

DISCOVERY LECTURE SERIES

Presented by AltaSea & Cabrillo Marine Aquarium

THE UNIVERSE BELOW:  
EXPLORATIONS *of* LIFE *in the* DEEP SEA

SHANA GOFFREDI, PH.D., OCCIDENTAL COLLEGE

FRIDAY, DECEMBER 5 • 7-9pm • JOHN M. OLGUIN AUDITORIUM

Covering over 70 percent of the surface of the Earth and averaging two miles in depth, the deep-sea is by far the planet's largest habitat. It is an alien world, most of it still unexplored, and current estimates suggest that up to 10 million species are yet to be discovered. For most of human history, we have largely looked up. The time is now to

turn our attention to this unexplored, and vast, world here on Earth. Strange new species from some of these habitats will be discussed, along with their intimate relationship with beneficial bacteria that enable their success in these habitats. Fee: Free, but reservations required (Please RSVP to [lecture@cmaqua.org](mailto:lecture@cmaqua.org))



Dr. Goffredi is an Assoc. Professor of Biology at Occidental College. Her research interests mainly concern beneficial symbiotic partnerships between bacteria and marine invertebrates. For 20 years, she has been exploring the deep ocean.



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2014 & 2015

Please RSVP to [lecture@cmaqua.org](mailto:lecture@cmaqua.org)

2015 LECTURES:

• February 6 - David Helvarg, Blue Frontier

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