



華美化學學會

Chinese American Chemical Society

## 2009 Tri-State CACS Annual Symposium

### Innovation and Entrepreneurships in Pharmaceutical and Chemical R&D

Co-sponsored by  
The Department of Medicinal Chemistry  
Ernest Mario School of Pharmacy, Rutgers University

8:30 am – 4:30 pm  
Saturday, June 13, 2009

Busch Campus Center  
Rutgers University, Piscataway, NJ  
604 Bartholomew Rd  
Piscataway, NJ 08854

[www.tristatecacs.org](http://www.tristatecacs.org)



## Acknowledgment

Tri-State CACS gratefully acknowledges the following sponsors for their support of Tri-State CACS and this symposium:

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## Forward

Welcome to the 2009 Tri-State CACS Annual Symposium!

On behalf of the Tri-State CACS, we would like to express our sincere gratitude to our sponsors and to our volunteers for their support and contributions to the cause of our organization.

Over the past decade, pharmaceutical industry have gone through many changes and had its prospective years. However, despite steady demand for its products, the industry's current business model is both economically and operationally challenged. Meanwhile, the world is witnessing fast economic development in Asia, particularly in China. Therefore, the American chemical and pharmaceutical industries as a whole and the Chinese-American chemical professionals in particular, are presented with unprecedented challenges and opportunities in this rapid changing environment. After the successful Beijing International Pharmaceutical & Chemical Intellectual Property Forum and International Pharmaceutical R&D Forum, CACS has started a new mission to promote dialogues and collaborations in chemical and pharmaceutical R&D organizations between the US and China. This year's theme, "Innovation and Entrepreneurships in Pharmaceutical and Chemical R&D", continues on last years' theme and reflects some of the current industry trends in combating the economic downturn.

We are extremely excited to have a group of high-caliber R&D leaders from major chemical & pharmaceutical companies to share their visions and thoughts about the future growth drivers for our industries in the current environment. Among them are Dr. Gregory J. Szpunar, Senior Vice President of Pharmaceutical Sciences and Drug Metabolism of Schering-Plough Research Institute, Dr. Arthur A. Andrews, Vice President of Global Drug Product Development of Johnson & Johnson Pharmaceutical R&D, Dr. Paul Juniewicz, Senior Vice President & Head for Global External Innovation Access, sanofi-aventis, and Dr. Nilesh Shah, Research & Development Director, Household & Personal Care, Dow Advanced Materials. In addition, an introduction to ACS Diversity Partner Program will be presented by Dr. Guang Cao of Exxon Mobile with a focus on Asian chemical professionals. As always, entrepreneurs in smaller research and service business are well-presented in the symposium and for a second year, we will also feature a vendor show as well.

Enjoy the symposium.

For over a quarter of a century, CACS has continued to promote cohesion among Chinese-American chemical professionals, and to address their common interests and concerns. In addition to holding events like this, Tri-State CACS has continued Young Chemist Awards to help cultivate interests in chemical sciences among high school students. We also initiated a mentoring program to help junior colleagues gain a quick footing in their respective careers in the US.

Please join us as we face new challenges and new opportunities!

Xuhong Sunny Wang  
President

Duxi Zhang, PhD  
President-Elect

Longqin Hu  
Immediate Past-President



## Program Schedule

8:30 Registration / Breakfast & Coffee

9 – 4 **Vendor Show** features Bruker Daltonics, Dionex, Mestrelab Research, Millipore Corp, Primera Analytical Solutions, Teledyne ISCO, Thermo Fisher Scientific, XenoBiotic Labs, and Yamazen.

### Morning Session

9:00 Opening Remarks

9:10 Dr. Gregory Szpunar, Senior VP, Pharmaceutical Sciences and Drug Metabolism of Schering-Plough Research Institute

*“Big Pharma - Where is It All Going?”*

9:50 Dr. Arthur Andrews, VP of Global Drug Product Development, Johnson & Johnson Pharmaceutical R&D  
*“Pharmaceutical Development: Understanding Major Industry Changes in How to “Design, Develop, and Deliver” New Drugs”*

10:30 **Coffee Break and networking**

10:50 Dr. Paul Juniewicz, VP & Global Head for Access to External Innovation, sanofi-aventis

*“Changing Paradigms in Pharmaceutical R&D”*

11:30 Dr. Nilesh Shah, Research & Development Director, Household and Personal Care, Dow Advanced Materials

*“Provide Solutions in a Hyper-Competitive Marketplace”*

12:10 Lunch

### Afternoon Session

1:20 Dr. Yuguang Wang, Senior VP of Integrated Services and Library Generation, ChemPartner  
*“Life in a CRO”*

1:45 Dr. Guang Cao, ACS Diversity Program Asian Partner, Exxon Mobile Research & Engineering  
*“ACS Diversity Partner Program”*

2:10 Dr. Zhe-ming Gu, VP & Head of Drug Metabolism and Biotransformation, XenoBiotic Laboratories  
*“Drug Metabolism in Drug Discovery & Development - Opportunities for CRO in China”*

2:35 Dr. Hong Xu, VP of Business Development, Medicilon:  
*“Creating Innovative Models of Partnering with China to Enrich Pharmaceutical Product Pipelines”*

3:00 **Coffee Break and networking**

3:15 Matt Giovine, Senior Director of Business Development, AstaTech Inc.  
*“Technology Licensing Opportunity for Small CRO Companies”*

3:40 Dr. Chen Peng, Director of Business Development, Mestrelab Research:  
*“From Chemistry to NMR Software Development to Business Development: My Experience”*

4:05 Charles Ye, President & Founder, Acesys PharmaTech  
*“Acesys Approach to One-stop CRO Service-Drug Discovery Platform at China Medical City”*

4:30 Closing Remarks



## Tri-State CACS Officers (2009)

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