

Bio 21

Steve Palumbi

spalumbi@stanford.edu

Science of the Extreme Life of the Sea

Tues 2:15-5:05

Bldg 60 Room 120

TA: Will Ary

williamjamesary@gmail.com

Flow of the day

Lecture 1	60 minutes	Topic 1	2:15	3:15
Break	10 minutes		3:15	3:25
Video of the week	10 minutes	student submitted	3:25	3:35
One question quiz	5 minutes	tweet, email or note card	3:35	3:40
Overall questions and discussion	10-20 minutes		3:40	4:00
Lecture 2 part 1	30 minutes	Topic 2	4:00	4:30
5 minute creative collaborations		Plan a product that presents material from today in blog, video, newspaper, art, dramatic form etc. What will you include? How will you present it?		
	5 minutes		4:30	4:40
Lecture 2 part 2	20 minutes	Topic 2 finale	4:40	5:00

Grading structure and requirements

			Fraction
Four one-question-quizes	1/13, 1/27, 2/10, 2/24		5% each
Three short essays that capture scientific content and produce a product for non-scientists	Product I - science based description of an ocean species or lifestyle, in the format of a newspaper feature. Product II - novelization of an ocean lifestyle, perhaps based on the story in Product I Product III - Final presentation. Group, multi-media treatment of an ocean lifestyle. Video, ,music, blog, theatrical, podcast, etc.	Due 1/27/2014 10-Feb 10-Mar	20% 20% 35%
Active engagement in 5-min collaboratives each week			5%