

# DAVIDE MARCHESE

Northern Ontario School of Medicine

MARCH 2024

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807-630-2287

## EDUCATION

September 2020 – Present	<b>Undergraduate Medical Education, Year 4</b> Northern Ontario School of Medicine University, Thunder Bay, ON
May 2022	<b>Canadian Orthopaedic Surgery Medical Education Certificate</b> Completed virtually. Subspecialty orthopedics in spine, upper & lower limb, pediatrics, trauma and oncology at the UME level.
September 2018 – October 2020	<b>Masters of Science – Condensed Matter Physics</b> Lakehead University, Thunder Bay, ON <a href="http://lurepository.lakeheadu.ca/handle/2453/4714">lurepository.lakeheadu.ca/handle/2453/4714</a>
2017 – 2018 & 2019 – 2020	<b>Aboriginal Canadian Relations: Post-Graduate Certificate</b> Confederation College, Thunder Bay, ON
September 2017 – April 2018	<b>Concurrent Disorders: Post-Graduate Certificate</b> Confederation College, Thunder Bay, ON Social work and addictions based program.
September 2013 – April 2017	<b>Honours Bachelor of Science, Physics</b> Lakehead University, Thunder Bay, ON <i>Recognized as a President's List Scholar (<math>\geq 90\%</math> Average, All Years)</i>

## 4<sup>TH</sup> YEAR ELECTIVES

October 2023	<b>Anatomical Pathology – 2 weeks</b> Preceptor: Dr. P. Jani Thunder Bay, ON – Thunder Bay Regional Health Sciences Centre
August 2023	<b>Anatomical Pathology – 2 weeks</b> Preceptor: HSN Pathology Group / Dr. B. Mitrovic / Dr. B. Danielson Sudbury ON – Thunder Bay Regional Health Sciences Centre
July 2023	<b>Orthopedic Surgery – 2 weeks</b> Preceptor: Dr. A. Bodrogi Sudbury, ON – Health Sciences North
July 2023	<b>Anatomical Pathology – 2 weeks</b> Preceptor: Dr. T. Wang Kingston, ON – Kingston General Hospital
June 2023	<b>Orthopedic Surgery – 4 weeks</b> Preceptor: Big Thunder Orthopedic Group Thunder Bay, ON – Thunder Bay Regional Health Sciences Centre

## ACADEMIC DISTINCTIONS

May 2019 – April 2020	<b>2019 NSERC Canada Graduate Scholarship</b> A national award provided to graduate students based on academic achievement at the university level in addition to proposing a well-designed research project with detailed methodology. \$17,500.
April 2017	<b>Dean’s Scholar Award for the Faculty of Science and Environmental Studies – Lakehead University</b> Awarded to the student with the highest average of any student graduating with a degree from the department of physics.
2016	<b>Dr. Penny S Petrone Career in Medicine Scholarship</b> Awarded for scholastic achievement and desire to pursue medicine. \$3600.
May 2016 – August 2016	<b>Undergraduate Student Research Award, Lakehead University</b> Presented to undergraduate students based on academic standing, year level and scientific research experience. \$10,000.
May 2015 – August 2015	<b>Undergraduate Student Research Award, Lakehead University</b> Presented to undergraduate students based on academic standing, year level and scientific research experience. \$10,000.

## NON-ACADEMIC DISTINCTIONS

April 2021	<b>Ministry of Heritage, Sport, Tourism and Culture - Youth Volunteer Services Award to TBRHSC</b> Awarded to a youth volunteer based on hours and quality service.
July 2019	<b>TBRHSC Volunteer Association Student Volunteer Award</b> Recognized as a student volunteer who displayed excellent attendance and brought a positive attitude to the TBRHSC. Required third party nomination. \$1500.
November 2018	<b>Walk the Talk Volunteerism Award Nominee</b> Awarded by Thunder Bay Hospital for regularly practising the values of the hospital mission statement. "Walk the Talk". Required third party nomination.

