

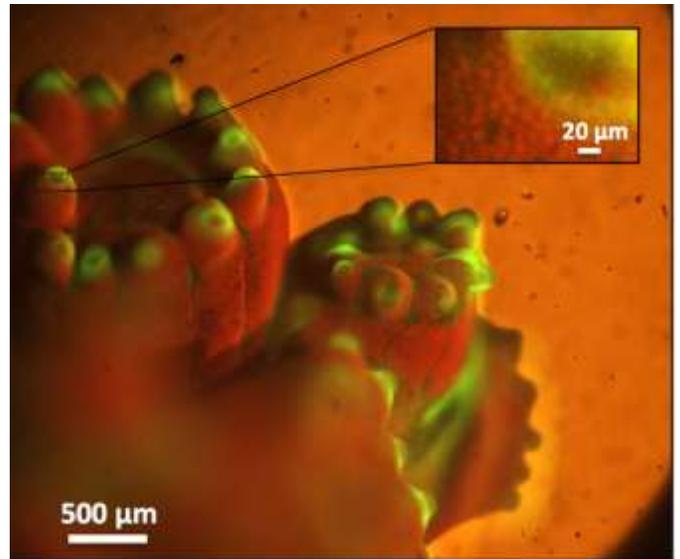
March 20, 2013

From Titanic to the Tiny: Three Decades of Underwater Optical Imaging in my Lab

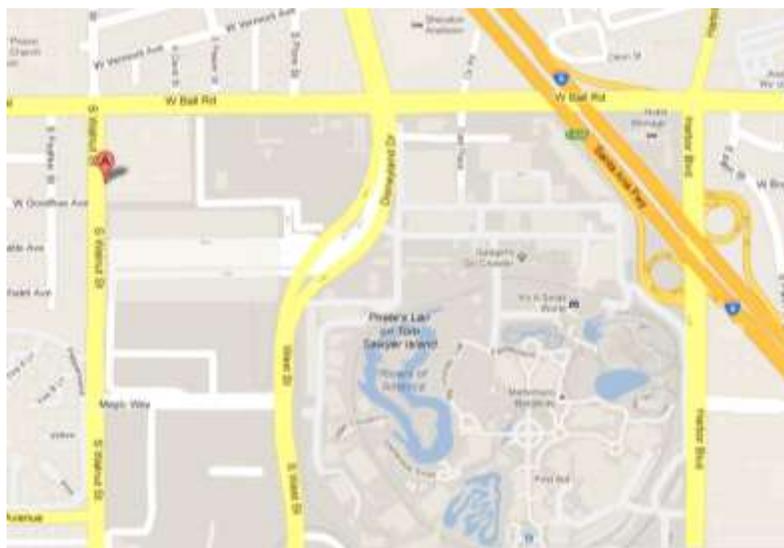
Dr. Jules Jaffe
Scripps Institute of Oceanography

Abstract: In this talk Dr. Jules Jaffe will recount his experience as a member of the science team at Woods Hole Oceanographic Institution that discovered the wreckage of the Titanic in 1985 using an optical imaging system. Since joining Scripps, Jaffe has developed a number of underwater imaging systems that have offered unique views of a variety of organisms that live in the ocean. Jaffe will describe his past and ongoing projects, including a recent grant from the Keck foundation to develop an underwater 3D video rate microscope and explain how his work provides new insights into marine ecosystems.

About our speaker: **Jules Jaffe** is a Research Oceanographer at the Scripps Institution of Oceanography. Dr. Jaffe received a B.A. from SUNY Buffalo, an M. S. from the Georgia Institute of Technology and a Ph.D. from U. C. Berkeley. After several years in industry he joined the Woods Hole Oceanographic Institution and subsequently joined Scripps. Dr. Jaffe is a fellow of the Acoustical Society of America and Editor in Chief of *Methods in Oceanography*.



Fluorescent image of coral polyp, showing Green Fluorescent Protein tips and Chlorophyll from the Zooxanthellae (red dots). (Credit: Jaffe Lab)



Wednesday, March 20, 2013

Reception: 6:00; Dinner: 7:00; Talk: 8:00

Meal: Buffet Style

Cost: \$30 (OSSC Student Members are Free!)

**[Holiday Inn Anaheim](#)
[1240 South Walnut Street](#)**

Anaheim, CA 92802

(714) 535-0300

On-line Registration: www.osscc.org or
Contact: [Joseph Diep](#), OSSC Arrangements
Chair, Events@osscc.org, 951-926-2994
Please Register by March 19, 2013