**DAVIDE MARCHESE**

**Northern Ontario School of Medicine, MS2**

**APRIL 2022**

807-630-2287

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**EDUCATION**

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| September 2018 – September 2020 | **Masters of Science, Physics – Condensed Matter**  Lakehead University, Thunder Bay, ON |
| 2017 – 2018  &  2019 – 2020 | **Aboriginal Canadian Relations: Post-Graduate Certificate**  Confederation College, Thunder Bay, ON |
| September 2017 – April 2018 | **Concurrent Disorders: Post-Graduate Certificate**  Confederation College, Thunder Bay, ON |
| September 2013 – April 2017 | **Honours Bachelor of Science, Physics**  Lakehead University, Thunder Bay, ON President’s List Scholar (All Years) |

**EMPLOYMENT EXPERIENCE**

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| September 2018 – May 2020 | **Teaching Assistant**  **Lakehead University**  Instruct and assess non-calculus physics at the first-year level to students. |
| May 2018 – October 2020 | **Respite Care Worker**  **Wesway Thunder Bay**  Provide various levels of personal care to individuals. Includes emotional and physical support with activities of daily living. |
| Oct 2017 – March 2018 | **Pool Attendant**  **Best Western Plus NorWester Hotel & Conference Centre**  Maintenance and upkeep of pool and fitness facility for the safety of customers.  Regulating water chemistry of pool and hot tub. |
| May 2016 – August 2016 | **Student Research Assistant** under Dr. M. Gallagher  **Lakehead University**  Independent manipulation of samples, scanning tunneling microscope and other vacuum equipment |
| May 2015 – August 2015 | **Student Research Assistant** under Dr. M. Gallagher  **Lakehead University**  Design and construction of methods to prepare and maintain a component of the scanning tunneling microscope  Design of computer programs to assist in data acquisition |
| September 2015 – December 2016 | **Student Tutor**  **Lakehead University**  Tutor of first year level calculus and physics. |
| May 2014 – January 2015 | **Sales Associate**  **Old Navy**  Assisting customers. Building and maintaining displays. |
| July 2013 – November 2014 | **Warehouse Labourer**  **Loudon Brothers Wholesale**  Pick and package meat products and produce for shipping. |

**VOLUNTEER EXPERIENCE**

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| August 2019 – January 2021 | **Big Bothers, Big Sisters** Mentor  **Our Kids Count**  Being a positive role model for at risk youth. |
| August 2019 – December 2020 | **Student Ambassador** Volunteer  **Lakehead University**  Assist with and prepare for school events such as new student orientation. Provide student tours, etc. |
| August 2017 – June 2019 | **Cancer Centre** Volunteer  **Thunder Bay Regional Hospital**  Provide refreshments for patients. Orient new patients. Assist patients with surveys. |
| May 2017 – August 2018 | **Long Life Care** Volunteer  **Thunder Bay Indigenous Friendship Centre**  Interacting with all ages. Meal clean up.  Participation and organization of activities. |
| December 2015 – January 2020 | **Hospital Elder Life Program** Volunteer  **Thunder Bay Regional Hospital**  Provide friendly visitation and companionship to patients. Document potential presence of delirium. |
| November 2015 – Present | **North Shore Steelhead Association** Volunteer & Member  Riverbank restoration/preservation. Fundraise for conservation efforts. |
| April 2014 – December 2016 | **ReStore** Volunteer  **Habitat for Humanity**  Accept, clean and sell donated items.  Assist customers. |
| September 2009 – July 2014 | **Nor’Wester Mountain Protection Committee** Volunteer  Updating directories, making displays, attending rallies. |

**AWARDS AND HONOURS**

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| July 2019 | **TBRHSC Volunteer Association University/College Student Award** Recipient  Recognized as a student volunteer who displays excellent attendance and brings a positive attitude to the Thunder Bay Regional Health Sciences Centre  $1500 |
| May 2019 – April 2020 | **2019 NSERC Canada Graduate Scholarship** Recipient  A national award provided to students who demonstrate high achievement in undergraduate and early graduate studies.  $17,500 |
| November 2018 | **Walk the Talk** Nominee  Nominated in the volunteerism category for exceptional contribution to the Thunder Bay Health Sciences Centre |
| September 2013 – April 2017 | **Dean’s Scholar Award for the Faculty of Science and Environmental Studies**  Highest average within the physics program. |
| September 2013 – April 2017 | **President’s List**  A yearly distinction for students with an overall average above 90%. |
| 2016 | **Dr. S Penny Petrone Career in Medicine Scholarship**  Awarded on scholastic achievement and desire to pursue medicine.  $3600 |
| May 2016 – August 2016 | **Undergraduate Student Research Award**  Presented to undergraduate students based on academic standing and year level.  $10,000 |
| May 2015 – August 2015 | **Undergraduate Student Research Award**  Presented to undergraduate students based on academic standing and year level.  $10,000 |
| 2013 | **Lakehead University Entrance Scholarship**  Awarded automatically to students with a 12th grade average above 95%. |
| 2013 | **Governor General Award**  Awarded to the graduating individual with the highest institutional average. |
| 2013 | **Toronto Dominion Bank Scholarship**  Selected upon exceptional academic achievement for students pursuing science in university. |
| 2013 | **Gr.12 Mathematics Unit Award**  Awarded to the St. Patrick Highschool student with the highest average among all disciplines of Gr.12 mathematics. |
| 2012 | **Second Highest Average Gr.11**  Awarded to the Gr.11 St. Patrick Highschool student with the second highest average. |
| 2012 | **Gr.11 Physics Award**  Awarded to the St. Patrick Highschool student with the highest grade in Gr.11 physics. |
| 2012 | **Gr.11 Religion Award**  Awarded to the St. Patrick Highschool student with the highest grade in Gr.11 religion. |
| 2011 | **Gr.10 Highest Average**  Awarded to the Gr.10 St. Patrick Highschool student with the highest average. |
| 2011 | **Gr.10 Automotive Award**  Awarded to the St. Patrick Highschool student with the highest grade in Gr.10 ‘transportation’. |
| 2011 | **Gr.10 Civics And Careers Award**  Awarded to the St. Patrick Highschool student with the highest grade in Gr.10 civics. |
| 2011 | **Gr.10 Religion Award**  Awarded to the St. Patrick Highschool student with the highest grade in Gr.10 religion. |
| 2011 | **Gr.10 Math Award**  Awarded to the St. Patrick Highschool student with the highest grade in Gr.10 mathematics. |

**REFERENCES**

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| 1. | **Dr. Mark Gallagher**  Physics Professor  Lakehead University  mcgallag@lakeheadu.ca  (807) 343-8286 |
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