## TEACHING EXPERIENCE

September 2022 – Present	<b>Peer-to-Peer Lecturer – Anatomy Teaching Group, NOSM</b> Histology & Pathology Sessions: Intro Cell & Epithelium, Hematopathology, Normal & Neoplastic Integumentary
September 2018 – May 2020	<b>Teaching Assistant – Lakehead University</b> Instructor and assessor of non-calculus physics at the first-year level to students. Setup for laboratory experiments.
September 2015 – December 2016	<b>Student Tutor – Private &amp; Lakehead University</b> Tutor of multiple first year level calculus and physics classes. Multiple Pupils.

## RESEARCH & PUBLICATIONS

April 2022 – August 2022	<b>Research Assistant</b> – <i>‘An Adverse Event following Hip Fracture Case Control Study’</i> <b>Thunder Bay Regional Health Research Institute</b> – Dr. T. Marion Duties included data entry, evaluating patient health / adverse events as well as protecting confidentiality.
September 2018 – October 2020	<b>Masters Thesis</b> – <i>‘Study of a Brominated Triphenylamine Derivative on Metal and Semiconducting Surfaces’</i> <b>Lakehead University</b> – Dr. M. Gallagher <a href="http://lurepository.lakeheadu.ca/handle/2453/4714">lurepository.lakeheadu.ca/handle/2453/4714</a>
May 2016 – August 2016	<b>Student Research Assistant, Lakehead University</b> – Dr. M. Gallagher Senior laboratory student responsible for supervision and training of other students. Independent use of specialized physics equipment.
May 2015 – August 2015	<b>Student Research Assistant, Lakehead University</b> – Dr. M. Gallagher Workflow optimization through redesign of maintenance experiments and computer program automation.

## VOLUNTEERISM

November 2015 – Present	<b>North Shore Steelhead Association</b> Fundraising for conservation efforts Physically restoring riverbanks.
August 2019 – January 2021	<b>Big Brothers, Big Sisters Mentor – Our Kids Count</b> One-on-one mentorship for children at risk of addictions or criminal activity, including children living in poverty or household instability.
August 2019 – December 2020	<b>Student Ambassador – Lakehead University</b> Assist with and prepare for school events such as new student orientation. Provide students tours and lead rallies or game nights among other team-spirit building activities.
May 2018 – October 2020	<b>Volunteer Advisory Council to the Board of Directors for the Thunder Bay Regional Hospital</b> Monthly meetings with the purpose of advising on the challenges and successes facing the hospital’s volunteers and programs.
December 2015 – January 2020	<b>Hospital Elder Life Program –Thunder Bay Regional Hospital</b> Friendly visitation and companionship for elderly patients in hospital to combat delirium. Included specific training to care for persons living with dementia. 650h total.
August 2017 – June 2019	<b>Cancer Centre – Thunder Bay Regional Hospital</b> Assist cancer patients with medical surveys prior to their doctor appointment. Provide refreshments as well as tending to miscellaneous patient requests. 275h total.

## LEADERSHIP & SERVICE

July 2022 – Present	<p><b>President, Treasurer &amp; Secretary – Pathology Interest Group Northern Ontario School of Medicine</b></p> <p>Plan pathology related school events. Budget planning, funding applications and organizing honorariums for guest speakers.</p>
September 2022 - Present	<p><b>Confidant – Peer Support Network, NOSM</b></p> <p>Available as a confidant anytime for confidential discussions with junior year students to discuss challenges of school or life. Training in active listening, mindfulness and crisis intervention provided to better assist students in need. Contact info provided publicly.</p>
September 2022 – Present	<p><b>Year 3 Representative – Evidence Based Medicine Interest Group Northern Ontario School of Medicine, NOSM</b></p> <p>Assist with the development of a student hosted NOSM chapter for research publications in addition to a critical appraisal framework.</p>
December 2022	<p><b>Longitudinal Leadership Training Series</b></p> <p>Participant in a series of interactive sessions with the express purpose of practising our interpersonal, listening and reflecting skills to develop our leadership characteristics.</p>
August 2022 – May 2023	<p><b>Year 3 Representative – PoCUS Interest Group, NOSM</b></p> <p>Advertisement of interest group events. Recruitment of male models for practice teaching sessions hosted by the group.</p>
September 2021 – July 2022	<p><b>Year 2 Representative – Pathology Interest Group, NOSM</b></p> <p>Assist with planning for interest group events. Advertisement of events.</p>