

## Holistic Biology 2012: Working Calendar and Syllabus\_4-15-12

Sun	Mon	Fri	Sat
<b>Week 1</b>	<b>4/2</b> 10:45 Introduction  13:00 Steinbeck, Ricketts (SS) <i>[Writing assignment 1: Objects and Artifacts]</i>	<b>4/6</b> 09:00 SOC_Intro-5 : Narrative of Emergence  11:00 History of Holistic Ecology and Patterns of Local Shores (CB) 12:00 HMS Seminar  14:00: Ricketts and <i>Between Pacific Tides</i> (JP) <b>15:00 Field Trip: Point Lobos</b>	<b>4/7</b>
<b>Week 1 Reading</b> Abbott , HP (2008) Narrative and Emergent Behavior. <i>Poetics Today</i> 29: 227-244 Anderson, PW (1972) More is Different. <i>Science</i> 177: 393-396 Steinbeck ,J (1951) <i>Log From the Sea of Cortez</i> : Introduction and Chapters 1-5 Fadiman, A (2007) "Collecting Nature," in <i>At Large and at Small</i>			
<b>Week 2</b>	<b>4/9</b> <b>07:00 Field Trip (-1.0) Hopkins Intertidal</b>  10:00: Monterey fishing history and Cannery Row (Tim Thomas)  11:30: <b>Writing Workshop 1:</b> Objects and Artifacts. [ <i>Assign 2; Night Writing</i> ]	<b>4/13</b> 09:00 SOC_6-9: Discovering Baja  10:30 <i>Cannery Row</i> 1(SS) <b>11:15 Field Trip under MBA (-0.3)</b>  14:00 <i>Cannery Row</i> 2 (SS) and Ricketts' Lab, "The Snake"  <b>16:00 Cannery Row tour (T. Thomas) – postponed until Wed, 4/18 (10:00)</b>	<b>4/14</b> Sanctuary Symposium at CSUMB: Land-Sea Interactions
<b>Week 2 Reading</b> Lopez, B (1997) "A Literature of Place," Portland Magazine (University of Portland), Summer 1997 <i>Sea of Cortez</i> , Chapters 6-9 Steinbeck, J (1945) <i>Cannery Row</i> Steinbeck, J (1938) "The Snake," in <i>The Long Valley</i> Didion, Joan (2008) "On Keeping a Notebook," in <i>Slouching Towards Bethlehem</i>			
<b>Week 3</b>	<b>4/16</b> 10:00 Water and Life on Monterey Bay (C. Reeb )  11:30 <i>Cannery Row</i> revisited (SS)  12:00 Many lenses on Elkhorn slough (C. Rurik)	<b>4/20</b> 09:00 SOC_10-13: Searching, finding and warp  10:30 "Johnny Bear" (SS)  11:00 <b>Writing Workshop 2:</b> Night writing [ <i>Assign 3; Character sketch</i> ]  12:00 HMS Seminar  <b>15:00 Field Trip: Elkhorn Slough (Mark Silberstein) -- Leave Hopkins at 14:15</b>	<b>4/21</b> <b>Field Trip: Elkhorn Slough Kayak (J. Nelson)</b>
<b>Week 3 Reading</b> <i>Sea of Cortez</i> , Chapters 10-13 Bar, M (2009) The Proactive Brain: memory for predictions. <i>Phil Trans Roy Soc B</i> 364: 1235-1243 Steinbeck, J (1948) Foreword to <i>Between Pacific Tides</i> , 2 <sup>nd</sup> ed. Steinbeck J (1938) "Johnny Bear" in <i>The Long Valley</i> Steinbeck, J (1951) "About Ed Ricketts," in <i>Log From the Sea of Cortez</i>			
<b>Week 4</b>	<b>4/23</b> 10:00 Polluting the water to grow food and families: Whose water is it? (S. Shimek)  11:30 Salinas Valley hydrology, intrusion, nitrates, ongoing projects (Robert Johnson)  12:45 "Writing about People: The Interview"	<b>4/27</b> (WG Gone) 09:00: SOC_14: Non-teleological thinking  10:15: Jeffers (SS)  12:00 HMS Seminar  <b>14:00 Field Trip: Carmel Tor House -- Leave Hopkins at 1:30.</b>	<b>4/28</b> (WG Gone)

