

American Chemical Society

Form: Part II - Annual Narrative Report **Optional for EZ Submission**

Organization: Detroit

Year: 2005

A. Activities

Please Note, Formatting codes are specific to the application that you are using, most formatting (including bolds, italics, bullets, etc.) will not be retained by SOLAR. If your document contains bullets, you may wish to replace them with an asterisk or a dash. Please describe and rank up to ten of your section's activities during 2005. Provide (a) the title of the activity, (b) a one paragraph description of the activity, and (c) an indication of which ACS Strategic Thrusts. Please refer to the end of this section for a listing of the ACS Strategic Thrusts or see Part I, questions 3-8. If you wish to provide details beyond these paragraphs, please do so in Appendix 1.

Activity #1

a) Title: National Chemistry Week

The Detroit section held two programs to celebrate National Chemistry Week.

The first 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, October 15. The program included a park clean-up service project at Belle Isle, along with chemistry career information, and ten hands-on experiments. More than 20 chemists from several area companies and universities along with student affiliates from University of Detroit/Mercy (over 40 volunteers in total) shared the joy of chemistry with the girls. Over 250 junior girl scouts and chaperones participated and earned National Chemistry Week patches.

The second program was held at the Cranbrook Institute of Science on Sunday, October 16, 2005. We had 25 chemists from several area companies and universities along with student affiliate groups from University of Michigan-Flint and University of Detroit/Mercy represented. Attendance at the museum was ~300 people. There were 12 different hands-on experiments conducted continuously for a 4-hour period. The theme this year was "The Joy of Toys" and several of the experiments dealt with the chemistry of toys. For instance, the children made slime from guar gum and Borax and launched "dry-ice" rockets. The student affiliate group from the University of Detroit/Mercy conducted two auditorium demonstrations ending with big bangs and lots of applause. The program was well received, as usual, by the participants and the museum staff. The enthusiasm of the volunteers always comes through to the children and shows them that chemistry is fun and interesting. We also handed out NCW bags, balloons, pencils, moles, periodic tables and magazines.

Description
(please limit to
b) one paragraph):

c) Which Core Strategy(s) does this activity support? (Please refer to the List of Core Strategies)

1 2 3 4 5 6

This activity was new in 2005

Activity #2

a) Title Kids & Chemistry

2005 was another great year for the Detroit Section's outstanding Kids & Chemistry program. We recruited a number of new volunteers, engaged the participation of student-affiliate groups from four different universities, and continued to experiment with new event venues/formats. Our highlights included:

* March we participated in the Career Choices program at Kimball High School in Royal Oak, MI. More than 300 middle school and high school students picked up material from our booth and our volunteers gave approximately 50 one-on-one interviews with interested high school students. This was our second appearance at the event and we were extremely pleased with the results.

* In April and May, some of our volunteers put on programs on acid rain at Northwood Elementary School in Royal Oak (27 fourth grade students participated) and on chemical change at Almont Elementary School (30 students participated).

* In May we made also our 7th annual appearance at the Rouge Water Festival on the U. of Michigan-Dearborn campus. Eighteen volunteers participated in a very successful program; we did a hands-on acid-rain experiment followed by a lively discussion on what students can do to help reduce acid rain. Six classes of 5th-graders with approximately 180 kids participated.

* On July 2nd we made our 7th annual appearance in downtown Detroit at the Comerica TasteFest. We had great weather and one of the best turn outs of kids that we ve ever had. Except for one brief span, we had a steady stream of kids engaged in our hands-on experiments for the entire six hours. A rough estimate puts the number of kids at 300 for each of the three experiments that we ran, for a total of about 900 experiments! As always, we get a great deal of enthusiasm from the kids, as well as their parents and grandparents.

* In September, we had another successful water festival! This one was at Cranbrook Institute for Science; it was our second participation in this program. We carried out our hands-on experiment on pH measurement of water and household liquids with six 5th grade classes; approximately 140 kids participated.

