

Translating
basic knowledge
into excellence
in clinical
practice and
patient care

• MISSION:

To inform and educate the laboratory community about efforts involved in the rapid transition of basic knowledge into clinical practice and patient care.

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Newletter prepared by Peggy Emmett,
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Division.

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TRANSLATIONAL TIMES

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American Association for Clinical Chemistry

UPCOMING EVENTS FOR CLINICAL TRANSLATIONAL SCIENCE DIVISION AT THE ANNUAL 2013 MEETING

The Clinical Translational Science Division will be involved in the following meetings and Symposia at the Annual 2013 AACCC meeting in Los Angeles:

Sunday, July 28th

from 1:00—2:00 pm is the Division Awards and Networking Meeting. This meeting is for members of all Divisions. It will be held at the Hilton Americas Houston.

Sunday, July 28th

from 6:45 —8:00 pm is the Annual AACCC Meeting Opening Mixer, open to all attendees of the Annual Meeting. It will be held at the Hilton Americas Houston.

Monday, July 29th

from 12 noon—2:30 pm is the Annual Clinical Translational Science Division Luncheon and Business Meeting. In addition to buffet lunch and business, there will be a presentation titled "Next Generation

Tools for High to ultra Sensitive Measurements". The topics include:

- 1) "Clinical Utility of ultra-Sensitive HIV and PSA Assays (part 1)", David Wilson, Quanterix Corporation, (Lexington, MA)
- 2) "High-sensitivity Cardiac Troponin I for Risk Stratification of Acute Coronary Syndromes and Management of Patients with Chronic Cardiovascular Disease", Alan Wu, University of California/San Francisco General Hospital. (sponsored by Singulex, Alameda, CA) and 3) "Development of Multiplex Biomarker Assays in CSF for the Diagnostics of Alzheimer's disease". Robert Umek, Meso Scale Discovery (Gaithersburg, MD). It will be held at the Hilton Americas Houston.

Monday, July 29th

from 5:30—7:00 pm will be the a joint mixer including the Clinical Translational Science, Pediatric Maternal-

Fetal, and the Industry Divisions. At this Social Mixer, the awards for abstracts and posters will be presented. This will be held at the Hilton Americas Houston.

CTS Sponsored Events,

the following Short Courses and Symposia are developed in cooperation with the CTS Division:

Sunday, July 28th: Short Course 191001, Advanced Applications of Molecular Diagnostics and Pharmacogenomics in Targeted Therapeutics—Part 1.

Tuesday, July 30th: Symposia 33101, Oral Fluid as an Alternative Specimen for Workplace, Clinical and Forensic Toxicology.

Wednesday, July 31st: Symposia 34102, Advancing Clinical Proteomics through High Quality Discovery Research, and Symposia 34212, Proteomic and Metabolomic Biomarkers for Clinical Laboratory: Shared Goals, Common Strategies.

MEET THE NEW OFFICERS OF THE CTS DIVISION

President-Elect



Yusheng Zhu, PhD.

Dr. Zhu is an Associate Professor and Director of Clinical Chemistry and Toxicology, Director of Postdoctoral Clinical Chemistry Fellowship Program at the Medical University of South Carolina. He is a Diplomate of ABCC (both Clinical Chemistry and Molecular

Diagnostics) and a Fellow of NACB. He received his Ph.D. and M.S. degrees from Shanghai Medical University. He completed postdoctoral fellowship in biochemistry and molecular biology at the University of Georgia and clinical chemistry and pharmacogenetics at the University of Louisville.

