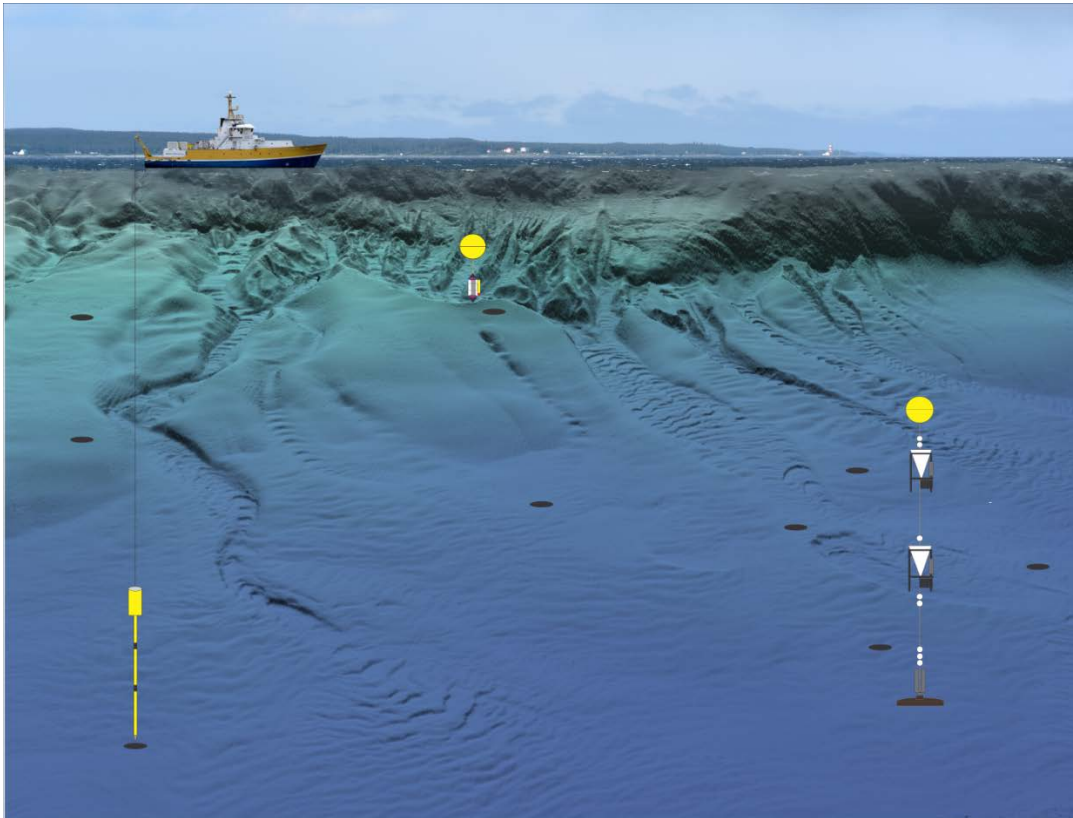


Ph.D. position in marine geology/micropaleontology

L'Institut des sciences de la mer de Rimouski (ISMER) of the University of Québec at Rimouski (UQAR), in partnership with the University of New Brunswick (UNB), invites applications for a doctoral student research position (Ph.D.) in the field of marine geology and micropaleontology. ISMER-UQAR, located in Rimouski (Quebec, Canada) on the shore of the St. Lawrence Estuary, is a multidisciplinary oceanographic research center equipped with state-of-the-art analytical infrastructures as well as an oceanographic research vessel (R/V Coriolis II), allowing ISMER-UQAR to play a leading role in marine sciences.



Oceanographic operations performed on the Pointe-des-Monts canyons, east of the Lower St. Lawrence Estuary
(©Alexandre Normandeau)

RESEARCH TOPIC

Funded by the Réseau Québec maritime ([RQM](#)) and the Marine Environmental Observation, Prediction and Response ([MEOPAR](#)) network, the proposed research project aims to use physical properties of sediments, dinocyst assemblages, mineralogy and elemental geochemistry on a set of sediment traps, sediment core and phytoplankton net samples collected within a submarine canyon system located off Pointe-des-Monts in the St. Lawrence Estuary. The multiproxy data that will be acquired will be used to: (1) document the Late Holocene recurrence of turbidity current events within the Pointe-des-Monts canyons, (2) map the distribution of *A. catenella* in the seafloor sediments from the Pointe-des-Monts region, and (3) determine the role of the turbidity current events on the resuspension and dispersion of harmful algae within the Pointe-des-Monts canyons. The student recruited as part of this Ph.D. project will have the opportunity to participate in at least one oceanographic campaign in the St. Lawrence Estuary aboard the R/V Coriolis II, as well as attending national and international scientific meetings. The PhD thesis will be supervised by Professors Jean-Carlos Montero-Serrano (ISMER-UQAR; supervisor), Audrey Limoges (UNB; co-supervisor), André Rochon (ISMER-UQAR-, co-supervisor), and Guillaume St-Onge (ISMER-UQAR; co-supervisor).

SCHOLARSHIP AMOUNT

-21,000 CAN\$ per year, for a maximum duration of three years.

-A tuition exemption program is also available to cover the extra tuition fees of international students:

<https://www.uqar.ca/services/services-a-l-etudiant/aide-financiere/programme-d-exemption-des-droits-de-scolarite-supplementaires-exiges-des-etudiants-etrangers-de-l-uqar>

-To get an idea of the cost of studying in Rimouski, please visit this website:

<http://services.uqar.ca/SimulationFrais/>

EXPECTED STARTING DATE

As soon as possible, and no later than April 2021.

STUDY PROGRAM

-Ph.D. in Oceanography from ISMER-UQAR, Rimouski, Québec, Canada. For more information on the Ph.D. in oceanography at ISMER:

<https://www.uqar.ca/etudes/etudier-a-l-uqar/programmes-d-etudes/3292>

-An internship at the University of New Brunswick (UNB, Fredericton campus) is planned during the development of the Ph.D.

DESIRED QUALIFICATIONS

The candidate should hold a M.Sc. degree in Earth Sciences, Oceanography, Geology, Geochemistry, Geological engineering, or any related discipline at the time of appointment, and having experience in sedimentology, paleoclimatology, mineralogy, and palynology will be seen as an advantage. The candidate should also satisfy the basic admission requirements of ISMER-UQAR for the Ph.D. program in Oceanography. Applicants must be proficient in both written and oral French and English.

HOW TO APPLY

Please send all the documents listed below in one PDF file to Jean-Carlos Montero-Serrano

(jeancarlos_monteroserrano@uqar.ca):

- 1) Cover letter;
- 2) CV;
- 3) All university transcripts;
- 4) A list of practical and technical skills;
- 5) Names and contact information of two potential referees.

Review of applications will begin now and continue until the position is filled.

We welcome applications from all qualified students. We encourage women, First Nations, Métis, Inuit, members of visible or cultural minorities, LGBTQ and all who may contribute to further diversification of research approaches, ideas and group dynamics.