

**SEMINARS IN ENVIRONMENTAL TOXICOLOGY
SPRING 2008****TUESDAYS AT 12PM****PHYSICAL SCIENCES BUILDING, RM. 240**

(UNLESS OTHERWISE NOTED)

APRIL 1, 2008

HOST: SALTIKOV

**"MOLECULAR MECHANISMS OF MAGNETITE BIOMINERALIZATION AND ORGANELLE
FORMATION IN MAGNETOTACTIC BACTERIA"**ARASH KOMEILI, ASSISTANT PROFESSOR
DEPARTMENT OF PLANT AND MICROBIAL BIOLOGY
UNIVERSITY OF CALIFORNIA, BERKELEY

APRIL 8, 2008

HOST: FLEGAL

"INTERACTIONS BETWEEN DISSOLVED ORGANIC MATTER AND MERCURY IN AQUATIC ENVIRONMENTS"DR. GEORGE AIKEN
U.S. GEOLOGICAL SURVEY
BOULDER, COLORADO

APRIL 15, 2008

HOST: YILDIZ

"HEDGING THEIR BETS: DIVERSITY AND ADAPTABILITY GENERATED IN BIOFILM COMMUNITIES"PRADEEP SINGH, ASSOCIATE PROFESSOR OF MICROBIOLOGY
DEPARTMENT OF MICROBIOLOGY
UNIVERSITY OF WASHINGTON

APRIL 22, 2008

HOST: FLEGAL

**"INVESTIGATING MULTIXENOBIOTIC RESISTANCE TRANSPORTERS IN DEVELOPING
ZEBRAFISH (*DANIO RERIO*)"**MARY LANGSNER, GRADUATE STUDENT
DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY
UNIVERSITY OF CALIFORNIA SANTA CRUZ
25-MINUTE SEMINAR

APRIL 29, 2008

HOST: OTTEMANN

"*HELICOBACTER PYLORI* HOST-PATHOGEN INTERACTIONS"ANNAH ROLIG, GRADUATE STUDENT
DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY
UNIVERSITY OF CALIFORNIA SANTA CRUZ
25-MINUTE SEMINAR**"HlyB: *HELICOBACTER PYLORI*'S CYTOPLASMIC, METAL-BINDING CHEMORECEPTOR"**JENNY DRAPER, GRADUATE STUDENT
DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY
UNIVERSITY OF CALIFORNIA SANTA CRUZ
25-MINUTE SEMINAR

MAY 6, 2008

HOST: YILDIZ

**"RESPONSES OF *VIBRIO CHOLERAE* TO SALINITY: MODULATION OF BIOFILM
FORMATION AND TRANSCRIPTIONAL REGULATION"**NICK SHIKUMA, GRADUATE STUDENT
DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY
UNIVERSITY OF CALIFORNIA SANTA CRUZ
SECOND YEAR SEMINAR

MAY 13, 2008
NO SEMINAR SCHEDULED

MAY 15, 2008 (THURSDAY) HOST: FLEGAL
"COMPLEXATION OF INORGANIC HG(II) IN AQUATIC SYSTEMS AND FACTORS CONTROLLING THE PHOTO-DEGRADATION OF MMHG IN SURFACE WATERS"
FRANK BLACK, GRADUATE STUDENT
DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY
UNIVERSITY OF CALIFORNIA SANTA CRUZ
DISSERTATION DEFENSE

MAY 20, 2008 HOST: YILDIZ
"CHARACTERIZATION OF C-DI-GMP SIGNALING SYSTEMS IN VIBRIO CHOLERAE"
SINEM BEYHAN, GRADUATE STUDENT
DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY
UNIVERSITY OF CALIFORNIA SANTA CRUZ
DISSERTATION DEFENSE

MAY 27, 2008 HOST: OTTEMANN
"HOW PROMISCUOUS IS HP0170: THE TALE OF ONE H. PYLORI PHOSPHATASE AND ITS FOUR POTENTIAL SUBSTRATES"
PAM LERTSEHTAKARN, GRADUATE STUDENT
DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY
UNIVERSITY OF CALIFORNIA SANTA CRUZ
SECOND YEAR SEMINAR

JUNE 3, 2008 HOST: SMITH
"FEATHER PB ISOTOPES REFLECT EXPOSURE HISTORY AND ALAD INHIBITION SHOWS SUB-CLINICAL TOXICITY IN CALIFORNIA CONDORS"
KATIE PARMENTIER, GRADUATE STUDENT
DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY
UNIVERSITY OF CALIFORNIA SANTA CRUZ
25-MINUTE SEMINAR

HOST: SALTIKOV
"INVESTIGATING THE REGULATION OF THE ARSENATE-RESPIRATION PATHWAY IN BACTERIA"
JEANIE RAMOS, GRADUATE STUDENT
DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY
UNIVERSITY OF CALIFORNIA SANTA CRUZ
25-MINUTE SEMINAR

SEMINAR COORDINATOR: CLAUDIA MCCLURE

These seminars may change without advance notice.
To arrange and/or to confirm accommodations contact: Claudia McClure
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Visit the Department of Environmental Toxicology website at <http://www.etox.ucsc.edu/>