

## History of Ed Ricketts Memorial Award & Lecture, and Monterey Bay Research Symposia

Date	Ricketts Memorial Award & Lecture	Monterey Bay Research Symposium	Sanctuary Currents Symposium
1986: Mar 8	<ul style="list-style-type: none"> <li>• 1<sup>st</sup> Annual Ricketts</li> <li>• Joel Hedgepeth: "History of Natural History Exploration Hereabouts"</li> <li>• Monterey Bay Aquarium, Auditorium</li> </ul>		
1986: Nov 15		<ul style="list-style-type: none"> <li>• First(?) Symposium</li> <li>• <i>Managing Inflows: the State and Future of Monterey Bay</i></li> <li>• (In conjunction with the symposium, "Managing Inflows into California's Bays and Estuaries")</li> <li>• Monterey Conference Center</li> </ul>	
1987	<ul style="list-style-type: none"> <li>• 2<sup>nd</sup> Annual Ricketts</li> <li>• Dick Barber: "Recruitment to Eastern Pacific by larvae riding El Nino currents"</li> <li>• Monterey Bay Aquarium, Auditorium</li> </ul>		
1988	<ul style="list-style-type: none"> <li>• 3<sup>rd</sup> Annual Ricketts</li> <li>• Sandy Lydon: "History of Peoples of Monterey Bay"</li> <li>• Monterey Bay Aquarium, Auditorium</li> </ul>		
1989	<ul style="list-style-type: none"> <li>• 4<sup>th</sup> Annual Ricketts</li> <li>• John Martin: "Iron in the ocean"</li> <li>• Monterey Bay Aquarium, Auditorium</li> </ul>		
1990	<ul style="list-style-type: none"> <li>• 5<sup>th</sup> Annual Ricketts</li> <li>• Gene Haderlie: "Historical Perspectives on Research in Monterey Bay"</li> <li>• Monterey Bay Aquarium, Auditorium</li> </ul>	<ul style="list-style-type: none"> <li>• 1<sup>st</sup> Annual Symposium</li> <li>• <i>Research activities of Monterey Bay Marine Science Institutions</i></li> <li>• Monterey Bay Aquarium, Auditorium</li> </ul>	

1991	<ul style="list-style-type: none"> <li>• 6<sup>th</sup> Annual Ricketts</li> <li>• Walter Munk: "Acoustic Thermometry of Ocean Climate, in Gestation"</li> <li>• Monterey Bay Aquarium, Auditorium</li> </ul>	<ul style="list-style-type: none"> <li>• 2<sup>nd</sup> Annual Symposium</li> <li>• <i>The Outer Waters of Monterey Bay: Patterns and Processes</i></li> <li>• (In conjunction with the "State of the Bay" conference)</li> <li>• Monterey Bay Aquarium, Auditorium</li> </ul>	
1992	<ul style="list-style-type: none"> <li>• 7<sup>th</sup> Annual Ricketts</li> <li>• Jim Childress: "Deep Stuff"</li> <li>• Monterey Bay Aquarium, Auditorium</li> </ul>	<ul style="list-style-type: none"> <li>• 3<sup>rd</sup> Annual Symposium</li> <li>• <i>The Benthos: Patterns and Processes</i></li> <li>• Monterey Bay Aquarium, Auditorium</li> </ul>	
1993: Sept 10		<ul style="list-style-type: none"> <li>• <i>Sanctuary Reflections 1993: "In celebration of the First Year Anniversary of the Monterey Bay National Marine Sanctuary"</i></li> <li>• Monterey Conference Center, Steinbeck Forum</li> </ul>	
1994	<ul style="list-style-type: none"> <li>• 8<sup>th</sup> Annual Ricketts</li> <li>• Wayne Sousa: "Mudsnails in Space: the Metapopulation Dynamics of <i>Cerithidea californica</i>"</li> <li>• Naval Postgraduate School, Glasgow Hall</li> </ul>	<ul style="list-style-type: none"> <li>• 4<sup>th</sup> Annual Symposium</li> <li>• <i>Land Margin Research in Monterey Bay</i></li> <li>• Naval Postgraduate School, Glasgow Hall</li> </ul>	
1995: Dec 26	<ul style="list-style-type: none"> <li>• 9<sup>th</sup> Annual Ricketts</li> <li>• Dick Parrish: "Sardines"</li> <li>• Marriott Hotel, Monterey</li> </ul>	<ul style="list-style-type: none"> <li>• 5<sup>th</sup> Annual Symposium</li> <li>• <i>Fisheries Research: From Satellites to Sardines to Submersibles</i></li> <li>• (In conjunction with the 75th Annual Meeting of the Western Society of Naturalists)</li> <li>• Marriott Hotel, Monterey</li> </ul>	
1996: Mar 8-9	<ul style="list-style-type: none"> <li>• 10<sup>th</sup> Annual Ricketts</li> <li>• Steve Webster: "Ed Ricketts, Where Are You When We Need You?"</li> <li>• Naval Postgraduate School, Glasgow Hall</li> </ul>	<ul style="list-style-type: none"> <li>• 6<sup>th</sup> Annual Symposium</li> <li>• <i>Data Visualization</i></li> <li>• Naval Postgraduate School, Glasgow Hall</li> </ul>	<ul style="list-style-type: none"> <li>• 1<sup>st</sup> Annual Currents Symposium</li> <li>• <i>Sanctuary Currents '96: Building Community Connections in Science, Education and Conservation</i></li> <li>• Naval Postgraduate School, Glasgow Hall</li> </ul>

