

American Chemical Society

Form: Part II - Annual Narrative Report
Organization: Detroit
Year: 2007

A. Activities

Please describe and rank up to ten of your section's activities during 2007. Provide (a) the title of the activity, (b) a one paragraph description of the activity, and (c) an indication if this activity was new in 2007. If you wish to provide details beyond these paragraphs, please do so in Appendix 1.

Activity #1

a) Title: Girl Scout Chemistry Day at Belle Isle

On Saturday, November 17th, 189 junior Girl Scouts and 68 Troop Leaders or chaperones participated in the third annual Chemistry Day at Belle Isle . The Casino building at Belle Isle was bustling with activity as the Girl Scouts of the Metropolitan Detroit area learned about the role of chemistry in every day lives. The event was a large success, mostly due to the support of our volunteers and sponsors. Donations received from General Motors, Little Caesar s and the University of Detroit Mercy were crucial in making this event possible.

The Girl Scouts were enthusiastic as they took part in four activities for the day including a service project, a craft project, career session, and hands-on experiments. For the service project, the Girl Scouts used their creative talents to decorate holiday placemats. These placemats will be donated to a local charity, to be used at their holiday dinners. For the craft project, the girls used C&E News magazines and colored paper to make science career collages. As this year s National Chemistry Week theme was The Many Faces of Chemistry , the collages provided a nice tie-in.

Next, the Girl Scouts were exposed to a variety of careers available in the field of chemistry. Three great speakers shared information about their careers and the impact that science has on their professional lives. The speakers met with each group of Girl Scouts to answer questions regarding their careers. This way the Girl Scouts could determine why the speakers chose their profession and how they got started in their field. This year a poster session was added to this activity. They provided eye-catching detail on several careers in the chemical profession including forensic science, optometry, patent law, and various medical professions. The Scouts were given a list of questions that they had to answer about the posters. This provoked further discussions available in science.

The third activity for the day was the hands-on experiments. In this event, the volunteers utilize their backgrounds in science to communicate the importance of chemistry to our quality of life. While the girls are having fun creating messy goo-like

Description
(Please limit to
b) one paragraph): substances (Gluep and Slime), they are also learning about the importance of polymers. An experiment that used dry ice helped to explain properties of matter. In all, six experiments were demonstrated.

c) This activity was new in 2007

Activity #2

a) Title National Chemistry Week at Cranbrook

The Detroit section held two programs to celebrate National Chemistry Week. The first program was held at the Cranbrook Institute of Science on Sunday, October 21, 2007. More than 20 chemists from several area companies and universities along with student affiliate groups from University of Michigan-Flint and University of Detroit/Mercy participated. Attendance at the museum was ~300 people. The theme this year is the Many Faces of Chemistry . There were 9 different hands on experiments being conducted continuously for a 4-hour period. Children made slime from guar gum and Borax, made frescos with plaster and paint, and learned about the properties of dry ice. The student affiliate group from the University of Detroit/Mercy conducted 2 auditorium demonstrations ending with big bangs and lots of applause. The program was well received by the families participating and the museum staff. The enthusiasm of the volunteers always comes through to the children and shows chemistry is fun and interesting. We also handed out NCW bags, balloons, pencils, moles, periodic tables and magazines. The second program was a joint effort with our Minority Affairs Committee. The Chemistry Day at Belle Isle program for the Girl Scouts of Metro Detroit was held on Saturday, November 17. The program included a service project, a chemistry career information session, and seven hands-on experiments. More than 20 chemists from several area companies and universities along with student affiliates from University of Detroit/Mercy shared the joy of chemistry with the girls. Nearly 200 junior girl scouts participated and earned National Chemistry Week patches.

Description
(Please limit
b) to one paragraph):

c) This activity was new in 2007

Activity #3

a) Title Professional Development Conference

The Detroit, Toledo and Huron Valley Local Sections welcomed ACS members and non-members in the surrounding areas to attend a Professional Development Conference on Saturday, April 14, 2007 in the Chemistry Building of the University of Detroit Mercy in Detroit. This conference was aimed at chemists at any stage of their career. There was no fee for the conference. We were pleased to have Dr. Lisa Balbes as the conference s key presenter. In her morning presentation, Dr. Balbes conducted a workshop entitled "Managing an Effective Job Search". The workshop consisted of three one-hour sessions on

Targeting the Job Market, Resume Preparation, and Interviewing Techniques. In the afternoon, she presented the premiere presentation of a new workshop describing how to make a successful career transition, and non-traditional careers that other chemists have discovered.

