

Marie Flanagan, B.Sc. (April, 2021)

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Summary & Objective

Currently in my final year of a B.Sc. (Hons) degree in Earth Sciences with a focus on geophysics at the Memorial University of Newfoundland, my diverse geoscientific interests are centered on geophysical applications for mineral exploration. Building on my honours thesis involving a magnetism study of the Valentine Lake (NL) Gold Deposit and my summer employment as a geological assistant with the NL Geological Survey, following my expected graduation in April I am seeking permanent or contract employment in a position in exploration geology and geophysics, either in industry or government, that would offer a balance of field and office work and an opportunity to further develop my knowledge and skills.

Education

2016-present

Memorial University of Newfoundland
Major in Earth Sciences (Geophysics) and minor in Mathematics
Expected Graduation with B.Sc. (Hons) in April 2021

Completed courses: Electric and Electromagnetic Methods in Geophysics, Seismic and Potential Methods in Geophysics, Economic Geology, Environmental Geology, Quaternary Geology, and Digital Signal Processing

Completed field schools: Introduction to Geological Mapping, Structural Geology & Stratigraphy, and Reservoir Architecture & Sequence Stratigraphy

3.78 GPA
Faculty of Science Dean's List 2018-2019

Summer 2018

Carleton University
Summer Chemistry course

Employment Experience

Summer 2020

Memorial University of Newfoundland, Research Assistant

- Completed field work involving magnetism methods, gravity methods, and SONAR
- Created maps using Oasis Montaj
- Created how-to documents for others

Summer 2019

NL Geological Survey, Summer Student

- Assisted with field work, mapping and sample collecting
- Surveyed using RTK equipment
- Worked with rock saw, rock crusher, rock pulverizer
- Created maps using ArcGIS

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- 2019-present The Works, Crewleader
- Chief first aider
 - Manage and supervise shifts of 8-15 lifeguards and instructors
 - Scheduling
- 2016-present The Works, Lifeguard and Swim Instructor
- Lifeguard at Aquarena and Memorial University Pools
 - Provide emergency care and treatment as required
 - Instruct youth appropriate swimming lessons for their age/skill
 - Pool and facility maintenance
- Summer 2017 Easter Seals NL, Overnight Camp Counselor
- Provided an overnight camp experience for people with disabilities
 - Designed and planned adapted programs
 - Completed training in disability awareness, inclusive programming, epilepsy awareness, behavior management and team building
- 2014-2016 St. John's Legends, Swim Coach
- Coached children aged 6-12 in a non-competitive environment
 - Taught various swimming techniques
 - Designed practices
 - Coached the annual Swim For Hope, an overnight fundraiser for the Dr. H. Bliss Murphy Cancer Care Foundation and Swim NL

Awards, Achievements and Certifications

- Alexander Murray Geological Club President (2020-2021)
- Alexander Murray Geological Club Sports Representative (2019-2020)
- Imperial Oil Best Poster Award, Atlantic Universities Geoscience Conference (2020)
- Canadian Society of Exploration Geophysics (CSEG) Atlantic University Challenge Bowl winner (2019)
- Dennis R. Prince Memorial Scholarship (2020)
- KEGS Foundation WAMIC Geophysics Scholarship (2020)
- Chevron Canada Ltd. Scholarship in Business, Earth Sciences, Economics, and Engineering (2019)
- Chevron Canada Resources Scholarship in Geology and Geophysics (2019)
- Ernst R. Deutsch Memorial Scholarship in Geophysics (2019)
- Husky White Rose Extension Diversity Project Scholarship (2019)
- Maureen Penney Memorial Scholarship (2019)
- LGL Limited Scholarship in Marine Science (2019)
- Canadian Society of Exploration Geophysics (CSEG) Foundation Award (2019)
- Phillip Hallof Memorial / SEG Scholarship (2019)
- KEGS Foundation WAMIC Geophysics Scholarship (2019)
- Memorial University Endowment Scholarship (2016-2017)
- Prospectors and Developers Association of Canada (PDAC) student member
- Canadian Society of Exploration Geophysics (CSEG) student member

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- Geological Association of Canada (GAC) student member
- Canadian Society of Petroleum Geologists (CSPG) student member
- National Life Saving Society, Lifeguarding certification
- Standard First Aid, Wilderness First Aid and CPR-C certified
- Mental Health First Aid certified
- Certified in Making Ethical Decisions, Nutrition, & Planning a Practice (National Coaching Certification Program)
- Class 5 Newfoundland and Labrador Driver's License
- Pleasure Craft Operator Card holder
- Canadian ATV Operator Card holder
- Duke of Edinburgh Silver Award

Volunteer Experience

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| Winter 2020 | Student Volunteer, PEGNL Bridge Building Competition <ul style="list-style-type: none">• Executed mineral identification challenge with youth aged 5-17• Educated the public on beginner's geology• Assisted with questions and concerns |
| 2018-2019 | Student Volunteer, Mineral Resources Review Conference <ul style="list-style-type: none">• Directed conference participants• Assisted with questions and concerns |
| Summers 2014-2019 | Volunteer counsellor, Burry Heights United Church Camp <ul style="list-style-type: none">• Care for children aged 8-14 for a week at a time• Ensure safety of campers day and night• Plan day-to-day activities• Attended counsellor and leadership training sessions• Delivered speeches on leadership• Created social media pages to promote events• Volunteered over 1000 hours |
| 2015-2018 | Participant, Memorial Relay for Life
Overnight indoor walk for the Canadian Cancer Society <ul style="list-style-type: none">• Member of Burry Heights Counsellors for a Cure team• Team captain of 2018 relay |
| 2013-2016 | Homeroom President, Gonzaga High School Student Council <ul style="list-style-type: none">• Attended meetings to organize school events• Promoted events using social media• Organized transportation and booked venues for outings |
| 2005-present | Course marshal and merchandise salesperson
Directed runners, distributed water, sold merchandise <ul style="list-style-type: none">• Terry Fox Run, BC and NL• Newfoundland and Labrador Athletics Association (NLAA)• Athletics NorthEast (ANE) |