

**Monday, September 23rd**

Reception and introduction: Noon

**Tuesday, September 24th**

9 am through 2 pm

**No cost, but please register**

Email Brandy McMasters to indicate attendance

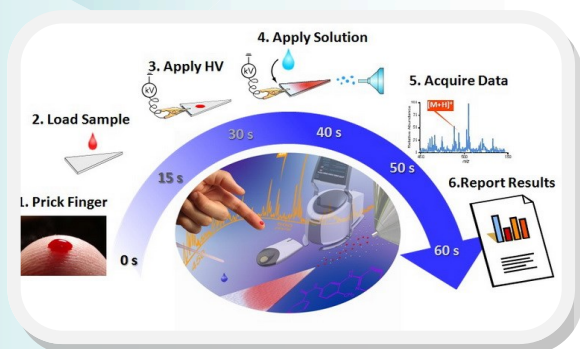
[mcmasters@purdue.edu](mailto:mcmasters@purdue.edu)

## 6th Annual Workshop: Instrumentation for Personalized Medicine Center for Analytical Instrumentation Development

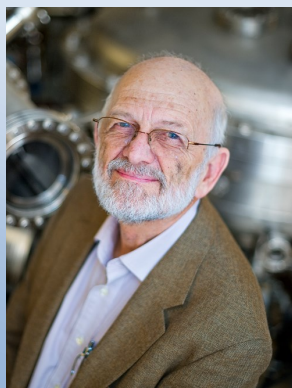
September 23rd and 24th, 2013 held at Purdue University in West Lafayette, IN

Attendees will have the chance to engage in several experiments of their choice where they will gain hands-on experience with topics including:

- ⇒ **Discrete sampling of blood coupled with paper spray ionization for the quantification of pharmaceuticals with minimal sample preparation.**
- ⇒ **Lipid profiling for the determination of tumor margins in tissue.**
- ⇒ **Analysis of biofluids by a miniature mass spectrometer coupled with paper spray ionization.**
- ⇒ **Detection of counterfeit pharmaceuticals using low cost paper-based analytical devices.**
- ⇒ **Hyper-spectral stimulated Raman scattering microscopy instrumentation and quantification of biologically relevant molecules.**
- ⇒ **Tumor imaging through digital holographic recording and dynamic light scattering.**



### **2013 Dreyfus Prize in the Chemical Sciences**



The 2013 Dreyfus Prize in the Chemical Sciences will be awarded to R. Graham Cooks for advances in chemical instrumentation. The workshop will conclude with an award ceremony and lecture by Professor Cooks beginning at 4 pm on September 24th. The talk is entitled "Measuring Molecules: Grocery Stores, Crime Scenes, Doctors Offices, Operation Rooms, and Factory Floors".

### Analytical Instrumentation



Regional Synergy