In addition, we held a morning session hosted by Carole DePetro, Career Counselor and Life Coach, in a highly experimental, interactive presentation. This lecture explored clues found in participants personality, talents, and skills to help them gain tools to develop a clearer sense of where to utilize their skill set. She will also focused on how to overcome roadblocks such as fear. In addition, Ms. DePetro led the group through individual assessments and a brainstorming session. Materials were made available before and after the workshop.

We had participants from various parts of Michigan and Ohio, as well as Edmonton, Canada. Over a dozen volunteers from three local ACS sections came together to coordinate this event. Three companies offering positions were on site, with several others supplying job postings. Career resources were supplied by the National ACS and the State of Michigan. The day was made possible by a Local Section Activities Committee Innovative Project Grant, the Toledo and Huron Valley Local Sections and by donations from Midwest Analytical Services, Ash Stevens, ANACHEM, and The University of Detroit Mercy.

Dave Harwell from the National ACS visited Detroit for the conference and included it in an article he wrote for the Chemistry.org weekly newsletter for May 7, 2007. His assistance and feedback were appreciated by volunteers and participants alike.

Half-hour one-on-one resume reviews were available throughout the day by ACS Career Coordinators Dr. Diana Phillips and Dr. Robin Hood and local section leader Kurt Reimann.

A pizza lunch was provided, as well as refreshments throughout the day in the library. A speed-networking session was a lively and useful tool.

Positive Feedback from the day included the self-assessment workshop, the one-on-one resume reviews, the speed-networking ice-breaker, and the ACS workshop/ world premiere of Alternate Careers for Chemists by Dr. Lisa Balbes.

Description

(Please limit

b) to one paragraph):

c) This activity was new in 2007

Activity #4

a) Title: US National Chemistry Olympiad

2007 marked the twenty-third consecutive year of Detroit Section participation in the US National Chemistry Olympiad program, organized locally by the section s Education Committee. Although student participation was down slightly, the Local Section Exam set a new Detroit Section record with twenty-nine participating schools. Highlights of the Olympiad program are listed below.

" The General Motors Corporation provided generous financial support of the Olympiad program. The funds were used to provide cash prizes to the twelve Nominees and the eight Runners-up.

" The Education Committee hosted informal training

sessions for the student participants on March 10. The training sessions were organized by Christine Diehl of Belleville High School and run by area high school teachers.

" The Local Section exam for the Chemistry Olympiad was administered to 184 test-takers on March 22 on the campus of the University of Michigan-Dearborn. While the test was in progress, the teachers attended a meeting cosponsored by the Education Committee and the Southeast Michigan Chemistry Teachers Organization.

" For 2007 the Section was permitted to select twelve Nominees to sit the National Exam; a complete list of the Nominees, their schools and teachers is shown below.

NOMINEES

Name	High School	Teacher	Hometown
Sunil Agarwal	Troy High School		Troy
Corey Everlove	Troy		William Hevel
	Athens		
Temple He *	Troy High School	Jane Marie Moss	Troy
Sneha Inguva	International Academy		William Hevel
Roger Jia	Groves High School		Troy
Jordan Kent-Bryant	Grand Blanc High School		Brad Davies
Dave Montague #	Brighton		W. Bloomfield
Jardins	Brighton High School		Marla Falluca
Alan Pezeshki %	Athens High School		Grand Blanc
Corey Rapala	Grosse Pointe North H.S.		Yasmeen Youngs
Asra Shaik *	Novi High School		
Albert Tang #	Northville High School		Rick Des
Ruixiao Zuo #	Novi High School		
	Hanson/Helmkamp		

Nominee, 2006

* Runner-up, 2005, Nominee 2006

% Runner-up 2006

" The twelve Nominees reconvened on April 20 for the National Exam. Following this grueling four and half hour exam, the Nominees, their families, and their teachers were guests of the Detroit Section at the annual Awards Banquet. The program featured a talk by emeritus Prof. Richard S. Norman of the University of Michigan-Dearborn. The Nominees received plaques and cash prizes at the Awards Banquet; Novi High School again received the Olympiad Achievement Award for having the highest average score on the Local Section exam.