* On Saturday, October 15th, Kids & Chemistry participated in the Detroit Section s Chemistry Day at Belle Isle program for the Girl Scouts of Metro Detroit. This new and innovative program was directed at delivering the message that chemistry can offer interesting and viable career options for women and minorities. As one part of this program, Kids & Chemistry volunteers carried out hands-on chemical experiments with more than 250 Girl Scouts (and their chaperones). This was a terrific program and certainly should be repeated.

* Also in October our volunteers made a large contribution to a great hands-on National Chemistry Week program at Cranbrook Science Institute; 12 different hands-on experiments were provided for 200+ kids; we estimate that more than 1500 experiments were carried out! Student-affiliates from 3 area colleges joined us.

As we review our accomplishments for 2005, we are pleased with our success. More than 50 different chemists, chemical engineers and student affiliates contribute to our programs. For their participation we are very grateful. We look forward to another great year in 2006.

Description
(Please limit

b) to one paragraph)

c) Which Core Strategy(s) does this activity support? (Please refer to the list of Strategic Thrusts)

1 2 3 4 5 6

This activity was new in 2005

Activity #3

a) Title National Chemistry Olympiad

2005 marked the twenty-first consecutive year of Detroit Section participation in the US National Chemistry Olympiad program, organized locally by the section's Education Committee. The Local Section exam established a Detroit Section record with nearly two hundred student participants. Preparation for the Chemistry Olympiad began on March 12 with voluntary training sessions for the student participants. 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 on March 17 on the campus of the University of Michigan-Dearborn. The 199 test-takers represented a 14% increase in participation from 2004. While the test was in progress, the teachers attended a meeting cosponsored by the Education Committee and the Southeast Michigan Chemistry Teachers Organization. For 2005, the Section was permitted to select twelve Nominees to sit the National Exam.

Description
Please limit

b) to one paragraph

c) Which Core Strategy(s) does this activity support? (Please refer to the list of Core Strategies)

1 2 3 4 5 6

This activity was new in 2005

Activity #4

a) Title: Project Seed

Project SEED Report

Program Duration: 8 Weeks

Solicitation process

- Nearly 40 applicants for 6 positions
- 10 candidate interviews held at Wayne State

- Offers tendered to fill the six positions
 - Kingsley Iduma~: King High School
(BASF Book Scholarship)
 - Herman Bolden~: Hamtramck High School
 - Jasmine Bentley: Cass Tech High School
 - Jerrard Adams: Central High School
 - LaTisha Burrell: Osborn High School
 - (~) Denotes High School Seniors

Funding structure

- The biggest adjustment was the solicitation of additional funds to cover the increase in the student stipends, matched contribution \$300 for level (II) and \$263 for level (I) per student.

- This 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 RESESARCH TEAMS) grant.

Description
(Please limit
b) to one paragraph)

c) Which Core Strategy(s) does this activity support? (Please refer to the list of core strategies.)

1 2 3 4 5 6

This activity was new in 2005

Activity #5

a) Title Career Program Committee

The Detroit Local Section Career Program (LSCP) had another successful year volunteering to meet the needs of both American Chemical Society members and future chemists. The committee attended all of the Detroit local meetings and Anachem (a sister society) functions in order to network and assist members in their job search. Below is a list of the activities that took place in 2005:

* We had a very well-attended joint presentation co-hosted by the Detroit local section Younger Chemists Committee (YCC) and the LSCP. Our "Managing an Effective Job Search" workshop presented by Dr. Richard L. Bretz, an ACS Career Counselor, was held on Saturday, February 12, 2005 in the Chemistry Building at the University of Detroit-Mercy. This half-day workshop included the following 1-hour modules: Targeting the Job Market, Resume Preparation, and Interviewing Skills. In addition, Career Services job strategy publications and complimentary pizza and soda (the latter on behalf of the YCC) were available. After the presentation, a number of attendees stayed for a resume review session. Members from as far north as Flint, Michigan and as far south as Toledo, Ohio visited for the program. As a side note, Dr. Bretz is a welcome visitor to Detroit; as we have learned something new each time he has visited. The committee also appreciates the timeliness in which the National ACS (namely Karen Dyson) booked the program with us. We were able to obtain information on the program as well as Dr. Bretz s biography in time to become the

headlining program in our newsletter, "The Detroit Chemist."

