**Senior Seminar on Oceans and Human Health SIO 192**

**Class Periods Tuesdays 2:00-2:50**

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**Vaughn 300**

This course will explore the inextricable linkage between Ocean Health and Human Health. Reading assignments for each class period will be from the recent textbook, Oceans and Human Health. These chapters are available for download from the UCSD library at <https://ebookcentral.proquest.com/lib/ucsd/detail.action?pq-origsite=primo&docID=7271391>

and will also be made available on the Canvas site.

Before each class, please read the chapter identified for each class period, and write a 1-page summary considering the following three questions:

1. What is the central theme of the chapter?
2. What did you find most interesting?
3. What did you find puzzling or difficult to understand?

This 1-page document should be turned in on Canvas, in hard copy, or via email to [wgerwick@health.ucsd.edu](mailto:wgerwick@health.ucsd.edu) before the start of the class period (beginning in week 2, April 9th). During the class period we will discuss these questions and others relevant to the specific chapter. Please bring your thoughts and questions to class so as to have a robust and stimulating discussion period.

**Lecture period/date Reading Assignment and Discussion Topic**

1. Apr 2 Course Orientation and Introduction to Oceans and Human Health
2. April 9 Chapter 4. Food from the ocean
3. April 16 Chapter 5. Medicines from the sea
4. April 23 Chapter 7. Contributions of marine invertebrates to biomedical research
5. April 30 Chapter 8. Blue spaces and well-being
6. May 7 Chapter 10. Climate change and the ocean
7. May 14 Chapter 11. Harmful algal blooms
8. May 21 Chapter 14. Plastic pollution (plus Depledge summary)
9. May 28 Chapter 21. Ocean Law
10. June 4 Chapter 24. Conclusions and recommendations