" We are pleased to note that seven of the Section's twelve Nominees earned High Honors or Honors on the National Exam.

" Olympiad Coordinator Mark DeCamp continues to serve on the national Olympiad sub-committee; he attended the annual meeting in Washington in September.

" Planning is currently under way for the 2008 Olympiad. Funding has been obtained to continue the

Description
(Please limit

tradition of cash prizes for the Nominees and Runners-up.
b) to one paragraph):

c) This activity was new in 2007

Activity #5

a) Title Kids & Chemistry Outreach

2007 was another great year for the Detroit Section 's Kids & Chemistry program. In a year in which a major chemical employer in the area (Pfizer) made dramatic cuts in their staffing, we successfully recruited new volunteers and continued our program to engage student-affiliate groups from area colleges and universities. In addition we continued to experiment with new event venues/formats. The Detroit Kids & Chemistry program is led by a group of five co-chairs: Denise Grimsley, Mary Kay Heidtke, Gina Ludwig, Felix Schneider, and Walter Siegl, and is supported by a group of excellent volunteers who numbered more than 70 in 2007. Our highlights included:

" On March 7, we began the 2007 program year with our 4th annual participation in the Career Choices program directed at high school students in Royal Oak, MI. Our volunteers provided interviews to more than 100 students while they passed out ACS career literature to the large number of students attending.

" We are extremely grateful for a generous grant from Henkel Corporation s Make an Impact on Tomorrow (MIT) Children s Program. The \$3,250 award is the largest award ever received by Detroit Kids & Chemistry and will help us to extend our outreach program in the coming year. Our special thanks to co-chair Gina Ludwig for her work in obtaining this grant.

" On May 3, Kids & Chemistry participated in the Rouge Water Festival held at the University of Michigan-Dearborn for the 9th consecutive year. We hosted 10 classes with a total of 270 5th-grade students, the largest number in several years. We received positive feed back from both kids and teachers. One teacher reported that she had been bringing her class for the last 5 years and that our presentation was always the best. Our hands-on experiment on acid-rain was followed by a lively discussion on what students can do to help reduce acid rain.

" On May 16th, we experimented with a new event at Highmeadow elementary school. The evening program coincided with the students science fair. While half of the students participated in our hands-on experiments, Emil Lozanov of Wayne State University performed his Chemistry of Magic show. The students then switched activities. Approximately 200 students and their parents participated with great enthusiasm. We were immediately asked to return in 2008.

" On July 7th, Kids & Chemistry made its 9th annual appearance at what has been renamed the Detroit

CityFest. We had a very successful afternoon with approximately 250 children and adults participating in our 3 hands-on experiments which ran from noon until 6:00. The kids had a great time and their parents and grandparents seemed to appreciate us too. We carried out about 750 individual experiments not a bad afternoon!

" On September 13th, Kids & Chemistry participated in the Oakland County Rouge River Water Festival at Cranbrook Science Institute. It was another great success. This was the fifth year that we participated. Our seven volunteers helped several classes of 5th grade students learn how chemistry helps determine the quality of water. The students carried out their own hands-on determine of the acidity and basicity of 12 different household solutions and various natural water samples. The experiment was followed by a lively discussion of how human activity impacts natural sources of water.

" On October 21, Kids & Chemistry volunteers supported an exciting National Chemistry Week event held at Cranbrook Institute of Science. The NCW coordinator for Detroit is Kids & Chemistry co-chair, Denise Grimsley. Ten different hands-on experiments were conducted with children of all ages. An enthusiastic response was received from the kids. Twenty volunteers supported the program, including many first-time volunteers.

" On Saturday, November 17th, our Kids & Chemistry participated in the Detroit Section s 3rd annual Chemistry Day for the Detroit area girls scouts. The overall program was led this year by Kids & Chemistry co-chair Mary Kay Heidtke and several other K&C regulars helped with the leadership. Our volunteers helped to facilitate the six hands-on experiments which each of the 200 scouts in attendance carried out. The emphasis was on raising awareness of the many facets of life that are impacted by chemists and chemistry as well as delivering the message that chemistry can offer interesting and viable career options for women and minorities.