<b>Week 4 Reading</b> <i>Sea of Cortez</i> , Chapter 14 Simon HA (1962) The Architecture of Complexity. Proc Am Phil Soc 106: 467-482 Robinson Jeffers: Selected Poems Steinbeck, J (1938) "The Chrysanthemums," in <i>The Long Valley</i> Zinsser, William, "Writing about People: The Interview"			
<b>Week 5</b>	<b>4/30</b> 10:00 Steelhead: How Nature Built a Low-flow Fish (C. Reeb, tentative)  11:30 "California's Cosumnes River"  12:00 <b>Writing Workshop 3:</b> Character [Assign 4: <i>Changing Place</i> ]	<b>5/4</b> 09:00 SOC_15-19: An exuberant Gulf  <b>10:30 Field Trip -- Salinas agricultural fields, Salinas River Diversion Facility</b>	<b>5/5</b> (WG and SS gone)
<b>Week 5 Reading</b> <i>Sea of Cortez</i> , Chapters 15-19 Sagarin et al (2008) Remembering the Gulf Glennon R (2002) "A Game of Inches for Endangered Chinook Salmon," Chapter 8, in <i>Water Follies</i>			
<b>Week 6</b>	<b>5/7</b> 10:00 Regional water issues (J. Burnett, tentative)  11:30 Carmel River (R. March)  19:00 <i>River in Ruin</i> , Ray March, Sunset Center, Carmel	<b>5/11</b> 0900 "Writing about Place: The Travel Article"  9:30 <i>To a God Unknown</i> (SS)  <b>Field Trip: San Antonio Mission, (overnight at Avenales Ranch?)</b>	<b>5/12</b>  <b>Field Trip: Avenales Ranch – Salinas River source</b>
<b>Week 6 Reading</b> Steinbeck, J (1933) <i>To a God Unknown</i> March, RA (2012) <i>River in Ruin</i> Zinsser, William, "Writing about Places: The Travel Article."			
<b>Week 7</b>  Return to Monterey	<b>5/14</b> 10:00 SOC_20-29: Changing tides and a view of the future  11:00 "Tragedy of the Commons" and other readings.  11:45 <b>Writing Workshop 4:</b> Place [Assign 5; <i>Familiar Essay</i> ]	<b>5/18</b> 09:00 Water in the West. Buzz Thompson.  10:30 Carmel River steelhead and dams (J. Ambrosius, J. Steele, K Urquhart)  <b>13:00 Field Trip – Carmel River mouth and San Clemente Dam (J. Ambrosius, J. Steele/K. Urquhart)</b>	<b>5/19</b> <b>Field Trip: Los Padres Dam</b>  <b>(overnight at Carmel River camp)</b>
<b>Week 7 Reading</b> <i>Sea of Cortez</i> , Chapters 25-29 Hardin, G (1968) Tragedy of the Commons. <i>Science</i> 162: 1243-1248 Ostrom, E, et al (1999) Revisiting the Commons: Local Lessons, Global Challenges. <i>Science</i> 284: 278-282 Snyder (1990) The Place, the Region, and the Commons			
<b>Week 8</b>  Upper Carmel River	<b>5/21</b> 10:00 General discussion  11:00 "The Arctic Hedonist" and "Under Water"	<b>5/25</b> (WG and SGS gone) 9:00: <b>Writing Workshop 5:</b> Familiar essay [Assign 6: <i>Exploration</i> ]  12:00 HMS Seminar  14:00 <b>Final Projects</b>	<b>5/26</b> (WG and SS gone)
<b>Week 8 Reading</b> Fadiman, A (2007) "The Arctic Hedonist" and "Under Water," in <i>At Large and at Small</i>			
<b>Week 9</b>	<b>5/28</b> (WG and SS gone) <b>Final Projects</b>	<b>6/1</b> 09:00 <b>Writing Workshop 6:</b> Exploration  12:00 HMS Seminar  <b>Final Projects</b>	<b>6/2</b> <b>Salinas River kayak OR</b>  <b>Arroyo Seco River swim</b>
<b>Week 10</b>	<b>6/4</b> <b>Final Projects</b>		