

Course Syllabus

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FISH 521
Research Proposal Writing & Professional Development
Winter 2019

Instructors:

Julian Olden / Daniel Schindler

Meeting location: FSH 203

Office: Fisheries Science Bldg., Room 318/320

Meeting time: M 1:30-4:20

Email: [olden@uw.edu \(mailto:olden@uw.edu\)](mailto:olden@uw.edu) / [deschind@uw.edu \(mailto:deschind@uw.edu\)](mailto:deschind@uw.edu)

Web: <https://canvas.uw.edu/courses/1256078>

COURSE OBJECTIVES

The intention of this course is to help new graduate students develop the fundamental skills needed to design and craft compelling and effective proposals, whether they be for satisfying departmental thesis and dissertation requirements, or for obtaining research funding. Students will gain experience in reviewing and critiquing proposals of their peers, and in refining their scientific writing skills.

We will also explore and practice effective strategies for improving other professional skills critical for success in a scientific career. These skills include: 1) writing interesting and impactful scientific articles, 2) navigating the peer-review process, 3) preparing and delivering effective scientific presentations, 4) communicating with stakeholders and the public, and 5) developing competitive job applications.

INSTRUCTORS

We endeavor to keep the course content timely and relevant to stimulate student discussion and participation for the most enjoyable and effective learning. Julian Olden and Daniel Schindler are professors in the School of Aquatic and Fishery Sciences, and their research focuses on the ecology and conservation of aquatic ecosystems.

METHOD OF INSTRUCTION

This course will consist of one 3-hour combined lecture/discussion/practicum per week.

ASSIGNMENTS and GRADING

Item	Description	Due dates	Grade
<i>Proposal</i>	Thesis/dissertation proposal related to your graduate research.	<i>Jan 13: Summary (5%)</i>	40%
		<i>Jan 20: Outline (5%)</i>	
		<i>Feb 3: Draft proposal (10%)</i>	
		<i>Feb 24: Final proposal (20%)</i>	
<i>Article peer review</i>	Peer review of scientific manuscript	<i>Feb 8</i>	20%
<i>Science communication</i>	Your science communication strategy	<i>Feb 15</i>	5%
<i>Delivering your message</i>	Lightning presentation	<i>Feb 4</i>	15%
<i>Peer review</i>	A 3-hour panel review where you will be responsible for reviewing 4 classmate proposals.	<i>Feb 25</i>	20%

TOPICS

Date	Topic
Jan 7	Overview of research proposals and strategies for effective story-telling and writing
Jan 14	Developing your proposal, creating a budget, effective writing strategies
Jan 21	NO CLASS: Martin Luther King Day
Jan 28	Keeping up with the literature, how to review a paper, understanding and navigating the peer review process
Feb 4	Science communication, delivering your messages to the class, and designing your communication strategy
Feb 11	NO CLASS

- Feb 18 NO CLASS: Presidents Day
- Feb 25 Delivering your message, lightening talks
- Mar 4 Panel with representatives from potential future employers

* This is a tentative list of discussion topics. Please consult the course Canvas website for updates.

Academic Integrity

Plagiarism, cheating, and other misconduct are serious violations of your contract as a student. We expect that you will know and follow the University's policies on cheating and plagiarism. Any suspected cases of academic misconduct will be handled according to University regulations. More information can be found at: <http://depts.washington.edu/grading/issue1/honesty.htm> (<http://depts.washington.edu/grading/issue1/honesty.htm>). Be advised, the instructors of this course have the right and responsibility to notify University Conduct committees about ANY suspected student misconduct.

Email and computer use

All students are expected to have an email address and you will receive email relevant to this course on a regular basis.















GRADING POLICY



You must turn-in all your assignments by the noted deadline via the Canvas course website. Assignments received after the deadline will receive a zero grade unless otherwise arranged with the Instructors. Instructors will try to give timely feedback on all assignments.

DISABILITY ACCOMMODATIONS

It is crucial that all students in this class have access to the full range of learning experiences. At the University of Washington, it is the policy and practice to create inclusive and accessible learning environments consistent with federal and state law. If you anticipate or experience barriers to your learning or full participation in this course based on a physical, learning, or mental health disability, please immediately contact the instructor to discuss possible accommodation(s). A more complete description of the disability policy of the College of the Environment can be found here. If you have, or think you have, a temporary or permanent disability that impacts your participation in any course, please also contact Disability Resources for Students (DRS) at: 206-543-8924 V; 206-543-8925 TDD; uwdss@uw.edu (<mailto:uwdss@uw.edu>) e-mail; <http://www.uw.edu/students/drs> (<http://www.uw.edu/students/drs>) web.

Course Summary:

Date	Details	
Mon Jan 7, 2019	 Intro to proposal writing (https://canvas.uw.edu/calendar?event_id=1208136&include_contexts=course_1256078)	12am
Sun Jan 13, 2019	 Proposal Summary (https://canvas.uw.edu/courses/1256078/assignments/4536308)	due by 11:59pm
Mon Jan 14, 2019	 Structure of proposal. Budgets. (https://canvas.uw.edu/calendar?event_id=1208137&include_contexts=course_1256078)	12am
Sun Jan 20, 2019	 Proposal Outline (https://canvas.uw.edu/courses/1256078/assignments/4536307)	due by 11:59pm
Mon Jan 21, 2019	 No class: MLK day (https://canvas.uw.edu/calendar?event_id=1208138&include_contexts=course_1256078)	12am
Mon Jan 28, 2019	 Navigating the peer review process (https://canvas.uw.edu/calendar?event_id=1208139&include_contexts=course_1256078)	12am
Sun Feb 3, 2019	 Draft full proposal (https://canvas.uw.edu/courses/1256078/assignments/4536304)	due by 11:59pm
Mon Feb 4, 2019	 Science communication (https://canvas.uw.edu/calendar?event_id=1208140&include_contexts=course_1256078)	12am
Fri Feb 8, 2019	 Peer review of scientific manuscript (https://canvas.uw.edu/courses/1256078/assignments/4536306)	due by 11:59pm
Mon Feb 11, 2019	 NO Class (https://canvas.uw.edu/calendar?event_id=1208141&include_contexts=course_1256078)	12am
Mon Feb 18, 2019	 No class: President's Day (https://canvas.uw.edu/calendar?event_id=1208142&include_contexts=course_1256078)	12am
Sun Feb 24, 2019	 Final proposal (https://canvas.uw.edu/courses/1256078/assignments/4536305)	due by 11:59pm
Mon Feb 25, 2019	 Your communication plan (https://canvas.uw.edu/calendar?event_id=1208143&include_contexts=course_1256078)	12am
	 Lightning talk (https://canvas.uw.edu/courses/1256078/assignments/4536303)	due by 5pm

Date	Details	
Mon Mar 4, 2019	 Job panel (https://canvas.uw.edu/calendar?event_id=1208144&include_contexts=course_1256078)	12am
Fri Mar 8, 2019	 Review panel (https://canvas.uw.edu/courses/1256078/assignments/4536309)	due by 11:59pm