In Detroit, one of the most important functions which Kids & Chemistry carries out is to bring formerly passive ACS members into active membership. It has been particularly effective in bringing younger members into active Section membership, and it also affords an avenue for interaction between Section members and local student affiliates. Kids & Chemistry events are extensively publicized in the Section newsletter, on the Section website and through e-mail announcements to a list with over 100 addressees. Invitations to participate are extended where ever possible and new volunteers are provided with an attractive Kids & Chemistry polo shirt to wear to future events.

As we review our Kids & Chemistry program for 2007, we are pleased with our accomplishments and we look forward to another great year in 2008.

Description
(Please limit
b) to one paragraph):

c) This activity was new in 2007

Activity #6

a) Title: Project SEED

Program Duration: 8 Weeks

Solicitation process

- Over 45 applicants for four positions
- 18 candidate interviews held at Wayne State
- Offers tendered to fill the five positions
 - Sheniece Greene: Cass Technical High

School

NaKisha Rutledge: Renaissance High

School

Rashid Echols: ML King High School
 Tenria Townsend~: Pershing High School
 Shuntaye McKinney^: Mumford High

School

(~) Denotes Graduated

High School Senior

(^) Denotes not

eligible to return

Funding structure

- Due to the efforts of James Landis, this year s program was able to disburse preceptor rebates via a grant from Henkel.
- Mary Kay Heidtke, did a great job getting the program checks processed.
- Currently, all checks from ACS National have been received.
- Both ACS-national and BASF increased funding to this year s program.
- BASF Community Activities Committee awarded another Book Scholarship: Jasmine Bentley, a two year, Project SEED student (Freshmen at Michigan State University). Ms. Bentley plans to pursue a business degree with a minor in chemistry.
- Similar to last year, a student was placed at the University of Michigan Ann Arbor, which cause an increase in the program budget that was addressed by additional funds provided by the preceptor as part of a NSF NIRT (Nanoscale Interdisciplinary Research Teams) grant.
- No tax were taken from student stipends, but were withheld for the project coordinator covered by NIRT grant.

Program structure

- Two weeks student prep for their lab experience
- Morning sessions: science sessions, Chemistry, Physics, & Biology as teaching and lab assistants (T & Th)
- Morning sessions relative to developing research skills presentation (Transition from High School to College & Time Management), college admission, & how to research scholarships.) (W)
- Morning sessions SEED students served as peer mentors for the WSU Upward Bound Science components (T & Th).
- Afternoon session research at University of Detroit- Mercy, University of Michigan-Ann Arbor, Wayne State University
- 2007 Preceptors: David Benson (WSU), Ted Goodson (U of M), Claudio Verani (WSU), Howard Matthew (WSU) & David Bartley (UDM).
- Stipends all paid on time.
- All students involved in research effort submitted final paper, which were sent to national.

- Field Trips: Campus visits to University of Michigan-Ann Arbor, WSU Chemistry Research Symposium and Michigan State University, WCCCD Dual enrollment presentation.

Eligibility

- Three of the five students are eligible to return next summer (2008) at level II status.

Special Thanks to James Landis of Henkel, Yolanda Watts of BASF for taking the lead relative to funding at their companies as well as the Detroit Professional Chapter of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE) for their assistance in the interviewing and selections process of the above students. Lastly, thanks to Ted Goodson for his support via his NIRT grant.

Final Research Papers Project SEED 2007

Name/Preceptors	Title
Sheniece Greene the Maltose Binding David Benson	The Purification of Protein (MBP)
Nakisha Rutledge of Citosan Fiber Scaffolds for Howard Matthew Interstitial Cells	Development Culture of Valvular
Tenria Townsend Esters of Anti-folate David Bartley Chemotherapeutic Agents	Synthesis of Prodrug
Shuntaye McKinney Investigations of the Dielectric Response of BaTiO ₃ Ted Goodson with Polyaniline Nanocomposites from Summer 2007	Encapsulated Continuation
Rashid Echols Analysis of Metallodrugs Claudio Verani and Metallosurfactants	Synthesis And

Budget Projections: Project SEED 2008

(Five Participants & Preceptor Rebates)

In terms of some rough numbers, if we are looking at five students. Two students are eligible to return

2 @ \$2,500 = \$ 5,000 SEED
Level - I

3 @ \$3,000 = \$ 9,000 SEED
Level - II

5 @ \$500 = \$ 2,500
Preceptor rebates

Total \$16,500 - \$14,000 (No rebates) ACS-national
support: at least \$7,000

The cost will go down depending on the number of
returning students.

