

Posters
Subsurface Biosphere Initiative
Summer Workshop
La Sells Stewart Center, OSU
Ag Production Room
July 21, 2010

Ryan Armstrong

Decoupling the Mechanisms of Microbial Enhanced Oil Recovery

Brandon Briggs, Marine Geology and Geophysics, COAS, OSU

Subseafloor Macroscopic Biofilms Involved in Anaerobic Oxidation of Methane

Markus Kleber, Maria Dragila, Priscilla Woolverton, Department of Crop and Soil Science, OSU

Need Water: Controlling Organic Matter Structure to Improve Soil Wettability

Gabriel Ittis

Quantitative Imaging Of Biofilm in Opaque Porous Media: Assessing the Impact of Fluid Flow Rate and Microbial Species on Biofilm Formation and Architecture

Ellen Lauchnor, School of Chemical, Biological, and Environmental Engineering, OSU

Global Gene Expression Comparisons Between Nitrosomonas europaea Biofilms and Planktonic Cells

Tyler Radniecki, School of Chemical, Biological, and Environmental Engineering, OSU

Inhibition of Nitrosomonas europaea by Silver Nanoparticles

Lewis Semprini, Mohammad Azizian, School of Chemical, Biological, and Environmental Engineering, OSU; **Ian Marshall, Alfred Spormann**, Civil and Environmental Engineering, Stanford

Comparison of Lactate, Formate, and Propionate as Substrates for TCE Reductive Dehalogenation in a Continuous-flow Column

JiHyeon Song, School of Chemical, Biological, and Environmental Engineering, OSU

Phenol Inhibition on Nitrosomonas europaea Embedded in Alginate Artificial Biofilms

Dylan Stankus, School of Chemical, Biological, and Environmental Engineering, OSU

Interactions of Natural Organic Matter and Gold Nanoparticles with Varying Capping Agents

Spencer Whitter, School of Chemical, Biological, and Environmental Engineering, OSU; **Neeraja Vajrala, Luis Sayavedra-Soto, Daniel J. Arp**, Department of Botany & Plant Pathology, OSU.

Can Ammonia Oxidizing Archaea (AOA) utilize Hydroxylamine as Substrate?