

The Department of Chemistry Presents

The 2007

Senior Research Symposium

Time	Presenter	Title	Advisor
9:00 am		Coffee	
9:30	Peter Chen	<i>Building a Diverse Radiotracer Toolkit for Functional Genomics of Plant Cell Wall Synthesis: Development and Application of [¹⁸F]-Fluorochlorobenzonitrile Radiotracer as a potential Bio-marker</i>	Joanna Fowler
9:45	Sun K. Choi	<i>Synthesis of the Second Generation Taxoid SB-T-1214</i>	Iwao Ojima
10:00	Emil Fertil	<i>Studies of the Comproportionation Equilibrium of Binuclear Complexes</i>	Fernando Raineri
10:15	Helen Gerardi	<i>Magnetic Resonance of BiFeO₃ Nanoparticles</i>	Stanislaus Wong
10:30		Coffee Break	
10:45	Yekaterina Gurnevich	<i>The Social and Cultural Impacts of Living in the Nuclear Age: A Look at Hiroshima, the Marshall Islands and Chernobyl</i>	Lester Paldy, Technology & Society
11:00	James Han	<i>Synthetic Approach to a Library of Novel Trisubstituted Benzimidazole Targeting the Bacterial Protein FtsZ as Potential Anti-TB Agents</i>	Iwao Ojima
11:15	En-Chi Lin	<i>Exploration of Conjugated Halogen Compounds</i>	Nancy Goroff
11:30	Carmenza Martinez	<i>Synthesis of New Bis-Chelating Agents as Antidotes for Neurotoxins Such as the Nerve Gas "Sarin"</i>	Francis Johnson
11:45	Jan Nowicki	<i>Solvent Reorganization Energies of Porphyrin-Quinone Dyads</i>	Fernando Raineri
12:00 pm		Lunch	
12:45	Aimee Pak	<i>Influence of Aging on the Surface Properties of Different Forms of Precipitated Calcium Carbonate</i>	Richard Reeder, Geosciences
1:00	Douglas Sturm	<i>Design and Development of Tumor-Specific Anticancer Agents: Tumor-Targeting Taxoid Conjugates</i>	Iwao Ojima
1:15	Makiko Tomita	<i>Understanding of Tritium Behavior, Advance of Recovery, Safety Control and Radioactive Waste of Fusion Reactor System</i>	Roy Lacey
1:30	Ariel Zlich	<i>Anionic Conduction in Solid Oxide Fuel Cells</i>	Clare Grey
1:45		<i>Senior Class Meeting</i>	

Monday, May 7, 2007

Stony Brook University, Chemistry Building, Room 412