The above figure is the worst case scenario in terms
of not receiving any outside support. This year
national support was slightly more than half.

Perhaps
this was due to the increase in stipend. Financial
allocations from BASF, U of M & Henkel definitely
impacts next year's.

Respectfully submitted
13 Nov 07

List of ACS Detroit Section: Project SEED Students
Over the Past 15 years
(1992 - 2007)

	Name	College/School	Major
1.	Kasuan Watkins (1st)	NA	NA
2.	Brandon Knox (1st & 2nd)* Business	Wayne State	
3.	Terica Holston (1st, 2nd & 3rd)* Chemistry	Wayne State	
4.	Geoffrey Young (2nd & 3rd)* Education	UDM	
5.	Muneka Townes (2nd)* Chemistry	U of M	
6.	ManSon Williams (3rd)* Engineer Western		Chem.
7.	Jason Andrews (3rd) Science Ed.	Wayne State	
8.	Mikah Binion (4th & 5th) Education	Michigan Tech.	
9.	Josef Cadwell (4th)* Chemistry	Wayne State	
10.	Tyran Christian (4th)* Chemistry	Wayne State	
11.	Salika Whitfield (4th & 5th)* Biochemistry	Michigan State	
12.	Lakisha Johnson (3rd & 4th)* Lewis College		NA
13.	Phillip Caldwell (5th)* Engineer North Carolina		Chem.
14.	Tiffany Oliver (5th)* Biochemistry	U of M	
15.	Kennith Williams (5th) Chemistry	Wayne State	
16.	De Andre Davis (5th)		NA
17.	Olushakin Olojo (6th)* Wayne		ChE
18.	Hugh Freguson (6th)* Engineering	U of M	
19.	Jade Dobbins (6th)*		

	Biology		
		Spellman	
20.	Duane Wilson (6th)*		
	Chemistry		U of M
21.	Candace Shepherd (6th, 7th & 8th)*		ChE
		Western	
22.	Chinyere Knight (7th, 8th & 9th)		
	Chemistry		Howard
23.	Martina Sanders-Spight (7th, 8th & 9th)*		
	Chemistry**		Emory
24.	Maya Cadwell (7th & 8th)*		
	Biology		
		U of M	
25.	Sherrise Butler (7th)*		
	Chemistry		Columbia
26.	Godwin Iduma (9th)*		
	ChE		Michigan Tech
27.	Angela Dozie (9th, 10th & 11th)		
	Nursing		Wayne State
28.	Ebony Pitts (9th)		
	NA		Wayne State
29.	Kimberly Golden *(9th)		Pre-
med			
		GVS	
30.	Vincent Iduma (9th, 10th & 11th)*		
	Chemistry**		Mich Tech
31.	Amina Wellons (10th)*		Psych
		Clark-ATL	
32.	Chavell Scott (10th & 11th)		Pre-
med			
		Xavier	
33.	Mark Fleming (10th & 11th)		
	Business		Wayne
State			
34.	Othalene Collins (10th & 11th)		ECE
		Western	
35.	Christian Anderson (11th)		
	NA		Olivet
36.	Herman Bolden (12th & 13th)		ECE
		Wayne State	
37.	Roza Hassen (12th, 13th & 14)		
	Biochemistry		Wayne State
38.	Mashkir Husain (12th)		
	Biology		Wayne State
39.	Crystal Martin (12th)		
	Sports		
Medicine		Michigan State	
40.	Sumaiyah Mu'Min (12th)		
	Biology		Wayne State
41.	LaTisha Burrell (13th)		ECE
		Tri-State College	
42.	Jerrard Adams (13th & 14th)		
	Business Adm		Wayne State
43.	Sheterra Redd (14th)		Senior
		Cass Tech	
44.	Jasmine Bentley (13th & 14th)		
	Business Ad,m/Chemistry		Michigan
State			
45.	Shuntaye McKinney (14th & 15th)		Senior
		Mumford	
46.	Sheniece Greene (15th)		Senior
		Cass Tech	
47.	NaKisha Rutledge (15th)		Junior
		Renaissance High	
48.	Rashid Echols (15th)		Senior
		ML King	
49.	Tenria Townsend (15th)		Pre-
Pharm		Oakland Univ.	

