

# Ocean Imaging Specialist

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## Position Details

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### Position Information

<b>Position Title</b>	Ocean Imaging Specialist
<b>Department/Unit</b>	Oceanography
<b>Research Project</b>	Ocean Frontier Institute
<b>Location</b>	Halifax
<b>Posting Number</b>	GP31-19
<b>Employee Group</b>	Grant-Paid
<b>Position Type</b>	Term
<b>Duration of Contract (if applicable)</b>	2 years
<b>Employment Type</b>	Full Time
<b>Full-time Equivalency (FTE)</b>	1.0
<b>Salary</b>	\$75,000 - \$90,000 (35 hours per week)

### About the Organization

The Ocean Frontier Institute (OFI; <http://oceanfrontierinstitute.com>) is a major new global hub for ocean research headquartered at Dalhousie University with partners at major ocean research centers around the North Atlantic Ocean. OFI has established a Research Implementation Unit (RIU): a team of highly skilled and specialized technical staff who assist OFI researchers at Dalhousie with field research, data management and analysis, and interaction with key technical personnel from OFI partners.

The RIU supports ocean observation in Atlantic Canada and uses emerging technology to observe, understand and predict physical, biogeochemical and ecological change in the ocean. OFI has strong partnerships with the Marine Environmental Observation Prediction and Response (MEOPAR) Network of Centre of Excellence (<http://meopar.ca>) and also the Ocean Tracking Network (<http://oceantrackingnetwork.org>), both hosted at Dalhousie University. OFI cooperates with multiple partners in Atlantic Canada, including founding partners Memorial University of Newfoundland and University of Prince Edward Island, and government partners such as the Bedford Institute of Oceanography.

### Job Summary

Reporting to the OFI RIU Manager, with strategic and operational direction from the OFI Scientific Director, the RIU Ocean Imaging (OI) Specialist will be an integral part of field and laboratory operations. The OI Specialist will be responsible for creating a plan for the Ocean Imaging Centre, maintaining imaging systems, develop methodologies, participate in expeditions, and train students and researchers.

### Key Responsibilities

- In conjunction with the RIU Manager and the OFI Scientific Director, develop and execute a concept plan for the establishment of OFI's Ocean Imaging Centre.
- Setup and maintain laboratory imaging systems. Investigate and develop improved methodologies for research-related imaging.
- Source, maintain and calibrate specialized optical imaging oceanographic equipment. Maintain service records on oceanographic equipment and assist in the fabrication and

on-going maintenance of field equipment.

- Provide technical training, advice and support to ocean researchers on imaging systems. Assist and lead (as required) deployments and recoveries of oceanographic equipment.

- Interface with data scientists and data managers to organize, store and access large numbers of images and related data.

- Participate in research planning meetings, which may include overseas travel.

**Note**

Participation in laboratory work and field work will be required. Some field work will occur on land, but most will be aboard vessels. It is anticipated that ~20% of the OI Specialist's time will be spent outside the office.

**Qualifications**

Undergraduate degree in Oceanography, Electronics Technology, or Engineering with 3 to 5 years' of related experience maintaining, troubleshooting, and deploying oceanographic equipment (or an equivalent combination of training and experience). An advanced degree of either a MSc or PhD, in oceanographic imaging preferred. Ability to process image data is required. Must possess a valid driver's license. Ability to work at sea necessary, including passing physical examination required for MED A3 training. Must possess strong attention to detail with the ability to work independently, as well as part of a team and problem-solve effectively. Excellent communication skills, both written and oral, are required. Demonstrated ability to document activities, ensure checklists are followed, and have a strong attention to safety protocols with the ability to create and refine new protocols and procedures as needed.

**Additional Information**

Dalhousie University supports a healthy and balanced lifestyle. Our total compensation package includes a voluntary RRSP, health and dental plans and an employee and family assistance program.

**Application Consideration**

**Diversity Statement**

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community. For more information, please visit [www.dal.ca/hiringfordiversity](http://www.dal.ca/hiringfordiversity).

**Posting Detail Information**

**Number of Vacancies**

1

**Open Date**

08/23/2019

**Close Date**

09/16/2019

**Open Until Filled**

No

**Special Instructions to Applicant**

**Quick Link for Direct Access to Posting**

<http://dal.peopleadmin.ca/postings/1976>

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## Documents Needed to Apply

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Required Documents

1. Résumé / Curriculum Vitae (CV)

Optional Documents

1. Cover Letter