

SUPPORTING STUDENT SUCCESS IN BIOLOGY: RESEARCH ON ASSESSMENT, COMPUTER-BASED INSTRUCTION, & TEACHER PROFESSIONAL EXPERIENCES

A NATURAL SCIENCES SEMINAR BY DR. JOEL ABRAHAM, PROFESSOR,
DEPT OF BIOLOGICAL SCIENCE, CAL STATE FULLERTON.



NATURAL SCIENCES SEMINAR SERIES 2016

APRIL 5 (REVISED DATE)

DR. ADRIAN BORSA, GEOPHYSICS, SCRIPPS
INSTITUTION OF OCEANOGRAPHY

APRIL 12 (NEW SEMINAR)

RICK LOZINSKY, GEOLOGY, FULLERTON
COLLEGE

MAY 10

DR. DAWN PERSON, SCIENCE EDUCATION,
CSUF

ENGAGE IN **stem**

ABOUT ENGAGE IN STEM

Engage in STEM is a 5-year grant to increase the awareness, retention, and success of students in STEM fields and majors. See <http://engageinstemfc.com> for more information on how to participate in this project.

ABOUT THE NATURAL SCIENCES DIVISION

The Division of Natural Sciences encourages academic growth through a variety of academic and experiential opportunities, including boot camps, workshops, undergraduate research, and field studies. Our mission is to be the science program of choice for high school and college students in Southern California. We prepare successful science learners!



DESCRIPTION OF EVENT

Undergraduate students commonly possess misconceptions and confusions about fundamental topics in ecology and evolution. These problems can impede conceptual understanding in these fields. In this seminar, Dr. Abraham will discuss his work to identify the most common misconceptions and confusions, and to assess the effectiveness of computer-based teaching tools at correcting them. Students attending the seminar may discover how to improve their understanding of scientific concepts. Students may also participate in the **Meet-the-Speaker Pizza Mixer** in Room 229 from 5:30-7:00pm sponsored by ENGAGE in STEM. For more information, contact Sean Chamberlin.

EVENT DETAILS

WHEN: 4:30-5:30 pm, Tuesday, March 8, 2016.

WHERE: Room 410, Natural Sciences Building, Fullerton College.



ABOUT DR. ABRAHAM

Dr. Joel Abraham earned a B.S.C. in Biology from Howard University

in Washington DC, and a PhD in Integrative Biology at UC Berkeley. His research centers on the role of phenology and water use traits in determining invasion success by non-native plant species in California coastal grasslands. He also participates in outreach programs aimed at improving public scientific literacy, supporting diversity in higher education, and developing K-12 understanding of nutrition and food.