* The LSCP participated with Kids in Chemistry in the 2005 Career Fair at Kimball High School in Royal Oak. Having prepared for this event in 2004 (by contacting a number of helpful people at the National ACS to find age-appropriate, interesting materials such as ChemMatters and IKYAC publications), the volunteers were able to encourage, inform, and educate students about the field of chemistry. Although many interviews were made by the students, one particular young lady spent a large part of the day with our LSCP coordinator asking every possible question a 7th-grader can think of!

* Almost two dozen members (different from previous years) were given one-on-one assistance this year. Many were of Masters-level or higher, with the range of situation from forced early retirement to relocation to having a difficult time finding a job after college. Several were foreign-born chemists in very difficult situations, and most contacts had families to support. Many of those who received personal assistance kept in touch; of those, most were able to find placement. An estimate of the time logged in as LSCP coordinator is very hard to calculate, but similar to last year, at least 40 hours of personal one-on-one, networking, and program setup time was put in by the coordinator alone. The Executive Committee of the Detroit Local Section was helpful in informing the committee of job openings and companies looking to hire and assisting in coordinating functions. The chemistry.org website was also helpful to MANY members especially the salary comparator! This website is always the first resource suggested when a chemist is looking for a position.

* The LSCP coordinator was pleased to be part of the Local Section Career Program evaluation by the National ACS. She enjoyed talking with Dr. Ann Lassalle and subsequently asked a number of members to also speak to her for an assessment of Detroit's program. Feedback to the LSCP coordinators would be very much appreciated, when available.

* Lastly, the LSCP coordinator took a six week evening enrichment class (on her own) taught by a career coach. The purpose of the class was to perform a self-assessment to gain understanding of the best type of job function within a desired career that is best suited for the participant. The class had a clear message that the LSCP coordinator tries to convey: one needs to perform an assessment of strengths/weaknesses, priorities and skills, etc to be able to communicate in a resume or in an interview why the employer should choose him or her. The Career Counselor is available as a guest speaker for an evening presentation in the late spring 2006. Tentative plans are in place as of this date for this program.

In conclusion, the Detroit LSCP was available to local and national members for career assistance with the

help of the Detroit LS executive committee, a large network, and the National ACS. The employment outlook in Detroit seems a little brighter this year with some companies hiring and some members relocating to the area. Still, it continues to be an important addition to the local section with Detroit having the 2nd highest jobless rate in the U.S. at 6.0% and highest metropolitan unemployment rate in the U. S. at 7.3%. (U.S. Dept of Labor, Bureau of Labor Statistics report released November 30, 2005, USDL 05-2244. The following is a link to the file:
<http://www.bls.gov/news.release/pdf/metro.pdf#search='detroit%20unemployment%202005'>)

Description
Please limit

b) to one Paragraph

c) Which Core Strategy(s) does this activity support? (Please refer to the list of Core Strategies)

1 2 3 4 5 6

This activity was new in 2005

Activity #6

a) Title: Younger Chemists Committee

The Career Services Department and the Younger Chemists Committee conducted a free workshop entitled "Managing an Effective Job Search" on Saturday, February 12, 2005 at the University of Detroit-Mercy. The workshop was presented by Dr. Richard L. Bretz of ACS Career Services. His presentation included several 1-hour modules including: Targeting the Job Market, Resume Preparation, and Interviewing Skills. In addition, Career Services job strategy publications were also made available to attendees at no cost. Lunch was provided between modules and following the presentation Dr. Bretz and local section Career Services Committee Chair Megan Klein reviewed resumes for several participants.

The event was advertised to undergraduate and graduate programs within the metro Detroit area as well as through the monthly Detroit Local Section monthly newsletter. The event was deemed a great success reaching over 35 attendees. There were several undergraduate, graduate and displaced workers in attendance and many commented on how much they learned about job hunting in the scientific community.

