

# Research Assistant Position – Energy Efficient Shipping: MI Nautical Science Student Wanted

**Location:** Ridge Road, Marine Institute and Online

**Position Type:** Part-time, Temporary

## **Job Description:**

We are seeking a current **nautical science student** to work within the OpenZero research project (full title: “*OpenZero: Digital user interface design for energy-conscious and safe maritime operations*”) focusing on solutions for maritime industry's push towards lowering carbon emissions. The Marine Institute is work package leader in the R&D collaboration project, including partners such as DNV, Lloyds Register, ABB, Kongsberg GE, etc.

The student work task will be to carry out a systematic review of current nautical science curriculum of international maritime education centers (including the Marine Institute) to benchmark current learning objectives and content related to energy efficiency in operations in differing nautical science programs and classes around the world. This will include mainly online website and database searches in order to review course materials, including syllabi, course and program descriptions of nautical science programs within the International Association of Maritime Universities (IAMU: <https://iamu-edu.org/>)

As this work will be completed within the larger OpenZero project the opportunity for networking and collaboration (i.e. opportunity to meet, work with and present) throughout this work to international project members will occur. A report and article are planned to be made from this review.

## **Timeline & Pay:**

This work is aiming to be completed by Fall 2024. Employment period and conditions are flexible to meet fulltime student's workload, and negotiable. Estimated number of hours to complete this task is approximately 100-150 hours, with room for increase, if necessary. Salary follows current MUN student employment scales (approx. \$17.65- \$19.81 per hour, depending on year of study).

For more project and partner information please see: <https://www.oicl.no/projects/openzero>

If you're interested in the position or to learn more reach out to project manager Steven Mallam: [steven.mallam@mi.mun.ca](mailto:steven.mallam@mi.mun.ca)