



Department of Chemistry & Chemical Biology

presents

**Proteomics, Peptidomics and Metabolomics:
A Retirement Symposium Honoring Dr. Ira S. Krull**

Date: Friday, June 13, 2008

Time: 8:30 a.m. – 4:45 p.m.
(Continental Breakfast 8:00-8:30 a.m.)

Location: Curry Student Center
McLeod Suites, 318-322
Northeastern University
Boston, MA, 02115

Directions at [www. http://www.northeastern.edu/campusmap/](http://www.northeastern.edu/campusmap/)

Program includes talks by invited speakers

<u>Speaker</u>	<u>Affiliation</u>	<u>Title of Talk</u>
Steven Cohen	Principal Scientist-Waters Corp.	Design & Fabrication of a Revolutionary High Performance Microfluidic Liquid Chromatography System
Uwe Neue	Director, External Research-Waters Corp.	Flow in Geometrically Deformed Tubes
Michael Swartz	Research Director-Synomics Corp.	VHPLC: Fulfilling the Promise of Fast LC in Pharmaceutical Analysis
Bill LaCourse	Professor of Analytical Chemistry-University of Maryland, College Park	Electrochemical Detection in Bioanalytical Applications
William Hancock	Professor of Chemistry, Barnett Institute of Chemistry & Biological Analysis-Northeastern University	The Use of Plasma Proteomics to Study Disease Pathogenesis
Carol Warner	Matthews Distinguished University Professor, Biology Dept-Northeastern University	Analytical Methods to Study Preimplantation Embryos
Robert Hanson	Professor, Dept of Chemistry & Chemical Biology-Northeastern	Proteomics to Nanomedicinal Chemistry: Not Too Long a Step?

<u>Speaker</u>	<u>Affiliation</u>	<u>Title of Talk</u>
	University	
Scott Berger	Biopharmaceutical Market Development Manager-Waters Corp.	Using Mass Spectrometry to Understand Multi-Dimensional Protein Separations
Wayne Patton	Chief Scientific Officer-Enzo Life Sciences	Comprehensive Planar Electrochromatography of Thin Layer Chromatographic Separations System Coupled to Mass Spectrometry
David Schuster	Professor, Dept of Chemistry-New York University	From Photochemistry to Photophysics: Cyclohexadienones to Fullerenes
Ira S. Krull	Associate Professor, Dept of Chemistry & Chemical Biology-Northeastern University	Photochemistry, Natural Products, Analytical Chemistry, Bioanalytical Chemistry, and Analytical Biotechnology
Peter Kissinger	Professor, Dept of Chemistry Purdue University; Director, ProSolica	Proteomics and Metabolomics - Do you know where your samples came from? It's time you did.
Carl Selavka	Forensic Science Officer (UCG Consultant)-U.S. Army Criminal Investigation Laboratory	There are No "Forensic Omics" In Place... Yet. But Professor Krull Helped Invent Many Other Forensic Advances!
Jeffrey Mazzeo	Biopharmaceutical Business Director-Waters Corp.	Development and Applications of UPLC
Rohin Mhatre	Senior Director, BioProcess Development-Biogen Idec	The Impact of Cutting-edge Analytical Technology on Biopharmaceutical Development
Hongji Liu	Research Scientist-Shire HGT	Development of an Automated RP/RP 2D Nano LC/MS Method for Proteomic Analysis
Kevin Millea	Postdoc, Department of Chemistry and Chemical Biology -Northeastern University	Examining Differences in N-glycosylation of Glycoproteins Using Isotopic Labels: Differential Glycomics
Chad Dooley	Graduate Student, Department of Chemistry, Boston College	Charge Carrier Separation Dynamics in Heteromaterial Semiconductor Quantum Rods
Heather Brodtkin	PhD Candidate, Dept of Chemistry & Chemical Biology-Northeastern University	Are Enzyme Active Sites Built in Multiple Layers?

Registration:

Pre-registration (free) is required by May 9, 2008 to s.khalil@neu.edu

Lunch will be provided.