Description
Please limit

b) to one Paragraph

c) Which Core Strategy(s) does this Activity Support? (Please refer to the list of Core Strategies.)

1 2 3 4 5 6

This activity was new in 2005

Activity #7

a) Title: Publications

Eight issues of the Detroit Chemist were published during 2005; January, February, March, April, May, September, October and November. 1650 members of the section and the local SAS chapter, ANACHEM received

copies of the Chemist in the mail. The newsletter is also posted on the Section's web site and emailed to the members (about 800) that have requested the electronic edition.

During 2005, improved printing technology was implemented which allows an increase in the number and resolution of illustrations to improve the look and utility of the Chemist at reduced cost.

Production costs for the Chemist in 2005 for printing and postage, web hosting and the email list included:

Printing @ \$667.70 per issue (average) and labels @ \$25.00 per issue for 8 issues = \$5548. (An unexpected charge of \$415 was incurred to issue a retraction postcard for a cancelled meeting.)

**Postage is approximately \$280.00 per issue for 8 issues or \$2240.00, web hosting at \$110 and the ISP for email was \$200.00 for a total of \$8512.

Description: An example of the Detroit Chemist can be found for
Please limit to download at the Detroit Local section Website:
b) one paragraph <http://www.detroitsection-acis.org>

c) Which Core Strategy (s) does this activity support? (Please refer to the list of Core Strategies).

1 2 3 4 5 6

This activity was new in 2005

Activity #8

a) Title: Education Committee

5 February The Committee arranged for a High School Chemistry Teacher professional development day at the Detroit Institute of Arts. The behind-the-scenes tour was lead by Dr. Leon Stodulski, Senior Conservation Scientist. The tour focused on the connection between chemistry and art conservation. Over 30 high school teachers attended the event.

5 March The Committee staffed an American Chemical Society information table at the Michigan Science Teachers Association 52nd annual meeting held at the Renaissance Center (Detroit, MI). The Committee made ACS-themed literature, membership information and gifts available for the attendees.

12 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.

17 March The US National Chemistry Olympiad, Local Section Exam was held at the University of Michigan-Dearborn. Approximately 135 students attended. Award winners of last year s Professional

Training Enhancement Grants gave seminars to the other teachers while the students took the examination.

15 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. Eleven awards were given out in the amount of \$225. 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. Anthony Sky, of Lawrence Technological University.

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

20 September The Committee met for the first time in the fall semester and formalized the chemistry calendar, which was then sent out to just under 1,000 teachers throughout the Metro Detroit area. The committee began planning for a presence at the Michigan State Teachers Association Meeting next spring, where we have distributed ACS-themed literature, membership information and gifts for the last decade.

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

29 October The Committee staffed an American Chemical Society information table at the Metro Detroit Science Teachers Association 64th annual meeting held at Lawrence Technological University (Southfield, MI). The Committee made ACS-themed literature, membership information and gifts available for the attendees.

17 November The Committee is in the process of confirming next spring s high school chemistry teachers professional development day at Furnace Hot Glass (Dearborn, MI), a private glass workshop and art studio. The tour and talk will focus on the connections between chemistry and art.

Description:
Please limit to

b) one paragraph.

c) Which Core Strategy(s) does this activity support? (Please refer to the list of Core Strategies).

1 2 3 4 5 6

This activity was new in 2005

Activity #9

a) Title: Minority Affairs Committee

In February of 2005 I, Yolanda Watts, became Chair of the Minority Affairs Committee (MAC) for the American Chemical Society local Detroit Section. My major focus in 2005 was to solicit interest as well as help

for the committee. Several actions were taken in this initial effort.

1. My first action was to find a co-chair. RaShawnda Burns was picked for the position. In April of 2005 due to job change and increased responsibilities Ms. Burns submitted here letter of resignation.

2. As initial steps to acquaint myself with the position, I requested a minority Affairs packet from National and held several brain storming sessions. Special thanks to Keith Williams (project seed) WSU for his insight.

3. In the September issue of Detroit Chemist a petition was made to replace the past co- chair. At that time five responses were received. I talked to the respondents and explained how the section worked and the goals as a committee. Most seemed interested but only one showed for an actual meting. I do feel from conversations held that most would participate in activities give by MAC but not commit the time required as co chair. The new co chair is LaFonda Brown.

4. In another effort to increase interest and participation in the MAC a petition was submitted to the September Detroit Chemist. This petition was an award for entitled Outstanding Scientist Award . As the deadline date no nominations were submitted. Other committed chairs suggested this be explored in greater effort. Some of the suggestions made include: 1.hosting the award during black history month, 2.we as the executive committee could nominate a scientists 3.to more closely pattern the award after the Salutes to Excellence award.

5. In a continued effort to reach future scientist. I was able to hire and mentor two Southfield Lathrup High School juniors (currently seniors) to work at BASF the Chemical Co. during July and August of 2005. Justin Artis and Chase Dearing. Worked at BASF the Chemical Company in Southfield, MI. They were able to gain valuable industry experience.

6. The MAC was able to participate this year in Explorathon. Explorathon is a career day hosted by the AAWA for 7th and 8th grade girls. The day is hosted in workshop fashion and presented by women only. The girls are allowed to choose 3 workshops (45 mins each) to rotate through. They are given a chance to learn about different careers held by professional women scientists. In my workshop a hands on polymer experiment is incorporated along with Q &A and lecture. This is a great opportunity to introduce to some in a non-intimidating way the concepts of science and the various areas it can take you in.

7. The Committee's major activity for 2005 was helping to organize, develop, and conduct the Chemistry Day at Belle Isle program. Working with the Girl Scouts of Metro Detroit, the Committee

helped sponsor a park clean-up service project at Belle Isle, along with chemistry outreach & career information/inspiration to this group of young (ages 9-11), mostly economically disadvantaged, minority girls. Volunteers solicited by the Minority Affairs Committee helped connect with and serve as role models for the girls -- to deliver the message that chemistry can offer interesting and viable career options for women and minorities. Over 250 junior girl scouts and their adult chaperones pre-registered for the program, which was held on Saturday, October 15th. The program began with an introductory talk about how chemistry is used in everyday life while the participants enjoyed a continental breakfast. Next, the group was split into three subgroups and rotated between three activities: a.) outdoor park clean-up as service work, b.) hands-on chemistry experiments, and c.) a "What's My Line" game show with prizes to learn about careers in chemistry. All three activities were well received by the girls, but the career game seemed to spark some genuine interest in the girls, based upon their attentiveness and curiosity. For this activity, five women chemists (including two minority women chemists) served as role models on the career panel. The occupations ranged from chemical patent attorney to environmental chemist to pharmaceutical research chemist. By participating in the three activities, the scouts earned their National Chemistry Week patches. The girls also received some chemistry trinkets (e.g. nanomoles) and instructions for doing many of the hands-on experiments. Finally, the program wrapped up with a pizza lunch and a chemist s style "friendship circle" -- a cross-linked polymer network. Special thanks go to the City of Detroit for significantly reducing the customary rental fee for use of the Casino facility on Belle Isle and Little Caesars Corporation for discounting the cost of pizza lunch and donating cookies for the event. Surveys completed by the girls and their chaperones were overwhelmingly favorable, with only a few suggestions for improvements. The program was funded by an Innovative Projects Grant from the Local Section Activities Committee. Due to the tremendous success and enthusiasm for this program, we plan to repeat this program again in 2006.

Goals for 2006

- a. To increase involvement of the MAC.
- b. To increase participation of Minority represented chemist and chemical technicians in Detroit Section ACS.
- c. To define the Outstanding Chemist Award and to award this by February 2007.
- d. To again participate in the Girl Scout Chemistry Badge day.
- e. To continue participation in Career Days events.

Respectfully Submitted,
Yolanda Watts

Description:
Please Limit to

Chair, Detroit Section Minority Affairs Committee
2/7/06

b) one paragraph

c) Which Core Strategy(s) does this activity support? (Please refer to the list of Core Strategies)

1 2 3 4 5 6

This activity was new in 2005

Activity #10

a) Title: Environmental Safety Committee

On March 9, 2005, ACS Detroit Section Science Fair Judges Mike Babcock, Sharon Newlon, Wallace Ribbron, Keith Williams, and Pete Warner awarded \$100 - U.S. Savings Bonds to:

Dilara Uskup of Detroit Renaissance High School - and Jessica Laviolette of Brandon High School - Ortonville.

Also awarded \$50 savings bonds were:
Elissa Palm of Divine Child High School - Dearborn, and Ian Franklin of Detroit Renaissance High School

Their parents, together with their science teachers, Ms. Kelly Sweet and Ms. Angeline Baskaran, were honored at the ACS/CIC Joint Meeting on May 18 at the Beach Grove Country Club in Tecumseh, Ontario.

Description:
Please limit to

Respectfully submitted,
Peter O. Warner, Chairman

b) one paragraph

c) Which Core Strategy(s) does this activity support? (Please refer to the list of Core Strategies)

1 2 3 4 5 6

This activity was new in 2005

B. Summary - Overall Section Activities

Please summarize in *1,000 words or less*, the activities of the section in 2004 which have not been already described. Outstanding events should be described in some detail and appropriate attachments included in Appendix 1. Programs described here may be featured in publications produced by the ACS Membership Division and/or at the ACS Leaders Conference.

The Detroit Section had an excellent year in 2005.
What made it an excellent year - the people!

This year concluded my sixth year as an elected officer of the Detroit Section of the American Chemical Society. Over this time I have seen a number of volunteers come and go, yet year after year the Detroit Section has organized exciting activities and served its membership well. No, we don't have all the

volunteers we need, but the volunteers we do have do amazing things with the resources available to them.

Again this year the Career Program Committee, Chaired by Megan Klein, has put together a series of activities to assist area chemists to make important career decisions. They worked with the Younger Chemists Committee to organize a half-day career workshop at the University of Detroit - Mercy, providing information on topics like interviewing, resume preparation, and then reviewing resumes after the workshop. Megan also worked one-on-one consultations with a number of area chemists. She has done an amazing job with very limited resources. Megan is the person that made this happen.

As Megan points out in her committee report, the Detroit area has the highest metropolitan unemployment rate in the country. Even during these bleak economic times, the Detroit Section maintains an eye to the future by focusing many of its activities on young people.

Our Education Committee provides grants to area teachers to help them get the training they need to teach future scientists. They believe one person, a teacher, can make a difference.

The Education Committee can always be counted on to provide people for most of the "Kids and Chemistry" and "National Chemistry Week" Programs. We have a group of University of Detroit-Mercy students who do a chemistry demonstration show at some events. I always enjoy watching these young people demonstrating what they have learned and teaching others. It is readily apparent they love what they are doing. Chemistry to them is not a job or being able to site an equation, chemistry is a vehicle for changing peoples' lives.

Speaking of Kids and Chemistry, that committee is always amazing me! They attracted dozens of volunteers and participated in several activities in 2005. They collaborated with three other committees (NCW, Women Chemists, and Minorities Affairs Committees), as well as the Girl Scout Council of Detroit, to organize a "Chemistry Day at Belle Isle Day" program for area Girl Scouts. This was the first program of this type for the Section and we received an Innovative Projects Grant from the Local Section Activities Committee to support the program. The goal of the event was to reach out to minority girls and interest them in chemistry as a viable career option. About 250 Girl Scouts attended with their chaperones. They learned about careers in chemistry from women and minority women who served as role models, provided a community service by cleaning a section of the Belle Isle Park, and did hands-on experiments. Through these activities, they earned their National Chemistry Week patches.

