

Tentative Schedule for

**Frontiers at the Chemistry Biology Interface Symposium,
April 30th 2011, University of Delaware**

8:20-9:00 Registration & coffee
poster presenters (odd and even numbered) should set up posters.

9:00-9:05 Welcome and opening remarks.

Session I.

9:05-9:25 **James Petersson**, Assistant Professor, University of Pennsylvania, Dept. of Chemistry.
Thioamides as Fluorescence Quenching Probes: Minimalist Chromophores for Monitoring Protein Dynamics

9:25-9:45 **Pumtiwitt McCarthy**, CBER, U.S. Food and Drug Administration
Preparation of a meningococcal group C polysialic acid- tetanus Hc fragment glycoconjugate vaccine candidate by chemoenzymatic synthesis

9:45-10:15 **Pam Green**, Professor, University of Delaware, Dept. of Plant and Soil Sciences.
TBA

10:15-10:35 *Coffee break*

Session II.

10:35-10:55 **Yaming Hou**, Professor, Thomas Jefferson University.
Differentiating analogous tRNA methyltransferases by Analogs of the
Methyl Donor S-adenosyl Methionine.

10:55-11:15 **Kory Blocker**, Department of Chemical Engineering, University of Delaware,
Tunability and Tailorability of Cell-Triggered DNA Release from a
Substrate-Mediated Delivery System

11:15-11:45 **Shuwei Li**, Assistant Professor, Dept. Chemistry and Biochemistry, Univ. of Maryland.
Reviving Deuterium-Labeled Tags for Quantitative Proteomics

11:45-1:15 **Posters I & Lunch**
(even numbered posters)

Session III.

1:15-1:45 **Lynn Hyde**, Principal Scientist, Merck Research Labs.
Discovery of a Novel Class of Iminoheterocycle BACE1 (b-secretase) Inhibitors With Central Nervous System (CNS) Activity for the Treatment of Alzheimer's Disease

1:45-2:05 **Jun Wang**, Department of Chemistry, University of Pennsylvania
Structure-Based Design Of Inhibitors Targeting Influenza A Virus M2 Proton Channel (A/M2)

2:05-2:25 **Marie-Christine Daniel**, Assistant Professor, Dept. Chemistry & Biochemistry, UMBC
Targeted Gold Nanoparticles for Clinical Imaging and Drug Delivery

2:25-3:45

Posters II /refreshments
odd numbered posters

Session IV.

3:45-4:15

James Stivers, Professor, Pharmacology and Molecular Science, Johns Hopkins Univ.
A Look on the Dark Side of Fragment-Based Drug Design

4:15-4:45

Thomas Svensson, DuPont Crop Protection,
*Chemistry at the Interface of Agriculture and Medicine: Pyrazinones as Tubulin
Modulators*

4:45- 4:50

Closing remarks.