1997: Mar 15	<ul style="list-style-type: none"> <li>• 11<sup>th</sup> Annual Ricketts</li> <li>• Gregor Cailliet: “Below Pacific Tides: The Predictability, Diversity and Importance of Habitats for Marine Fishes”</li> </ul>		<ul style="list-style-type: none"> <li>• 2<sup>nd</sup> Annual Currents Symposium</li> <li>• <i>Facets of Biodiversity</i></li> <li>• Cocoanut Grove, Santa Cruz</li> </ul>
1998: Mar 7	<ul style="list-style-type: none"> <li>• 12<sup>th</sup> Annual Ricketts</li> <li>• George Somero: “Faunal Changes in Monterey Bay: Is Global Warming Starting to "Hurt"?”</li> </ul>		<ul style="list-style-type: none"> <li>• 3<sup>rd</sup> Annual Currents Symposium</li> <li>• <i>Human Influences on the Coastal Ocean</i></li> <li>• Cocoanut Grove, Santa Cruz</li> </ul>
1999: Mar 20	<ul style="list-style-type: none"> <li>• 13<sup>th</sup> Annual Ricketts</li> <li>• Joseph Connell: “Long-Term Dynamics of Corals on Heron Island, Great Barrier Reef”</li> </ul>		<ul style="list-style-type: none"> <li>• 4<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Climate Change and the Sanctuary</i></li> <li>• Embassy Suites, Seaside</li> </ul>
2000: Mar 18	<ul style="list-style-type: none"> <li>• 14<sup>th</sup> Annual Ricketts</li> <li>• Paul K. Dayton: “Long-Term Changes in Kelp Forests and Their Assemblages”</li> </ul>		<ul style="list-style-type: none"> <li>• 5<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Causes of Ecosystem Change: Natural or Human?</i></li> <li>• Cocoanut Grove, Santa Cruz</li> </ul>
2001: Mar 16-17	<ul style="list-style-type: none"> <li>• 15<sup>th</sup> Annual Ricketts</li> <li>• Mary Silver: “A Local Story: Harmful Algae in Monterey Bay”</li> </ul>		<ul style="list-style-type: none"> <li>• 6<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Fishing for Our Future</i></li> <li>• Hyatt Hotel, Monterey</li> </ul>
2002: Mar 9	<ul style="list-style-type: none"> <li>• 16<sup>th</sup> Annual Ricketts</li> <li>• Jane Lubchenco: “Seas the Day - Navigating Uncharted Waters in Ricketts' Backyard”</li> </ul>		<ul style="list-style-type: none"> <li>• 7<sup>th</sup> Annual Currents Symposium</li> <li>• <i>New Technologies: Revealing the Secrets of the Sea</i></li> <li>• CSUMB, Seaside</li> </ul>
2003: Mar 15	<ul style="list-style-type: none"> <li>• 17<sup>th</sup> Annual Ricketts</li> <li>• James Estes: “Defaunated Food Webs: Vertebrate Consumers and Nature's Balance”</li> </ul>		<ul style="list-style-type: none"> <li>• 8<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Threatened and Thriving: Lessons from the Sea</i></li> <li>• CSUMB, Seaside</li> </ul>
2004: Mar 6	<ul style="list-style-type: none"> <li>• 18<sup>th</sup> Annual Ricketts</li> <li>• John Pearse: “The Health of the Ocean's Intertidal: Then, Now, and in the Future</li> </ul>		<ul style="list-style-type: none"> <li>• 9<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Clean Waters, Healthy Oceans</i></li> <li>• CSUMB, Seaside</li> </ul>

2005: Mar 12	<ul style="list-style-type: none"> <li>• 19<sup>th</sup> Annual Ricketts</li> <li>• Barbara A. Block: “Hot Tuna: Electronic Tagging of Highly Migratory Fish Reveal New Insights for Fisheries Management and Oceanography”</li> </ul>		<ul style="list-style-type: none"> <li>• 10<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Tracking the Health of our Sanctuary</i></li> <li>• CSUMB, Seaside</li> </ul>
2006: Mar 4	<ul style="list-style-type: none"> <li>• 20<sup>th</sup> Annual Ricketts</li> <li>• David Epel: “Lessons Learned: How Worldwide Pollution Happened in the Past, How it's Happening Again and a Solution for the Future”</li> </ul>		<ul style="list-style-type: none"> <li>• 11<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Marine Protected Areas: New Strategies for Healthy Oceans</i></li> <li>• CSUMB, Seaside</li> </ul>
2007: Mar 3	<ul style="list-style-type: none"> <li>• 21<sup>st</sup> Annual Ricketts</li> <li>• Gary Griggs: “California's Central Coast: Observations, Changes and Human Impacts”</li> </ul>		<ul style="list-style-type: none"> <li>• 12<sup>th</sup> Annual Currents Symposium</li> <li>• <i>The Ocean Revealed: Observing Systems for Healthy Oceans</i></li> <li>• CSUMB, Seaside</li> </ul>
2008: Apr 5	<ul style="list-style-type: none"> <li>• 22<sup>nd</sup> Annual Ricketts</li> <li>• James P. Barry: “Changing the World One Breath at a Time: Humans, Climate, and Ocean Ecosystems”</li> </ul>		<ul style="list-style-type: none"> <li>• 13<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Oceans of Change: Our Climate, Our Sanctuary, Our Future</i></li> <li>• CSUMB, Seaside</li> </ul>
2009: Apr 18	<ul style="list-style-type: none"> <li>• 23<sup>rd</sup> Annual Ricketts</li> <li>• Bruce Robison: “Heroes of Future Past: Deep Pelagic Research in Monterey Bay”</li> </ul>		<ul style="list-style-type: none"> <li>• 14<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Back to the Future: Preserving the Sanctuary by Exploring its Past</i></li> <li>• CSUMB, Seaside</li> </ul>
2010: Apr 10	<ul style="list-style-type: none"> <li>• 24<sup>th</sup> Annual Ricketts</li> <li>• Rikk Kvitek: “From "You've Got to be Kidding!" To "Ah-Ha!" Hope for Our Oceans Through Insight and Innovation”</li> </ul>		<ul style="list-style-type: none"> <li>• 15<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Voices of Hope: Science and Innovation for the Ocean</i></li> <li>• CSUMB, Seaside</li> </ul>
2011: Apr 9	<ul style="list-style-type: none"> <li>• 25<sup>th</sup> Annual Ricketts</li> <li>• Michael S. Foster: “The Biology of Giant Kelp: Implications for Kelp Forests and Beyond”</li> </ul>		<ul style="list-style-type: none"> <li>• 16<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Ripple Effects: The Far Reaching Impacts of Local Ocean Research</i></li> <li>• CSUMB, Seaside</li> </ul>

2012: Apr 14	<ul style="list-style-type: none"> <li>• 26<sup>th</sup> Annual Ricketts</li> <li>• Ken Johnson: “What Does \$4,000,000,000/Year in Agriculture Mean to Our Coastal Ocean? Lessons from LOBO (the Land/Ocean Biogeochemical Observatory)”</li> </ul>		<ul style="list-style-type: none"> <li>• 17<sup>th</sup> Annual Currents Symposium</li> <li>• <i>From Lions to Luminescence: Linking Land and Sea</i></li> <li>• CSUMB, Seaside</li> </ul>
2013: Apr 27	<ul style="list-style-type: none"> <li>• 27<sup>th</sup> Annual Ricketts</li> <li>• Mark Carr: “What Would Ed Do? Innovations in Science and Management of Kelp Forest Ecosystems in the 21st Century”</li> </ul>		<ul style="list-style-type: none"> <li>• 18<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Change: Observations on the Shifting Ecology of the Sanctuary</i></li> <li>• CSUMB, Seaside</li> </ul>
2014: Apr 26	<ul style="list-style-type: none"> <li>• 28<sup>th</sup> Annual Ricketts</li> <li>• Francisco Chavez: “The Oceanography of the MBNMS Today and in the Future”</li> </ul>		<ul style="list-style-type: none"> <li>• 19<sup>th</sup> Annual Currents Symposium</li> <li>• <i>Marine Debris: How Do You Pitch In?</i></li> <li>• CSUMB, Seaside</li> </ul>
2015: Apr 25	<ul style="list-style-type: none"> <li>• 29<sup>th</sup> Annual Ricketts</li> <li>• Peter Raimondi: “Investigation of Sea Star Wasting: The Critical Importance of Citizen Science”</li> </ul>		<ul style="list-style-type: none"> <li>• 20<sup>th</sup> Annual Currents Symposium</li> <li>• <i>We Want You! The Rise of Citizen Science</i></li> <li>• CSUMB, Seaside</li> </ul>
2017: Feb 10	<ul style="list-style-type: none"> <li>• 30<sup>th</sup> Annual Ricketts</li> <li>• Fiorenza Micheli: “Under Pressure: Vulnerability and Resilience of Coastal Systems of the California Current”</li> <li>• Sanctuary Exploration Center</li> </ul>		
2018: Apr 10	<ul style="list-style-type: none"> <li>• 31<sup>st</sup> Annual Ricketts</li> <li>• Steven Haddock: “Beneath Pacific Tides: The Wonderous Glowing Realm of Deep-sea Biodiversity”</li> <li>• Moss Landing Marine Laboratories, Seminar Room</li> </ul>		

2019: Sept 17	<ul style="list-style-type: none"> <li>• 32<sup>nd</sup> Annual Ricketts</li> <li>• James Harvey: “Research, Teaching, and Mentoring: Musings of a Generalist Optimist”</li> <li>• Sanctuary Exploration Center</li> </ul>		
2020: Jan 21, 2021	<ul style="list-style-type: none"> <li>• 33<sup>rd</sup> Annual Ricketts</li> <li>• Terrie M. Williams: “From “Doc” and Dogs to Denizens of the Deep: How understanding biological design will save the oceans and ourselves”</li> <li>• ONMS Webinar Series</li> </ul>		
2021	<ul style="list-style-type: none"> <li>• 34<sup>th</sup> Annual Ricketts</li> <li>• Mark Silberstein</li> </ul>		