

**SEMINARS IN ENVIRONMENTAL TOXICOLOGY
SPRING 2007****TUESDAYS AT 12PM****PHYSICAL SCIENCES BUILDING, RM. 240**

(UNLESS OTHERWISE NOTED)

SEMINAR COORDINATOR: CLAUDIA MCCLURE

APRIL 3, 2007

HOST: OTTEMANN / SMITH

"DETERMINING THE FUNCTION OF PUTATIVE PHOSPHATASE IN HELICOBACTER PYLORI"

PAM LERTSEHTAKARN, GRADUATE STUDENT, DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY, UNIVERSITY OF CALIFORNIA, SANTA CRUZ

"CERULOPLASMIN MEDIATES MANGANESE TOXICITY"

TOM JURSA, GRAD STUDENT, DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY, UNIVERSITY OF CALIFORNIA, SANTA CRUZ

APRIL 10, 2007

HOST: SALTIKOV

"THE ROLE OF MULTHEME CYTOCHROMES IN MICROBIAL IRON (III) REDUCTION AND ARSENIC MOBILIZATION"CAROLINA REYES, GRADUATE STUDENT, DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY, UNIVERSITY OF CALIFORNIA, SANTA CRUZ
SECOND YEAR SEMINAR

APRIL 17, 2007

HOST: SALTIKOV

"MOLECULAR ECOLOGY OF ARSENITE OXIDIZING PROKARYOTES IN GEOTHERMAL ENVIRONMENTS"KAMRUN ZARGAR, GRADUATE STUDENT, DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY, UNIVERSITY OF CALIFORNIA, SANTA CRUZ
SECOND YEAR SEMINAR

APRIL 24, 2007

HOST: YILDIZ / BEYHAN / SHIKUMA

"CELL POLARITY, CELL SHAPE AND THE CYTOSKELETON: A BACTERIAL PERSPECTIVE"

CHRISTINE JACOBS-WAGNER, MAXINE F. SINGER ASSOCIATE PROFESSOR, DEPARTMENT OF MCD BIOLOGY, YALE UNIVERSITY

APRIL 30, 2007 (MONDAY)

HOST: FLEGAL

"INVESTIGATING THE FUNCTIONALITY OF THE MULTIXENOBIOTIC RESISTANCE MECHANISM IN DEVELOPING ZEBRAFISH (DANIO RERIO)" - 25 MINUTES

MARY LANGSNER, GRADUATE STUDENT, DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY, UNIVERSITY OF CALIFORNIA, SANTA CRUZ

MAY 1, 2007

HOST: SMITH

"NO PROBLEM? NITRIC OXIDE AND MANGANESE NEUROTOXICITY."

RON TJALKENS, DEPARTMENT OF ENVIRONMENTAL AND RADIOLOGICAL HEALTH SCIENCES, TOXICOLOGY SECTION, COLORADO STATE UNIVERSITY

MAY 8, 2007

HOST: YILDIZ

"C-DI-GMP SIGNALING SYSTEMS IN VIBRIO CHOLERAE" - 25 MINUTES

SINEM BEYHAN, GRADUATE STUDENT, DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY, UNIVERSITY OF CALIFORNIA, SANTA CRUZ

MAY 15, 2007

NO SEMINAR SCHEDULED DUE TO CANCELLATION

MAY 18, 2007 (FRIDAY)

HOST: SALTIKOV

"NITRATE RESPIRATION AT 100° C: ARCHAIC ENERGY ACQUISITION"

IMKE SCHROEDER, DEPARTMENT OF MICROBIOLOGY, IMMUNOLOGY, AND MOLECULAR GENETICS
UNIVERSITY OF CALIFORNIA, LOS ANGELES

MAY 22, 2007

HOST: SMITH

"NEUROCOGNITIVE DEFICITS ASSOCIATED WITH DIETARY MANGANESE EXPOSURE"

FRANCIS CRINELLA, PROFESSOR OF PEDIATRICS, CHILD DEVELOPMENT CENTER, UNIVERSITY OF CALIFORNIA, IRVINE

MAY 25, 2007 (FRIDAY, 12:30 - 1:30)

HOST: SMITH

"HYPOXIC RESPONSE, HIF-1, AND ENVIRONMENTAL SENSING: THE SURPRISING ROLE OF THE SKIN"

RANDALL JOHNSON, PROFESSOR, MOLECULAR BIOLOGY SECTION, DIVISION OF BIOLOGICAL SCIENCES
UNIVERSITY OF CALIFORNIA, SAN DIEGO

MAY 29, 2007 - **CANCELLED**

HOST: OTTEMANN

"MONITORING AND MODULATING TUBERCULOUS GRANULOMA FORMATION IN REAL-TIME IN THE TRANSPARENT ZEBRAFISH"

LALITA RAMAKRISHNAN, ASSOCIATE PROFESSOR, DEPARTMENT OF MICROBIOLOGY, UNIVERSITY OF WASHINGTON

JUNE 5, 2007

HOST: FLEGAL

"RESUSPENSION OF URBAN SOIL: AIRBORNE LEAD FROM PAST DECADES"

CLIFF DAVIDSON, PROFESSOR, CIVIL & ENVIRONMENTAL ENGINEERING AND ENGINEERING & PUBLIC POLICY,
CARNEGIE MELON UNIVERSITY

JUNE 7, 2007 (THURSDAY, 12:30 - 1:30)

HOST: OTTEMANN

"ANALYSIS OF ANCILLARY HOMOLGY DOMAINS WITHIN THE *HELICOBACTER PYLORI* CHEMOTAXIS PATHWAY"

ANDREW LOWENTHAL, GRADUATE STUDENT, UNIVERSITY OF CALIFORNIA, SANTA CRUZ
DISSERTATION DEFENSE

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/>