



華美化學與化工學會
Chinese American Chemical Society
(CACS)

**Chinese American Chemical Society
- Great Lakes Chapter
15th Annual Conference**

Sustainable Life Cycle and Green Processing

**May 14th, 2011
Hospira
Building H3
375 N Field Drive, Lake Forest IL**

CHINESE AMERICAN CHEMICAL SOCIETY
- GREAT LAKES CHAPTER
15th Annual Conference

Sustainable Life Cycle and Green Processing

Date: Saturday, May 14, 2011
9:00 am – 7:30 pm

Venue: Hospira, Build H3
375 N Field Drive, Lake Forest IL

Conference Contacts

President

Decai Yu, Ph.D., Northwestern University
Phone: 847-467-1653
Email: decai-yu@northwestern.edu

Conference Chair

Xianghui Liu, Ph.D., Abbott Laboratories
Phone: 847-938-3253
Email: xianghui.liu@abbott.com

Student Poster Session Chair

Wa Yuan, Northwestern University
Student Poster Session Chair
Phone: 847-491-3675
Email: wa-yuan@northwestern.edu

Registration

Registration Fee: Free.

Conference Dinner:

\$5.00/student; \$10.00/professional

Registration Options:

1. Conference and Dinner
2. Conference Only

To register, please go to greatlakecacs.org
On-site registration is also welcome

GLCACS Board of Directors

Dr. Norman N. Li, **Chair, Committee Advisor**, NL Chemical Technology Inc.
Professor Nien-Chu Yang, University of Chicago
Professor Charles T. Sih, University of Wisconsin
Professor Hung-Wen Liu, University of Texas
Professor George T. Tsao, Purdue University
Dr. Jane C. Li, **Committee Advisor**, NL Chemical Technology Inc.
Dr. Boh C. Tsai, Amerasia Technologies
Professor Harold H. Kung, Northwestern University
Professor Ralph T. Yang, University of Michigan

GLCACS 2011 Working Committee

Dagang Huang, Ph.D.	Abbott Laboratories
Decai Yu, Ph.D.	Northwestern University
Feng Shen	University of Chicago
Ken Hsu	Abbott Laboratories
Ling Ye, Ph. D.	Hospira
Lubo Zhou, Ph. D.	UOP LLC
Min Xie, Ph. D.	Hospira
Ming Zhong, Ph.D.	Abbott Laboratories
Na Yang, Ph.D.	Abbott Laboratories
Petersen Hasjim Ph.D.	University of Chicago
Pengfei Chen, Ph.D.	UOP LLC
Qing Jing, Ph.D.	Northwestern University
Robin L. Wang, Ph.D.	Abbott Laboratories
Wa Yuan	Northwestern University
Wei Pan, Ph.D.	UOP LLC
Xianghui Liu, Ph.D.	Abbott Laboratories
Xiaomao Wu, Ph.D.	Abbott Laboratories
Xiao Cai,	Abbott Laboratories
Yanqun Zhao, Ph.D.	Abbott Laboratories
Zhuoyang Lian	Abbott Laboratories

Chinese American Chemical Society - Great Lakes Chapter (GLCACS)
15th Annual Conference
Sustainable Life Cycle and Green Processing

May 14th 2011(Saturday) 9:00-19:30
Hospira, Build H3, 375 N Field Drive, Lake Forest IL

- 9:00-9:30** **Registration / Poster Mounting**
- 9:30-9:45** **Welcome**
Decai Yu, Ph.D., President, GLCACS 2011
Norman Li, Ph.D., Chairman of GLCACS Board of Directors
- 9:45-10:30** **Corporate Social Responsibility: Nice to do or right to do.**

James Hardy, Senior Vice President, Operations, Hospira Inc.
- 10:30-11:15** **The Macroeconomic Justification for Renewable Fuels:
Energy Security, the Environment and Rural Wealth Creation**

James Rekoske, Vice President for Renewable, UOP.
- 11:15-11:25** **Break**
- 11:25-12:30** **Poster Presentation Competition**
- 12:30-14:30** **Poster Paper Competition**
Career Counseling
Lunch Break
- 14:30-15:15** **Competitive Growth Planning**

Jamie Stacey, Director, HR, Abbott Laboratories
Tracy Steele, Senior Specialist, HR, Abbott Laboratories
- 15:15-16:00** **Improving Your Relationships Through Understanding Your Communication Style**

David Lum, Director, Asia/Pacific Regulatory, Motorola Inc.
- 16:00-16:15** **Break / Final Competition Ballot Casting**
- 16:15-16:30** **Poster Competition Award and Closing Remark**
- 17:30-19:30** **Dinner Reception (Yan's Hunan Inn)**

Plenary Presentations

Corporate Social Responsibility: Nice to do or right to do.

