Innovation in graduate training

A skills-focused graduate program in fisheries science

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It's hard to be a marine scientist

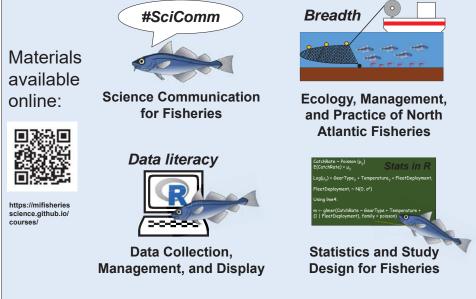
Being good at science is no longer enough

Modern fisheries and marine scientists are expected to be excellent writers and public speakers. They must be able to work with industry, NGO's, governments, and other sectors to mobilize knowledge. They have to be competent coders and data analysts, and keep abreast of fast-changing best-practices in data sharing and archiving.

If we expect students to gain these skills, we must be prepared to train them

Here, I introduce a new set of research-based graduate programs, where the course content is specifically designed to build proficiency in skill sets critical to the scientific enterprise.

Core Program Courses



Also: two courses in statistical stock assessment

What is the Marine Institute?	Semester:	1 (fall)	2 3	4	5	6	7	8	9	10	11	12
The Marine Institute (MI) is a polytechnic institute located in	M.Sc Fisheries Science	Sci	Stats			Exam	*S.A.	= Sto	ock As	sessm	nent	
Established in 1964, MI is mandated to advance the	M.Sc Stock Assessment Comm S.A.1* S.A.2 Exam						[†] Ph.D students do either generalist or the S.A. courses					eralist
economic interests of NL's marine sector. In 1992, MI joined Memorial University. In 2017, the graduate programs described here were approved by the University Senate,	Ph.D Fisheries Science	Data	Stats [†]	S.A.2		Comps						Defen
representing the first time MI has offered a Ph.D program.		Breadth										

MI has deep institutional ties to industry, local NGO's, government, and communities across the province.



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M.Sc Fisheries Science	Sci	Stats				Exam	*S.A. = Stock Assessment							
M.Sc Stock Assessment	Comm	S.A.1*		S.A.2		EXCATT	[†] Ph.D students do either generalist stats or the S.A. courses							
Ph.D Fisheries Science	Data	Stats [†]		S.A.2		Comps						Defense		
	Breadth													

Principles:

- Evidence underpins everything
- Scientific integrity built into all activities
- Respect everyone's time: no busywork
- Publishing matters but is not the only thing that matters
- Support science communication, outreach, and engagement

Contact a research supervisor to apply: https://www.mi.mun.ca/researchsupervisors/

Call to action: Could your institution benefit from this type of training?

Let's talk!

Funding for this poster:

