

# DISCOVERY LECTURE SERIES

Presented by Cabrillo Marine Aquarium and Friends of CMA

## SEA STAR WASTING; DOES ENVIRONMENTAL STRESS LEAD TO AN AUTOIMMUNE RESPONSE?

**DR. BRIAN LIVINGSTON**  
**CALIFORNIA STATE UNIVERSITY, LONG BEACH**

FRIDAY, DECEMBER 6 • 7-9pm  
CABRILLO MARINE AQUARIUM  
JOHN M. OLGUIN AUDITORIUM



Brian Livingston

The Sea Star-associated Densovirus discovered in symptomatic individuals was implicated as a potential initiator of Sea Star Wasting Syndrome, but recent studies suggest this does not hold true for all species. Dr. Livingston will discuss results suggesting an autoimmune response may be associated with the epidemic.



Dr. Livingston received his Ph.D. from UCSB and did a postdoctoral research fellowship at the University of California, Berkeley where he began studies on formation of the skeleton in echinoderm embryos. He continued research in that area in faculty positions at the University of Missouri and University of South Florida before taking a position as Chair of the Department of Biological Sciences at California State University, Long Beach. While at CSULB Dr. Livingston initiated studies on the role of the immune system in sea star wasting syndrome. Dr. Livingston's research spans the fields of embryology, cell biology, genomics and proteomics.

Friends of Cabrillo Marine Aquarium hosts a members-only reception before each lecture. To join, please call: (310) 548-7562 x205.



Please RSVP to: <https://december2019discoverylecture.eventbrite.com>



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### UPCOMING LECTURES

- February 7, 2020 - Dr. Regina Wetzer and Dean Pentcheff, Natural History Museum of Los Angeles County (LACM)
- April 3, 2020 - Dr. Andrew Leising, NOAA Southwest Fisheries
- June 5, 2020 - Dr. David Cummings, Point Loma Nazarene University
- August 7, 2020 - Dr. Nicole Bonuso, CSUF
- October 2, 2020 - Dr. Nina Bednarsek, SCCWRP
- December 4, 2020 - Dr. Jayson Smith, Cal Poly Pomona

Visit Our Website for Details.