Description

UDM denotes - University of Detroit-Mercy
 U of M denotes - University of
 Michigan
 Western denotes - University of Western Michigan
 * denotes students who have graduated

(Please limit
 b) to one paragraph): ** denotes ACS National Project SEED Scholarship Recipient

c) This activity was new in 2007

Activity #7

a) Title: Education Committee Activites

1 January The Committee nominated Southfield High School chemistry teacher Rachel Badanowski for the ACS Central Regional Award for High School Chemistry.

2 January The Committee updated its mailing list to streamline contact with area high school teachers and save the Local Section money. The Committee finalized and adopted its mission and vision statements to describe its annual work:

Mission: The Education Committee of the Detroit Local Section of the American Chemical Society exists to improve the practice and process of chemistry education in the Metropolitan Detroit Area.

The means by which the Committee realizes this mission includes, but is not limited to the following:
 § Acting as a liaison between the ACS, college, and high school community, especially through the Michigan Science Teachers Association (MSTA), the Metropolitan Detroit Science Teachers Association (MDSTA) and the Southeastern Michigan Chemistry Teachers Organization (SEMCTO).
 § Fostering professional growth in chemistry through sponsorship of professional development activities and funding independent teacher development initiatives.
 § Promoting the study of chemistry through the local Chemistry Olympiad Exam.
 § Acting as a clearinghouse for chemical information and events in the Metro Detroit area.
 § Rewarding and recognizing excellence in chemistry education.

10 February The Committee arranged for a High School Chemistry Teacher professional development day at the Traffic Jam and Snug Restaurant (Detroit, MI). The highlight of the day was a tour of the beer- and cheese-making facilities. The tour began with a walk through the circuitous passages in the back of this historic restaurant, leading to the area where beer and cheese alike are made. A master cheesemaker detailed that the restaurant may have the only facility in the United States that processes beer and cheese using the same equipment although not at the same time! He went on to describe the beer brewing process from mashing and sparging to boiling and fermentation. Interesting facts gleaned from this portion of the tour were that hops are only added for beer flavor, and are somewhat of a tradition only (they are not chemically part of the brewing process, but they imbue an antibiotic effect and balance bitter

with sweet taste) and that the type of yeast and length of fermentation time control the type of beer that will be generated, from ale and lager to lambic and stout. The talk then turned to cheesemaking. In reference to the point above, the mashing step of making beer and acidification step of making cheese can take place in the same stainless steel vessel. Local Section members were interested to learn that all cheese is white, due to the contents of cow s milk, and that coloring is primarily used to tell batches of different cheeses apart. Many questions were answered such as what did you study in college?

(film and finance) and do you need a license to make cheese in Michigan? (yes). When the tour came to a close, members were treated to crackers, three types of cheeses and a pitcher of beer. However, this wasn't enough for many, who stayed and had lunch in the restaurant portion of the building after the tour.

10 March The training session for the US National Chemistry Olympiad was held at the University of Michigan-Dearborn. Students from areas high schools who had signed up attended to learn from teachers (committee members) who had been involved with the Olympiad in previous years. Close to 100 attendees were present.

22 March The US National Chemistry Olympiad, Local Section Exam was held at the University of Michigan-Dearborn. Approximately 130 students attended. Award winners of last year s Professional Training Enhancement Grants gave seminars to the other teachers while their students took the examination.

13 April The Committee received applications for the Professional Training Enhancement Grant, sponsored by the Detroit Local Section. The awards were given to Detroit-area high school teachers to further their professional education. Five awards were given out in amounts of \$75 to \$600. Also, the National Exam of the National Chemistry Olympiad was administered by Prof. Mark DeCamp of the University of Michigan-Dearborn, with help from Prof. Tony Sky, of Lawrence Technological Institute.

