

March, 2007

SAS STUDENT AWARDS PRESENTED AT FACSS

GRADUATE STUDENT AWARDS

Recognizing graduate students for their outstanding research in spectroscopy



George Chan
Indiana University

George Chan is currently pursuing a Ph.D. in analytical chemistry at Indiana University under the direction of Gary M. Hieftje. Born and raised in Hong Kong, George received his B.Sc. degree, with first class honors, majoring in chemistry from the University of Hong Kong (HKU) in 1997. He received his M.Phil. degree in 2000, majoring in analytical chemistry in the Wing-Tat research group. He started his graduate research at Indiana in 2002. His current research interests include understanding matrix-effect mechanisms and analyte excitation mechanisms in ICP-AES, and the development of diagnostic tools to identify interelement matrix effects and methods to alleviate them.



Phillip Kukura
University of California, Berkeley

Phillip Kukura received his B.A. in Chemistry from the University of Oxford in 2001, his Master in Chemistry degree from the University of Oxford in 2002, and his Ph.D. in Chemistry from the University of California, Berkeley. His Ph.D. advisor was Professor Richard A. Mathies. Dr. Kukura's Ph.D. thesis is entitled "Real-Time Structural Observation of Ultrafast Chemical Reaction Dynamics with Femtosecond Stimulated Raman." His published papers include an article in *Science* (2005, 310, 1006-1009), which was featured in *Nature* and *C&E News*. A chapter on "Femtosecond Raman Spectroscopy" co-authored with Richard A. Mathies will be published in the *Annual Review of Physical Chemistry*, 2007. Dr. Kukura is currently employed at the Physical Chemistry Laboratory, ETH, Zurich, Switzerland.

S.A.S. Tour Speakers Program Hits Europe!

John Chalmers, President-Elect

The Society has launched an SAS Tour Speakers Program in Europe in 2007. The Society has been able to take advantage of one of its past-Presidents and an Honorary Member, Professor Peter Griffiths, being on sabbatical in Germany to launch the new Program, which we hope will become a regular feature in Europe, as it has been very successfully in the USA for many years. As the inaugural European Tour Speaker, Peter will give talks in the U.K., Germany and Austria. Peter's first talk will be on April 2nd in Dortmund, Germany, at ISAS (Institute for Analytical Sciences). The second talk will be part of two-day meeting organized by the U.K. Infrared and Raman Discussion Group, IRDG, taking place at Sheffield Hallam University, on 4th-5th April. The third talk in the series, Surface-Enhanced Infrared Spectroscopy, will be given by Peter on April 19th in Vienna, Austria at the Technical University of Vienna.

SAS POSTER SESSION STUDENT AWARDS

Recognizing outstanding poster presentations at FACSS involving spectroscopy research



Ryan Brennan
George Washington University
Interferometric Droplet for In Situ and Aerosol Characterization in an Inductively Coupled Plasma.
Director: Akbar Montaser.



Algernon Kelley (left)
Louisiana State University
In Situ AFM Investigation of the Effects of Concentration and Writing Parameters When Nanografting Functionalized n-alkanethiol SAMs on Au(111).
Director: Jayne Garno (right).



Honggang Li
University of Maryland Baltimore County
Multilayer Enhanced Gold Film Over Nanostructured SERS Substrates for Extended Shelf-life and Sensitivity
Director: Brian Cullum.



Johnpeter Ngunjiri
Louisiana State University
Studying Biomolecular Reactions at the Nanoscale: In Situ Studies of Proteins Patterned by Nanografting and Surface Activation Chemistry
Director: Jayne Garno.

Comments to butcherATemail.wcu.edu