

SIO 262 – Spring 2020
Marine Chemical Biology Seminar
Wednesdays 3:30 – 5:00 PM, Zoom <https://uhealth.zoom.us/j/500992307>
Instructor – Bill Gerwick

We will try something new and experimental this quarter for a few reasons. First, we will operate SIO 262 via Zoom in order to meet the social distancing recommendations of our university and nation. Second, many or all of you students have already presented on your research this year. Third, this is aimed at giving you some true teaching experience – preparing a lecture on a new topic and then delivering it. Finally, it is invigorating to our Forum to try out some new things. So here is the plan:

- Pick your **favorite molecule** and present a 25-30 min zoom presentation on it. Here are a few qualifications:
- It must be centered around a marine natural product
- It cannot be a molecule you have worked on, or are working on, or that someone in your lab has been or did investigate
- Must be a multi-dimensional study, so you will need to pre-research for a good topic. It should be a combination of two or more of the following aspects concerning a marine natural product: its structure elucidation, pharmacology, biosynthesis, chemical ecology, chemical synthesis, clinical application or another topic of your interest. This will necessarily be a review of a few research papers (e.g. not just a single paper, but dig deeper and develop an interesting multidisciplinary story)
- First come, first serve (e.g. no repeats of the same molecule); please communicate your chosen molecule and topic at least two weeks before your presentation to Bill Gerwick
- Send out to the NP listserve an approximately ½ page abstract the Monday prior to your Wednesday presentation
- Prepare slides for your presentation and plan to use the Zoom Share Screen Function for your presentation (estimated at 20-25 slides)
- We will have two presentations per Wednesday meeting, the first beginning at 3:30 pm, and the second around 4:10 pm; Bill Gerwick will serve as zoom moderator

Participants – please mute your microphone except when you want to speak

Presenters – every few slides, as a sub-topic is completed, ask for questions from the audience and give them a chance to ask questions. We want to promote the interactive features of the zoom medium. At the end of your presentation, we can have some more Q & A

<u>Date</u>	<u>Presenter #1</u>	<u>Presenter #2</u>
April 1	Bill Gerwick – course organization	Zoom meeting Q & A -
April 8	Bill Gerwick – tips on giving a public presentation or lecture	
April 15	Dulce Matus (tetrodotoxin)	Trevor Purdy (ET-743)
April 22	Kayla Wilson (spongothymidine)	Kaitlin Creamer
April 29	Taylor Steele (saxitoxin)	Alyssa Demko (Dictyols)
May 6	Kelsey Alexander (halichondrin)	Patrick Brunson (Microcystin)
May 13	Hans Singh	Monica Thukral
May 20	Kate Bauman (kahalalides)	Doug Sweeney
May 27 (MS students)	Mitchell Muskat	Yifan He
June 3	Open – No Class at this point	