*Mr. James Hardy,
Senior Vice President
Operations
Hospira Inc.*

Abstract

Corporate social responsibility has been in our business language for years. Is it a driver of business results or a corporate mandate for compliance? From the shop floor to the board room we are all becoming more aware of the responsibilities we have in the area of sustainability. What strategy will we use to drive “green” practices to the pharmaceutical sector? Will industry drive it or will our customers demand it. Should we be an early adopter or is it better to adopt a wait and see mentality? Where does sustainability fall on your overall strategy and priorities?

Biography

James (Jim) Hardy serves as senior vice president, Operations, Hospira. In this role he is responsible for leading global operations, including manufacturing and operations strategy; supply chain; business alignment and integration; procurement; engineering and technical services; and environmental, health and safety.

Hardy previously held the role of corporate vice president, Supply Chain, where he was responsible for global supply chain operations, including demand and supply planning; strategic sourcing and procurement; materials and production planning; and transportation and distribution operations.

Hardy joined Hospira in October 2009 with more than 20 years of world-class supply chain experience. He came to Hospira from Dial Corporation, a subsidiary of The Henkel Company, where he was senior vice president, Supply Chain. In this role, his focus was on building a strong Supply Chain organization that significantly improved operational performance. Prior to Dial, Hardy held positions of increasing responsibility in Supply Chain and Manufacturing with Conagra Foods, The Clorox Company, and Procter & Gamble. Hardy brings enormous global exposure, including multiple general management roles in China and South Korea.

He earned a bachelor's degree in industrial engineering from the University of Florida, and served in the United States Navy's nuclear submarine program.

The Macroeconomic Justification for Renewable Fuels: Energy Security, the Environment and Rural Wealth Creation

*Dr. James Rekoske
Vice President & General Manager
Renewable Energy & Chemicals
UOP LLC, A Honeywell Company*

Abstract

Everywhere we turn, the price of oil and transportation fuels dominates our headlines. The average cost of gasoline in the US exceeded \$4 per gallon during April 2011, coming within striking range of record costs for fuels in 2008. More and more of our arable land acreage around the world is being devoted to corn and other sugar/starch-based crops in an effort to ramp up production of ethanol. The largest airlines in the world spend, on an average week, enough on fuel to be able to buy an Airbus A380 wide-body jet – that's a new wide-body jet every week!

All this occurs while – *perhaps in spite of the fact* – globally we are pumping more and more money every year into tax breaks and incentives for all forms of energy – petroleum exploration, production and refining and emerging energy sources are both feeding on these investments, though not at proportional rates. Is all of this continued investment worth it?

For renewable transportation fuels, we believe the answer is an unequivocal yes, and the goal of this presentation will be to convince the attendees that the investments – *at least some of them* – are being well spent. We will focus our discussion on the macroscopic trends which shape the balance of payments and power as they pertain to energy. With the basic macroscopic and macroeconomic drivers understood, the investment being made in “green” technologies is more easily understood and supported.

Biography

Jim Rekoske is Vice President and General Manager of the Renewable Energy and Chemicals business unit at Honeywell's UOP, a leading developer and licensor of technologies for the production of high-quality green fuels.

In his 15 years with UOP, Jim has held positions of increasing responsibility in areas ranging from research and development, marketing, customer service & sales support, and technology strategy. Previously, Jim served as the Technical Director for Petrochemical Catalysts and the Director of Technology for Universal Pharma Technologies, a former UOP joint venture focused on technology and services in pharmaceutical chemistry. Immediately prior to the current role, Jim provided strategic direction and management for research and development programs critical to the commercialization of new refining, petrochemical and renewable energy technologies.

Jim is the inventor or co-inventor more than 25 U.S. patents, with many additional patent applications pending, and is the author of more than 20 peer-reviewed scientific articles. He was recently awarded the

2010 Herman Pines Award from the Chicago Catalysis Club in recognition of his numerous technical breakthroughs in catalysis science.

