

**ACS Local Section Annual Report Part IV
ChemLuminary Award Nominations**

Local Section: CHICAGO

Award Category: Local Section and Division Interaction Award

(Select a category from the list and complete a separate form for each entry)

Contact Person:

Name	Ken Fivizzani
Address	1601 W. Diehl Road Naperville, IL 60563
Phone	(630) 305-2032
Fax	(630) 305-2982
E-mail	kfivizzani@nalco.com

Description of Activity/Program: Please provide a synopsis of the activity/program and **state clearly, in 1,000 words or less, why the activity/program merits consideration** for this particular award. Only activities/programs that were held in 2007 are eligible for consideration. You may wish to include the following in your description: Name of Activity/Program; Date Conducted; Site/Location; Number of Participants. Please refer to the specific guidelines for each award. **Descriptions are limited to 1,000 words or less.**

Chicago Section Involvement in National Meeting Program Events: Members of the Chicago Section were very active in organizing and participating in several symposia in the technical program of the Chicago National Meeting in March 2007. Four such symposia were planned joint with divisions: 1) Chicago-area Chemical Industry and Government-Sponsored Laboratories (CHI joint with HIST, I&EC, PROF, and SCHB), 6 papers; 2) Chicago-area Colleges and Universities (CHI joint with HIST, PROF, and CHED), 6 papers; 3) Community College Led Advances in Undergraduate Education (CHED with CMA, WCC, and YCC), 9 papers; 4) High School Teachers Program (CHED joint with WCC), 8 papers. For the historical symposia 1 and 2, most of the presenters were section members as was the organizer. In the community college symposium, section members organized the session and presented some of the papers. Two section members organized the all day High School Teachers Program. All of these symposia fit in very nicely within the technical programs of the cosponsoring divisions. All were well attended and received favorable comments from those in attendance.

10:00 AM-12:00 PM Hyatt Regency McCormick -- 20C, Oral

Hog Butchers, Tool Makers, and Stackers of Wheat: Chicago-Area Chemical Industry and Government-Sponsored Laboratories

Organizer:		Kenneth P. Fivizzani
10:00 AM	48	Obiter Research LLC: Six years down the road William A. Boulanger
10:20 AM	49	Carbohydrate research at the USDA Laboratory in Peoria, Illinois Gregory L. Côté , Victoria L. Finkenstadt
10:40 AM	50	USDA, Agricultural Research Service: Research for the growing world Renée M. Wagner , Katherine M. O'Hara
11:00 AM	51	DSM Desotech: Pioneer in radiation curing technology Anthony J. Tortorello , Timothy E. Bishop
11:20 AM	52	Rise and fall of the Chicago white lead industry Alanah Fitch
11:40 AM	53	Still Nalco after all these years Kenneth P. Fivizzani

1:30 PM-4:15 PM Hyatt Regency McCormick -- 20C, Oral

Educating the Laughing, Stormy, Husky Youth of the Midwest: Chicago-Area Colleges and Universities

Organizer, Presiding:		Kenneth P. Fivizzani
1:30 PM	54	College of DuPage: Chemistry at a premier community college Susan Shih
1:55 PM	55	Founding of the Loyola University Chicago Chemistry Department Carl E. Moore
2:20 PM	56	Chemistry in an arts, media, and communications environment Charles E. Cannon
2:45 PM		Intermission
3:00 PM	57	IMSA: A unique experience for Illinois high school students Charles E. Cannon
3:25 PM	58	Learning and lecturing preferences: Description of an incoming PharmD class Robin M. Zavod , David P. Zgarrick, Chan Duong
3:50 PM	59	Martin Kilpatrick's chemistry legacy at IIT Peter Lykos

8:30 AM-12:10 PM McCormick Place North -- Room N230A, Level 2, Oral

Community College Led Advances in Undergraduate Education

Organizer, Presiding:		Thomas Higgins
8:30 AM		Introductory Remarks
8:35 AM	9	National Science Foundation: Funding opportunities for community colleges Eileen L. Lewis
8:55 AM	10	Introducing community college undergraduates to the world of research Sharon I. Lall-Ramnarine
9:15 AM	11	Improving organic chemistry students' rotation ability Heather M. Sklenicka
9:35 AM		Intermission
9:45 AM	12	Learning chemistry through cocurricular activities Mohamed Ayoub
10:05 AM	13	Challenges of an on-line chemistry class with labs Ratna Pankayatselvan
10:25 AM	14	The Numeracy Project: Phase II Caroline Geary, Tom Neal
10:45 AM		Intermission
10:55 AM	15	New renewable fuels teaching materials for general chemistry classes of all levels Stephanie L. Britton, Kenneth A. Walz
11:15 AM	16	Community college undergraduate research: You can do it! Susan Shih
11:35 AM	17	Establishing an interdisciplinary undergraduate research course at Oakton Community College Melodie Graber, Gary Mines, Carol Ward, Terry Trobec, Tom Firak, Kristy Shanahan
11:55 AM		Discussion

8:30 AM-12:00 PM McCormick Place North -- Room N228, Level 2, Oral

High School Teachers Program: Inquiring Minds Want to Know

Organizer:		Ami LeFevre
Organizer, Presiding:		Lee R. Marek
8:30 AM		Introductory Remarks
8:35 AM	48	Award Address (James Bryant Conant Award in High School Chemistry Teaching, sponsored by Thermo Fisher Scientific). Thirty-nine years of motivating and enjoying students Eleanor W. Siegrist
9:20 AM	49	Demonstrating carbonate chemistry from the pyramids to soda pop John J. Fortman
9:50 AM	50	Process oriented guided inquiry learning POGIL James N. Spencer, Patrick L. Daubenmire
10:50 AM		Intermission
11:00 AM	51	Demonstrations of the dead chemists society William C. Deese

1:30 PM-4:40 PM McCormick Place North -- Room N228, Level 2, Oral

High School Teachers Program: Inquiring Minds Want to Know

Organizer:		Ami LeFevre
Organizer, Presiding:		Lee R. Marek
1:30 PM	101	Eternal verities: How to make your students hate you less if not necessarily love you more George M. Bodner
2:20 PM	102	Celebrate Earth Day: Resources from the <i>Journal of Chemical Education</i> Mary E. Harris , Linda N. Fanis
2:50 PM		Intermission
3:00 PM	103	Redesign of advanced placement chemistry James N. Spencer
3:25 PM	104	Lowering students' activation energy for learning chemistry Lynn Hogue , Arlyne Mickey Sarquis

Please provide a 2-3 sentence abstract that describes your activity.

The Chicago Section organized four symposia that were cosponsored with divisions, primarily HIST and CHED. Two symposia focused on historical aspects of chemistry and chemists in the Chicago-area. The CHED cosponsored symposia addressed concerns and developments in community college and high school chemistry programs. These symposia took advantage of Chicago-area teachers who have taken a strong interest in maintaining science education of the highest quality.

Please include a photograph (digital preferred) that shows the event/activity in action. Photos from winning local sections will be displayed as part of the ChemLuminary Awards AV production.