

Marine Science Teaching Fellows Call for Proposals 2024/2025 Academic Year

The Marine Science Teaching Fellows program provides opportunities for advanced VIMS Ph.D. students to teach one-credit seminar courses (MSCI 398 courses) (typical enrollment: 12–15) on the Williamsburg campus for the Undergraduate Program in Marine Science (UPMS). Such courses could (but do not necessarily have to) be related to the research expertise of the Teaching Fellow and should enrich the undergraduate Marine Science Minor curriculum.

Teaching Fellows must have passed their qualifying exams by the start of the semester during which they are teaching. We also ask that all Fellows have some teaching / outreach experience **and/or** have received training in teaching *before the semester in which they intend to teach a MSCI 398*. Examples of the latter include having taken *MSCI 508 College Science Teaching* (last offered Spring 2022), or one of the opportunities offered at William & Mary: *GRAD 560 Graduate Teaching Project*, the *GRAD/STLI Teach From Scratch* short course, or the *STLI College Teaching Essentials* online short course.

Successful applicants will be mentored by one faculty member from each VIMS and Arts & Sciences (the UPMS co-directors), who will work with the Fellows as they develop their proposed syllabus and course activities. The faculty mentors will individually observe a class session and meet with each Teaching Fellow at least once during the semester to provide feedback and review mid-semester teaching evaluations, and, at the end of the semester, to review course evaluations.

Each Teaching Fellow will receive a stipend of \$2,000 (or \$1,250 each for co-taught classes). Up to three course opportunities will be available each semester during the Fall 2024 and Spring 2025 semesters.

Proposed courses should not duplicate courses in the current curriculum of a W&M program or department. As guidance, a list of past topics (since 2019) is appended on page 2 of this document. Applications should avoid topical overlap with courses taught during the last two years (since Fall 2022). We encourage applicants to be creative in proposing a course (and course title) that would build on their research expertise and would be of interest to undergraduate marine science students. Before submitting a proposal, applicants are encouraged to talk with [Christopher Hein](#) or [Nick Balascio](#) (W&M Geology) to discuss the appropriate topical focus for the course.

A complete application will include the following, all submitted electronically to Christopher Hein (hein@vims.edu), by Friday, **10 November 2023**.

1. Application:

- One-two page document including name, title of proposed seminar, semester in which you would prefer to teach the course (fall or spring), a brief description of the proposed course, description of your teaching experience, statement of your career goals and how being a Teaching Fellow would fit with those goals (the document file name should include your name).
 - Curriculum vitae.
2. Very brief statement from your advisor giving their approval for you to teach a one-credit seminar in the event that you are selected as a Teaching Fellow (could be sent as an email to [Christopher Hein](#)).
 3. One brief (< 1 page) letter of recommendation (from advisor, another faculty member, or someone else familiar with your abilities).

The Marine Science Teaching Fellows Selection Committee will include Chris Hein and Nick Balascio (UPMS co-directors) and possibly other members of the UPMS Advisory Committee. Selections will be influenced by the quality of the application package, student availability, the desire to maintain a balance of disciplines in the seminars offered each semester, and the availability of funds.

Marine Science Teaching Fellow Seminar Courses 2019 - 2024

Semester	Instructor	Course Topic (Short Name)
Spring 2024	Kayla Cahoon	<i>Sea-Level Change Through Time and Space</i>
Spring 2024	Alexandria Marquardt	<i>Professional Development for Marine Scientists</i>
Spring 2024	Alex Schneider	<i>Shifting Phenology in Marine Fisheries</i>
Fall 2023	Brian Kim	<i>Navigating the Modern Arctic</i>
Fall 2023	Abigail Sisti	<i>Ocean & Coastal Acidification</i>
Spring 2023	Kaitlyn Clark	<i>Fisheries & Fishing Communities of Chesapeake Bay</i>
Spring 2023	Rachel Dixon	<i>Estuarine Science & Management</i>
Spring 2023	Aman Kohli & Malina Loehner	<i>Epidemics Under Water</i>
Fall 2022	Sean Kinard	<i>Hurricane Disturbance Ecology</i>
Fall 2022	Anthony Himes	<i>Physiology of Marine Invertebrates</i>
Fall 2022	Annie Schatz	<i>Aquaculture & Sustainability</i>
Spring 2022	Andrew Corso	<i>Marine Biomimicry and Bioinspiration</i>
Spring 2022	Derek Detweiler	<i>Wetland Biogeochemistry: Methods to Management</i>
Spring 2022	Kyle Hinson	<i>Ocean Predictions and Climate Change</i>
Fall 2021	Fei Da	<i>Ocean and Coastal Acidification</i>
Fall 2021	Stephanie Wilson	<i>Nitrogen Impacts in Marine Environment</i>
Spring 2021	Meredith Evans Seely & Stephanie Wilson	<i>Marine Science Through Film</i>
Spring 2021	Serina Wittingham	<i>Climate Change in Coastal Marine Systems</i>
Fall 2020	Sam Fortin	<i>Introduction to Marine Microbial Ecology</i>
Fall 2020	Amanda Guthrie	<i>Linking People and Ecosystems</i>
Spring 2020	Meredith Evans Seely	<i>Pollutants in the Marine Environment</i>
Spring 2020	Gail Schwieterman	<i>Fishery-Related Capture Stress & Management Implications</i>
Spring 2020	Brianna Stanley	<i>Coastal Nutrient Dynamics and Anthropogenic Inputs</i>
Spring 2020	Jessie Turner	<i>Satellite Remote Sensing to Assess Global Change</i>
Fall 2019	Dan Coleman	<i>Coastal Wetlands: Losses and Gains</i>
Fall 2019	Vaskar Nepal	<i>Invasive Species in Coastal Ecosystems</i>
Fall 2019	Sarah Pease	<i>Society and the Sea: Case Studies of Fishing Cultures & Management</i>
Spring 2019	Pam Braff	<i>Remote Sensing Applications in Coastal/Marine Resource Management</i>
Spring 2019	Diego Biston Vaz	<i>Diversity of Fishes</i>