23 May The Committee awarded certificates to outstanding Metro Detroit undergraduate students at the annual Local Section and Canadian Institute of Chemists banquet at the University of Windsor, Ontario.

6 June The Committee marked the end of another academic year with a celebratory dinner for all members at Sweet Lorraine s Restaurant (Southfield, MI) paid for by the Detroit Local Section.

6 September The Committee met for the first time in the fall semester and formalized the chemistry calendar, which was then sent out to almost 500 high school teachers throughout the Metro Detroit area.

19 October The Committee attended the Metro Detroit Science Teachers Association 66th annual meeting and National Science Teachers Association Northern/Midwestern Area Conference in held in Detroit, MI.

21 October The Committee volunteered at Detroit Local Section National Chemistry Week activities at the Cranbrook Institute of Science (Bloomfield Hills, MI).

1 November The Committee began the process of establishing its own website. The primary uses for the site will be to advertise the annual professional development day and PTEG applications. We hope to implement these plans in 2008.

6 December The Committee is in the process of planning next winter's high school chemistry teachers professional development day at the Ford Rouge Factory

Description:
(Please limit to
b) one paragraph):

Tour (Dearborn, MI). The tour and talk will focus on the green aspects of the factory.

c) This activity was new in 2007

Activity #8

a) Title: Recognition Events

Every year the Detroit Local Section of the American Chemical Society honors members that have gone above and beyond the call of duty. These volunteers have taken time and energy out of their busy schedules to provide assistance and resources to the Section in various roles. The awardees were honored at the Annual Awards Meeting (held jointly with the Canadian Institute for Chemistry) at the University of Windsor in Windsor, Ontario.

Salutes to Excellence is an award program that gives ACS members an opportunity to conduct an event within their communities that recognizes the positive impact on everyday life made by a product of chemistry, a practitioner of chemistry, or a place of importance in chemistry. A central part of the event is the presentation of a commemorative plaque, furnished by Office of Community Activities, for the honorees for the chemistry achievement being honored.

Salutes to Excellence Recipients 2007
Emil Lozanov, Wayne State University
Megan Klein, Ash Stevens Inc.

The Distinguished Service Award was established in 1978 to honor members for long and meritorious service to the Section. Candidates for the award are nominated at a regular Executive Board meeting and elected Board members determine the recipient. The recipient will receive a plaque from the Section.
Distinguished Service Award Recipient 2007
Megan Klein, Ash Stevens Inc.

Past Chair Award
Mark Benvenuto, University of Detroit Mercy

Our Kids & Chemistry program regularly provides reports on its programs in the Section newsletter and in these reports acknowledges the names and professional affiliation of each volunteer. In addition, the Section periodically runs biographical profiles of some of its most active volunteers in its newsletter, The

Description:
(Please limit to

b) one paragraph): Detroit Chemist.

c) This activity was new in 2007

Activity #9

a) Title: Joe Schwarcz Lectures

May 19, 2007 This was a combination YCC, Education Committee and Student Affiliates event sponsored through the ACS Science Café grant. "Dr. Joe" presented two talks on Science in the Public Interest.

The first was about food and nutrition. The second detailed his 30 years as Director of the McGill University Office for Science in Society and his weekly radio show. Both events, although they could have had better attended, were extremely well-received and the Detroit Local Section plans to do another Science Café in the future.

http://en.wikipedia.org/wiki/Joseph_A._Schwarcz

<http://oss.mcgill.ca/schwarcz.php>

Description: http://www.nist.gov/public_affairs/bestpractices/Schwarcz.htm

(Please limit to

b) one paragraph):

c) This activity was new in 2007

Activity #10

a) Title: Environmental Awareness

Two pamphlets were created by the Detroit Section and have been distributed in the Detroit Metro Area. The first pamphlet is on appropriate battery disposal, and the second is on disposal of expired/un-used medicine.

Description:

(Please limit to

b) one paragraph): publicized in our newsletter, The Detroit Chemist.

c) This activity was new in 2007

B. Summary - Overall Section Activities

Please summarize in *1,000 words or less*, the activities of the section in 2007 which have not been already described. Outstanding events should be described in some detail and appropriate attachments included in Appendix 3. Programs described here may be featured in publications produced by the ACS Membership Division and/or at the Local Section Leadership Conferences.