He earned bachelor's and master's degrees in chemical engineering at the University of Wisconsin and a doctorate in chemical engineering from the University of Delaware. He also earned an MBA degree from the University of Chicago's Booth School of Business.

Competitive Growth Planning

Ms. Jamie Stacey
Director
HR
Abbott Laboratories

Ms. Tracy Steele
Senior Specialist
HR
Abbott Laboratories

Abstract

Why is growth planning important? Growth planning allows you to excel at your current responsibilities, prepare for what may come next in your job and to be ready when it is time to explore something new. This presentation will focus on knowing when you are ready for that next step in your career and how to compete when an opportunity presents itself.

Biography

Jamie Stacey joined Abbott in 1995 as a Discovery Chemist. In 2001, Jamie moved to Human Resources as recruiter. Jamie has held a number of leadership positions within Talent Acquisition including leading the recruiting function for Abbott's largest business, Pharma and leading the Global Operations group which is inclusive of Diversity, Inclusion and Compliance; Recruiting Technology, Process and Analytics; Employment Marketing; Global Sourcing; Global Vendor Management and Internal Search.

Currently, Jamie is responsible for doing the product and design work required to build and implement Abbott's integrated talent management solution.

Jamie received her B.S. degree in Chemistry from the University of Illinois, Urbana-Champaign and her M.S. degree in Chemistry from the University of Wisconsin-Madison.

Tracy Steele joined Abbott in 1998 and currently works in Talent and Development as a Senior Specialist, Professional and Management Development Programs (PDP). Tracy's responsibilities focus on the 8 Professional and Management Development Programs at Abbott as a consultant to identify program needs and solutions, facilitating (including growth planning, performance excellence and competency training), and leading the Abbott Development Programs Council.

Tracy has held a variety of positions at Abbott including HPD production, International Case Coordinator (Clara Abbott Foundation), Financial Consultant (Clara Abbott Foundation), and Training Specialist. Tracy has a B.A. in Management and Communications from Concordia University-WI.

Improving Your Relationships Through Understanding Your Communication Style

Mr. David Lum

Director

Asia/Pacific Regulatory, Product & Support Operations

Motorola Inc

Abstract

Do you sometimes feel that you can't connect with your boss or a co-worker? Communications is key to all relationships and in the building of relationships. If you understand who you are and how you communicate, you can manage your own style to optimize your way of communicating with others. This will improve your ability to "connect" with people. When your communications improve, not only do your relationships improve, but also you will achieve greater success in many things you do. This presentation will introduce a very quick way for you to assess yourself and others using the DiSC profile. The background of the DiSC tool will be shared. Once you understand yourself and how to read others, you can make adjustments in your style to improve your relationship. This presentation is for all Asian/Asian-American professionals, and any professional working in Corporate America.

Biography

David Lum is the Director of Asia/Pacific Regulatory, Product, and Support Operations for the Government & Public Safety business in Motorola Solutions. For approximately 28 years, David has worked in the land mobile two-way radio business and has extensive experience in a wide variety of markets and applications that use two-way voice and wireless data radio systems in mission-critical applications. David's work experience & responsibilities include product development, systems marketing, manufacturing, systems engineering, field engineering, project and program management, sales and engineering training, business development, product marketing, government regulatory affairs, and international operations management. David works extensively in the US and Asia/Pacific markets.

Prior to relocating back to Schaumburg in early 2003, David spent 5¼ years doing Business Development for Motorola's Asia/Pacific division, living in Singapore. David travelled frequently to many customer locations within Asia to promote radio systems, advised on design, spoke at technical conferences and seminars, presented to many senior level government officials, and educated customers and regulators on technology trends and applications. David also contributed to the industry by writing magazine articles that have been published internationally. One of the more interesting and unique credits in David's career is being the first Motorolan to enter into the Democratic People's Republic of Korea (aka North Korea) in 2001.

David has a Bachelor's of Science degree in Electrical Engineering from the University of Illinois at Urbana-Champaign and a Master's of Science degree in Management from the Lake Forest Graduate School of Management. In his spare time, David is a Business Professor teaching at the Lake Forest Graduate School of Management since 1993, teaching Project Management, Global Business & Cultural Diversity, and Effective Leadership to MBA students who are full-time working executives. David also served for 3½ years as President of the Asian Business Council, a twice award-winning employee-based

network inside Motorola. David also started two Toastmasters Clubs, served as President, and achieved the Advanced Communicator Bronze level. David also contributes his community service time towards the National Association of Asian American Professionals (NAAAP) as a senior advisory council member on the national level to help all Asians in the US to improve their professional career and leadership abilities through personal growth and leadership development. David is a frequent guest speaker, lecturer, and trainer on Asian affairs and leadership development.

