

# UTHSCSA Advanced Technology Expo

## ATex 2013

**Date:** Thursday, January 24<sup>th</sup>, 2013  
**Location:** STRF Board Room (102) and Lobby

### Program Speakers

10:00-10:20 am	<u>What Analytical Ultracentrifugation Reveals about Macromolecular Interactions.</u> <b>Borries Demeler</b> , Associate Professor of Biochemistry.
10:25-10:45 am	<u>The Application of Surface Plasmon Resonance for Drug Discovery.</u> <b>Eileen Lafer</b> , Professor of Biochemistry.
10:50-11:10 am	<u>Experimental Design and Quality Control Considerations for RNA-Seq.</u> <b>Zhao Lai</b> , Director, GCCRI Genome Sequencing Facility.
11:15-11:35 am	<u>Mass Spectrometry-based Proteomics: Applications in Biomedical Research.</u> <b>Susan T. Weintraub</b> , Professor of Biochemistry.
11:40-12:00 noon	<u>Mass Spectrometry-based Metabolomics: Discovery and Targeted Quantitative Analysis of Small Molecules.</u> <b>Xiaoli Gao</b> , Technical Director, Metabolomics Core Laboratory
12:00 – 12:15 pm	<b>Break</b>
12:15 – 1:00 pm	<u>Assuring Accurate qPCR Data: the MIQE Guidelines for qPCR.</u> <b>Greg Shipley</b> , MIQE Co-Author and former Director of the Quantitative Genomics Core, UTHSC-Houston
1:00 – 1:30 pm	<u>The Critical Variables for Successful Preparation of Next Generation Sequencing Libraries.</u> <b>Masoud Toloue</b> , Director of Genomic Research, Bioo Scientific

### Sponsored by the UTHSCSA Research Core Laboratories

- Refreshments and lunch provided to registered participants.
- Visit the vendor demonstration tables with leading suppliers of research products & services.
- Pre-register online at <http://research.uthscsa.edu/RCL/ATex2013.shtml>
- Or register at the event.
- Contact Michael Wilson at [wilsonma@uthscsa.edu](mailto:wilsonma@uthscsa.edu)