MEET THE NEW OFFICERS OF THE CTS DIVISION

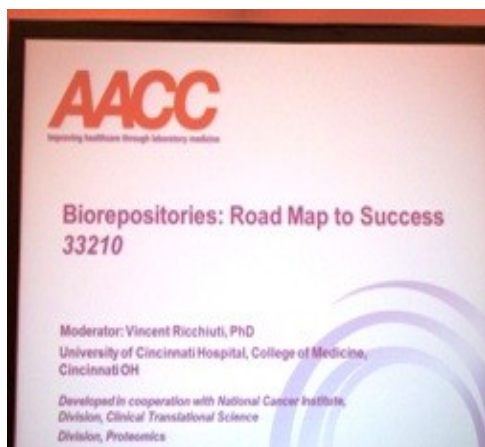


**Division Liaison
Kamisha Johnson-
Davis, PhD**

Dr. Johnson-Davis is an Assistant Professor at the University of Utah in the Department of Pathology and the Medical Director for the Clinical Toxicology Lab II and immunosuppressant testing at ARUP Laboratories. She received her B.S. degree in Biochemistry from the

University of California, Riverside and her Ph.D. in Pharmacology from the University of Utah. She completed her postdoctoral fellowship in clinical chemistry at the University of Utah,

CLINICAL TRANSLATIONAL SCIENCE 2012 AFTERNOON SYMPOSIA:
BIOREPOSITORIES: ROAD MAP TO SUCCESS



states and their impact on future research. The second speaker was Jim Vaught, PhD, National Cancer Institute, Rockville, MD. His topic was the NCI Office of Biorepositories and Biospecimen Research. He gave an overview of the Initiatives for the NCI Office Biorepositories. He was followed by Roger Asmodt, PhD, Consultant, Roseville, CA. Dr. Asmodt gave an in depth talk about the human subjects regulations which affect Biorepositories. He reviewed the protections and rules associated with sample banking. Last, but not least, Dan Chelsky, PhD, Caprion Proteomics, Inc, Montreal,

Quebec, Canada spoke about the affects for human blood collection, processing and storage and their impact on proteomic analysis. He emphasized that the quality of the data is only as good as the preanalytical and storage conditions of the samples..

A thoughtful discussion followed the presentations as the audience asked the panel questions and offered comments regarding their talks. The AACC offered 2.5 CE credits for this symposium. The short course was well attended.

On Tuesday, July 17, 2012, an afternoon Symposium sponsored by the Clinical Translational Science Division and the Animal Clinical Chemistry Division took place. Four speakers spoke about how the proper collection, storage, and tracking of samples is critical when creating a high quality specimen bank and how to get started. These talks included the challenges in maintaining specimen quality and standardization; technical and budgetary concerns; how to ensure and track informed consent; stability of analytes; and the best practices in labeling and tracking samples.

The first speaker, Elaine Gunter, MT(ASCP) from Specimen Solutions, LLC in Atlanta, GA. Her topic was Biorepositories: Worth Their Weight in Gold. She spoke about the visions and advantages of developing specimen banks for specific disease



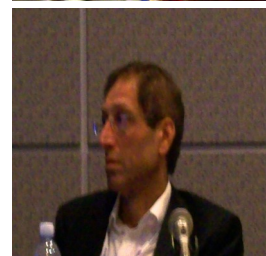
Jim Vaught, PhD
National Cancer Institute

Roger Asmodt, PhD,
Consultant, Aamodt Enterprises



Elaine Gunter, MT (ASCP)
Specimen Solutions, LLC

Dan Chelsky, PhD,
Caprion Proteomics.



2012 CTS DIVISION ABSTRACT AWARD FOR OUTSTANDING RESEARCH IN TRANSLATIONAL MEDICINE

On Tuesday, July 17, 2012, the Clinical Translational Science Division presented the 3rd Annual Abstract Award for Outstanding Research in Translational Medicine. The ceremony took place during the Joint Mixer with the Molecular Pathology, Pediatric Maternal Fetal, Industry, and Clinical Translational Science Divisions. The award winner was Olusegun A. Mojiminiyi from Kuwait

University. The title of the winning abstract was: "Receiver Operating Characteristics (ROC) Curve Analysis of a Novel Index for Coronary Heart Disease Risk Prediction and Diagnosis of the Metabolic Syndrome".

President Vincent Ricchiuti presented the award and a check for \$500.00.



Olusegun A. Mojiminiyi (left) receives his award from Vincent Ricchiuti (right)