Born and raised in the United States of America, David is married to his beautiful wife for over 28 years, has two great sons, and lives in the Chicagoland area. David's hobbies include aviation (where he is a licensed private pilot), reading, microcomputing, teaching, public speaking (on business, cultural awareness, career management, and leadership), movie-watching, and spending time with his family.

We appreciate the sponsorship from:



SPHERO™

Offering a full array of uniform polystyrene particles for biomedical and diagnostic applications

- Paramagnetic
- Plain Polystyrene
- Functionalized Polystyrene
- Protein Coated
- Fluorescent
- Colored Polystyrene
- Ferromagnetic

Spherotech 27845 Inna Lee Circle, Unit 101
Lake Forest, IL 60045
Tel (847) 680-8922
Fax (847) 680-8927

www.spherotech.com

The advertisement for Spherotech features a background of a grid of small, dark, circular particles. The text is white and black, providing a high-contrast look.



華美化學與化工學會
Chinese American Chemical Society
(CACCS)

GLCACCS 15th Annual Conference Parking and Driving Directions

Parking

All the parking lots surrounding the building H3 are free on Saturday.

Directions

Directions provided below are for Hospira Build H3. The main entrance of Build H3 is on the west side of the building.

Conference venue:

Hospira, Building H3, 375 N Field Drive, Lake Forest IL

Dinner restaurant:

Yan's Hunan Inn, 3900 Northpoint Blvd, Waukegan, Illinois 60085 Tel: 847.473.1660

From the North (via I-94)

1. Take **I-94 East** south to **Town line Rd (IL 60)**.
2. Go east on **Town line Rd (IL 60)** for 0.4 miles.
3. Turn **left** on **N Field Drive** Continue on **N Field Drive** approximately 0.4 miles. **Hospira Building H3** is at east of **N Field Drive**.

From the West/Northwest (via I-88, I-90 or I-190)

1. Take **I-88, I-90** or **I-190** east to **I-294 North**.
2. Take **I-294 North** to **I-94 West**.
3. Take **I-94 North** to the **Town Line Rd (IL 60)** exit.
4. Go east on **Town line Rd (IL 60)** for 0.4 miles.
5. Turn **left** on **N Field Drive**. Continue on **N Field Drive** approximately 0.4 miles. **Hospira Building H3** is at east of **N Field Drive**

From the West/Southwest (via I-55 or I-80)

Note: If taking **I-80**, go east to **I-55 North**

1. Take **I-55 North** to **I-294 North**.
2. Take **I-294 North** to **I-94 West**
3. Take **I-94 North** to the **Town Line Rd (IL 60)** exit.
4. Go east on **Town line Rd (IL 60)** for 0.4 miles.
5. Turn left on **N Field Drive**. Continue on **N Field Drive** approximately 0.4 miles. **Hospira Building H3** is at east of **N Field Drive**.

From the South/Southeast (via I-94, I-90, I-80 or I-57)

Note:

