - Department of Mathematics and Statistics — Queen's University

- **Principal's Scholarship**
 - Queen's University

- **The Governor General's Academic Medal**
 - For graduating from secondary school with the highest academic average

- **Peer Counseling Service Awards**
 - Awarded to me in every year completed in secondary school

- **Citizenship Awards**
 - Awarded to me in every year completed in secondary school

- **PAC Scholarship for Excellence in Science**
 - Gulf Islands Secondary School

- **Grade 12 Provincial Scholarship Award**
 - Gulf Islands Secondary School

- **Provincial Excellence Award**
 - Millennium Scholarship Foundation

PEER-REVIEWED PUBLICATIONS AND RELATED SCHOLARLY WORK

- Sigmund E. **The Economic and Clinical Utility of Fecal Calprotectin Use by Family Physicians.** Annual Scholarship Day —The Department of Family Practice Postgraduate Program — University of British Columbia. June 2018.
- Sigmund E., Nguyen K., Terlien P. **Dyslipidemia** Clerkship Case. UBC MD Undergraduate Program, Department of Family Practice. Mar. 2017.
- Sigmund E. **Vitamin D Deficiency: Pathogenesis.** The Calgary Guide to Understanding Disease, published online at calgaryguide.ucalgary.ca, Oct. 2015.
- Sigmund E. **High Anion Gap Metabolic Acidosis: Pathogenesis.** The Calgary Guide to Understanding Disease, published online at calgaryguide.ucalgary.ca. Aug. 2015.
- Sigmund E. **Acquired Disorders of Reduced Bone Strength: Pathogenesis.** The Calgary Guide to Understanding Disease, published online at calgaryguide.ucalgary.ca, May 2015.
- Sigmund E. **Pre-renal Acute Kidney Injury: Pathogenesis.** The Calgary Guide to Understanding Disease, published online at calgaryguide.ucalgary.ca, May 2015.
- Sigmund E. **Retroviral Infections: Mechanisms of Oncogenesis.** The Calgary Guide to Understanding Disease, published online at calgaryguide.ucalgary.ca, Mar. 2015.

FUTURE TRAJECTORY

I will continue to expand my general capacities in the provision of complex medical care; addiction medicine; and other mental health services for all ages.

To optimize this expansion, I will continue a systematic approach in further harnessing technology to more effectively contribute in these clinical domains, and to the health care system more generally.

This approach includes the following elements:

- **Modernized personalized, precision medicine**
 - With special emphasis on machine learning
- **Increased application of other forms of artificial intelligence**
 - These applications would include concurrent safeguards
- **Enhanced communication and general connectivity**
 - For patients, physicians, and other care providers
- **Expanded equitable/universal patient access to telemedicine**
 - With the prioritization of relatively isolated rural communities
- **Reduced medical errors via technological applications critical to high-reliability organizations**
- **Improved effective bandwidth between a physician and data**
 - Such data includes both patient-specific clinical information (e.g., results of investigations) as well as the corresponding relevant medical literature
- **Furthered application of other closely related technological tools; reliable resources; and prudent protocols in sustaining incremental longitudinal improvements in my capacity to contribute**

