

SIO 296 Chemical Biology of Cyanobacteria,
Spring 2014, Tuesdays 12-1 pm, Vaughn 300

Course Instructor: Bill Gerwick

Date	Presenter
April 1	Jonathan Tham Methyltransferases in cyanobacteria
April 8	Nathan Moss Synthetic genomics and biofuels
April 15	Chen Zhang New natural products from a Saipan collection of cyanobacteria
April 22	Enora Briand Microcystin production in Microcystis
April 29	John Lee Marine natural products with anti-inflammatory properties
May 6	Gabriel Navarro Synthesis of a honaucin probe
May 13	Karin Kleigrew Cyanobacterin biosynthesis
May 20	Jenia Glukhov Culturing of cyanobacteria
May 27	Susie Cummings Symbiotic bacteria associated with cyanobacteria
June 3	Samantha Mascuch Honaucin: mechanism of action

Course Objectives

1. To engage students in seminars and discussions on diverse topics in the chemical biology of cyanobacteria
2. To develop seminar presentation skills through practice and mentorship from the course instructor

Grading Policy

This is a yearlong seminar course in which students make presentations at least once per year to update their research progress and provide perspective on their research field. And more generally on the chemical biology of cyanobacteria. Attendance is mandatory, and only excused absences are allowed. Participation in discussions is expected and promoted.