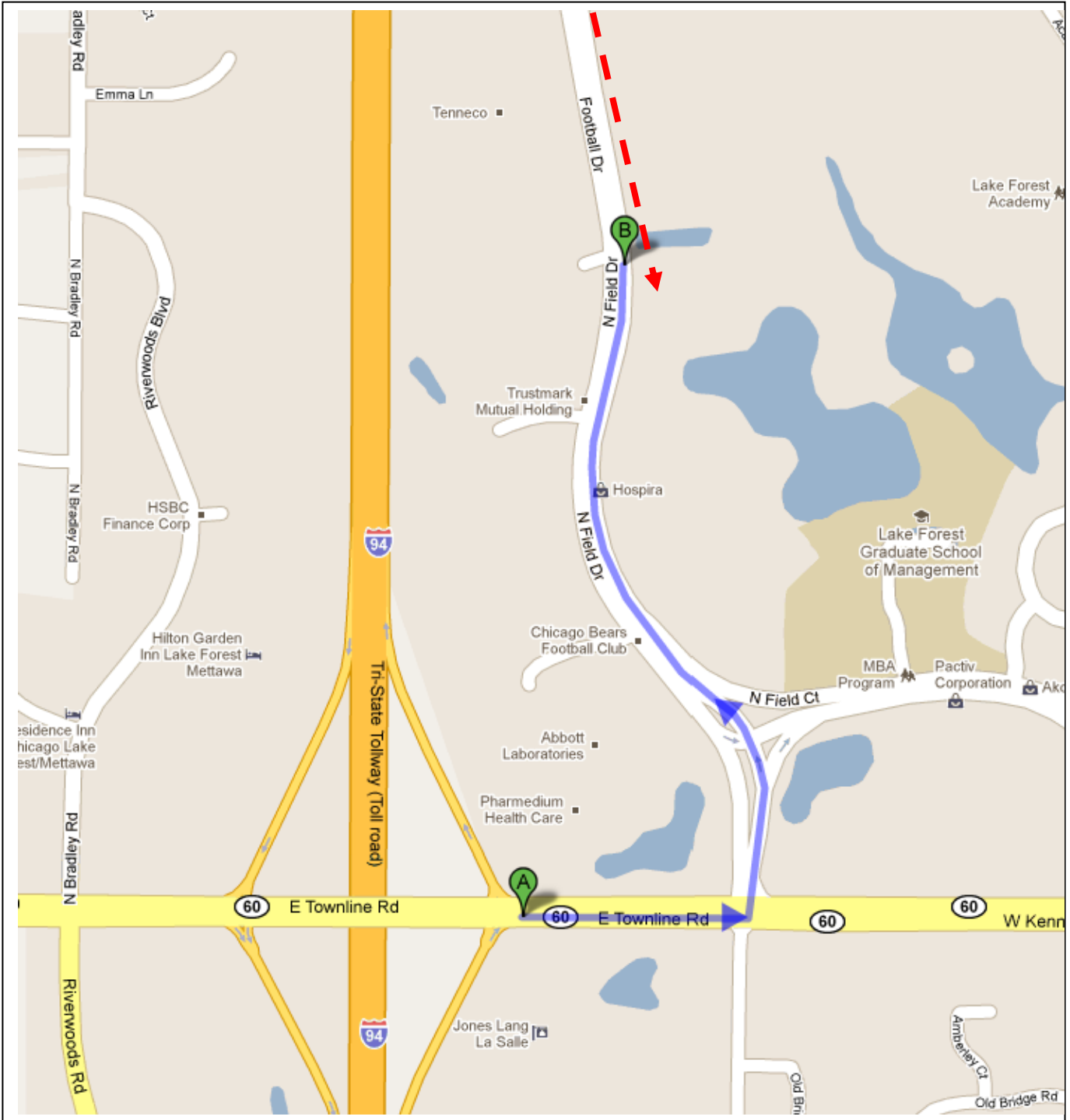
- If taking **I-80**, take **I-94 North** when it splits from **I-80** south of Chicago
 - If taking **I-57**, merge with **I-94 North** when **I-57** ends in south Chicago
 - If taking **I-90**, merge with **I-94 North** in south Chicago
1. Take **I-94 North**. **I-90/I-94** will split; bear **right** at the split and stay on **I-94 West**.
 2. Take **I-94 West north** to the **Town Line Rd (IL 60)** exit.
 3. Go east on **Town line Rd (IL 60)** for 0.4 miles.
 4. Turn left on **N Field Drive**. Continue on **N Field Drive** approximately 0.4 miles. **Hospira Building H3** is at east of **N Field Drive**.

Building H3



Conference Venue Vicinity Map

Hospira Building H3



Conference Venue Vicinity Map

From conference venue to dinner restaurant

Driving directions to Yan's Hunan Inn

3900 Northpoint Blvd, Waukegan, Illinois 60085 Tel: 847.473.1660

1. Head **south** on **N Field Dr** toward **Football Dr**
2. Take the 2nd right onto **W Kennedy Rd/E Towlne Rd**
3. Take the **I-94 N** to **Wisconsin**
4. Exit onto **IL-120 E/Belvidere Rd**
5. Take the **IL-43 S** exit toward **Lakehurst Rd**
6. Merge onto **Greenleaf Ave**
7. Turn left onto **Northpoint Blvd**. Continue for ~0.2 miles, Hunan Inn is on the north side of Northpoint Blvd

