

## Visiting Speakers

**Purnendy (Sandy) K. Dasgupta**, Jenkins Garrett Professor and Chair, Department of Chemistry, University of Texas at Arlington, will speak on “*A charge detector for ionic solutes: Ionic semiconductors and other mysteries*” on Monday, April 12, 2010 @ 11:00 a.m. in E3-25.

**Prof. Uwe Schneider**, Department of Chemistry, School of Science, The University of Tokyo, Japan, will speak on “*Catalytic C-C Bond formation with boron reagents: low oxidation indium vs. transition metal catalysis*” on Tuesday, April 13, 2010 @ 11:00 a.m. in E1-60.

**Prof. Philip Jessop**, Canada Research chair of Green Chemistry, Department of Chemistry at Queen's University, Kingston, On and Technical Director of GreenCentre Canada, will speak on “*Persuading CO<sub>2</sub> to be useful*” on Wednesday, April 14, 2010 @ 11:00 a.m. in CAB 235.

**Prof. Tamejiro Hiyama**, Department of Material Chemistry, Graduate School of Engineering, Kyoto University, Japan, will speak on “*Invention of transition metal catalyzed carbon-carbon bond forming reactions for organic synthesis*” on Monday, April 19, 2010 @ 11:00 a.m. in E1-60.

**Weihong Tan**, V.T. and Louise Jackson Professor of Chemistry, University of Florida, Gainesville, FL, will speak on “*Molecular foundation of cancer: A chemical biology approach*” on Friday, April 16, 2010 in E3-25 @ 4:00 p.m.

...see page 2 of the Chemistry seminars for the 401/403 presentations on Tuesday, April 13, 2010

## Chemistry Quote of the Week

We are told that people stay in love because of chemistry, or because they remain intrigued with each other, because of many kindnesses, because of luck . . . But part of it has got to be forgiveness and gratefulness.

- Ellen Goodman (1941-\_\_\_\_)

# 4013

## Speakers

**Tuesday, April 13, 2010**  
**E3-25**

<b>Start Time</b>	<b>Speaker</b> <i>(Supervisor)</i>	<b>Topic</b>
9:30	Martina Morrissey <i>(Lucy)</i>	Further Studies of Mixed Surfactant Bilayer Coatings for Capillary Electrophoretic Separations of Proteins
9:50	Brandon Johnston <i>(Harynuk)</i>	Identification of Accelerants in Arson Debris
10:10	Craig McMullen <i>(Harynuk)</i>	Investigation into Deconvolution Method vs. Valley Drop Method for Enantiomeric Fractions
10:30	Break	
10:45	Jade Lam <i>(Gibbs &amp; Davis)</i>	Tweaking the Backbone: Tuning DNA Stability to Generate Catalytic Properties
11:05	Laura Johnston <i>(Campbell)</i>	Circular Permuted Red Fluorescent Protein Used for the Design of Red Fluorescent Ca <sup>2+</sup> Biosensors
11:25	Lunch	
1:00	Kale Edwards <i>(Veinot)</i>	Spirobifluorene: Synthesis of a Possibly Thermally Stable, Blue Emitting Polymer
1:20	Christina Rachinsky <i>(Veinot)</i>	The Effect of Substituted Silanes on the Formation of Silicon Nanocrystals
1:40	Fraser Pick <i>(Stryker)</i>	Synthesis of Tetrakis(2-hydroxy-3-trimethylsilylphenyl) ethene Derivatives: A New Surface Mimetic System
2:00	Break	
2:15	Devin Reaugh <i>(Stryker)</i>	Synthesis of Cobaltacene Derivatives for [5+2] Ring Expansions
2:35	Zhiwei He <i>(Lowary)</i>	Preparation of the O-Methyl Phosphoramidate Group Found on <i>Campylobacter jejuni</i>
2:55	Sean Liew <i>(Lowary)</i>	Synthesis of a Novel Branched-Chain Monosaccharide