Our Careers Committee went above and beyond this past year, setting up an informal state-wide network of

ACS sections to help in placing chemists who were displaced by the closing of the Pfizer facility in Ann Arbor. The career fair we hosted in April brought in numerous companies, the local Food and Drug Administration office, and information from the Michigan Department of Labor and Economic Growth. People looking for jobs who attended the fair came from across the state, and from as far away as Saskatchewan.

Our US National Chemistry Olympiad Committee and our Education Committee have again ensured an excellent turn out by local area high schools for the USNCO exam. Our Education Committee continues its fine tradition of hosting professional development for high

school teachers, and continues to work with local educational organizations.

We held an evening event a lecture -- in the St. Clair Shores and Port Huron area, to the east of Detroit, in an attempt to bring more benefits of section membership to members who are in the section, but far from its center.

The section also produced championship rings, through Jostens, because we had been awarded the Outstanding Section for the medium large category for the past year. Members who wished were able to purchase a ring directly from Jostens. The rings were available in men s or women s styles, and in 10K gold or in Jostens alloy, lustrium.

The Detroit Section remains in solid financial health, with a Long Range Planning Committee and a Trustees Committee in place to oversee the proper use of our existing funds.

C. Local Section and Chair Goals

2007 Goal Attainment. The Local Section Activities Committee strongly encourages local section planning. As a result, the 2007 local section annual report should follow-up on the attainment of goals. Please list the goals you set at the beginning of your term for your section and yourself, and report on the attainment of the goals.

a) **Local Section Goals and Assessment:**

Listed under "2007 Chair's Goals and Assessment"

b) **2007 Chair's Goals and Assessment:**

The following goals were met:

1. to have an event in the St. Clair / Port Huron sub-section.
2. to continue producing some item that raises environmental awareness. This year, a pamphlet on proper battery disposal or recycling was created.
3. to continue the level of activity the section had in the previous year. This was exceeded, especially in our Careers Committee hosting the tri-sectional career fair, and in our Kids and Chemistry Committee involvement in so many events with the public.

The only failure to meet a goal in 2007 was related to one I (the chairman) set. I wanted to host a speaker from a university in a sister city to Detroit, and was unable to do so. Turin, Italy, is a sister city to Detroit, and has a university with a large chemistry department. We may still pursue bringing in a speaker from there in the next year.

2008 Goals. (This section should be completed by the 2008 local section chair.) Please list below at least three goals that you and your local section plan to accomplish during your term as local section chair.

a) **2008 Local Section Goals (Include at least three goals):**

1. The Detroit Section intends to enhance its website to continue communication and marketing of the Section. This may include developing a technology committee that would consist of participation from current subcommittees such as publications, website and public relations. The new enhancements would allow other committees more access to publish information on events, recognition and

supporting documents.

2. The Career Program Committee intends to further develop both local and regional contacts to assist people searching for career information while continuing to offer career programs and materials to Section members.

3. The section plans to contact 6-8 of the larger employers of chemists/scientists in the Detroit area to acquire data on potential members and survey area chemists on potential programming and material that the Detroit Section could offer to our membership.

b) 2008 Chair's Goals:

1. The chair intends to continue to offer and promote environmental chemistry programming or green-related activities within the section in response to requests of a recent Section member s survey. The Detroit Section has produced pamphlets designed to raise awareness about the proper disposal of old medicines and electronic equipment and distributes these at section events. The chair intends to continue updating and expanding the distribution of these materials through the Sections website.

D. Suggestions/Concerns

List any suggestions you have for the Local Section Activities Committee (LSAC). How can LSAC specifically help your section?

The innovative program grant program should be re-examined. If a section comes up with an innovative program that is successful, it makes sense to repeat it. But with most sections, the limitations in financial and person-power means that if you repeat it you forgo the innovation grants. On the other hand, if you pursue the grant, you ignore a proven winner. The program as currently constituted puts most local sections in a catch-22. Why doesn't LSAC come up with a program that better serves its constituency? If we come up with an innovative program, we should be able to get funding for additional years.