Kids & Chemistry's tally for the year is quite impressive. They did hands-on chemistry experiments with 250 girl Scouts, over 300 children at the Comerica Taste Fest, 27 at Kimball School, 180 at the

Rouge Water Fest, 140 at the water fest held at the Cranbrook Institute of Science, and finally 200+ children for the National Chemistry Week activities. What an amazing group of people!

Another amazing group is the National Chemistry Week volunteers. This group is not necessarily the same people as the K&C volunteers. Each October they set aside a day to do chemistry demonstrations with the children visiting the Cranbrook Institute of Science. We have volunteers who have been at most of the NCW in the last 10 years.

But then I also want to mention a group of new volunteers. I'm proud to point out that there was a group of about 6 student volunteers from the University of Michigan in Flint, it is on the northern edge of the Section, this year.

Kids & Chemistry and National Chemistry Week strive to bring chemistry to as many young people as possible. Three other Section Activities which may begin with a number of young people, but end by focusing on a few are the Environmental & Safety Committee competition at the Detroit Science Fair, Project SEED, and the US National Chemistry Olympiad. It isn't just about the numbers, it's the quality.

The Environmental & Safety Committee again participated in the Detroit Science Fair, judging projects and giving out 4 prizes. This activity has been on-going for well over a decade.

In 2005, Project SEED helped 6 under-privileged high school students conduct summer research projects at a local university. The Detroit Section SEED project has been an ongoing, very successful program for a number of years now.

The Detroit Section has one of the oldest USNCO Programs in the country, 21 years, and for 2005 had a 14% increase in the number of students who took the USNCO exam. Thanks to a donation from the General Motors Research and Development Laboratories, the nominees and the runner-up received \$240 and \$100 respectively. Our congratulations to all the young people who participated, they are all winners.

Finally, I want to discuss something that happened in 2005 which I can't quantify or find a metric to measure. How do I measure the desire, innovation, or abilities of the people on the Executive Committee? There seemed to be an increased energy level and more ideas proposed in the meetings for 2005. We do have a number of younger members, but I don't think that was it. This Executive Committee just seems to work well together!

You should be proud of all the people who helped in 2005. They have my thanks and certainly deserve recognition for their contributions to the advancement of chemistry in southeastern Michigan.

Respectfully,

Kevin L. Perry
2005 Chair
Detroit Section
American Chemical Society

C. Local Section and Chair Goals

2005 Goal Attainment. The Local Section Activities Committee strongly encourages local section planning. As a result, the 2005 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:

1. Increase net career committee headcount from one person full time to a net 3 person (full and part time) committee.

We have increased the Committee membership by one person, two short of our goal. There has also been a significant effort to increase the use of none Section resources to improve the effectiveness of the Careers Committee. Our Careers Chair, Megan Klein, already does an excellent job and deserves all the credit! She is untiring, innovative and determined! That is why we feel it is critical to find her the assistance she needs to continue helping area chemists. The Executive Committee will continue to recruit more volunteers for this committee.

A detailed description of the LSCP appears in Part II activity 5.

2. Solicit 10 companies for speaker to the 2007 ACS national conference in Chicago for the undergraduate Education Committee.

Members of the executive committee made contact with researchers at Ford, General Motors, Henkel Surface Technologies, and Akzo Nobel about the possibility of providing speakers for the Undergraduate Symposia of the spring 2007 ACS National Meeting. Currently, personnel from 2 of the 4 companies mentioned have committed to speak.

3. Contact three potential ACS Divisions to assist with the organization of the 2007 ACS National meeting Undergraduate Education Committee program.

This has been deferred into 2006.

4. Gather information on the amount and method of disposal of pharmaceuticals in the US and evaluate the potential environmental impact, propose a solution if necessary and communicate the results to a government agency or publish as a paper. This work to be done with the consent of the National ACS.

Members of the executive committee have begun determining where in there are sites in southeastern Michigan for the turn-in of old medicines to county or state authorities. Those members who have chosen to

become involved in this project are currently working on what means they think are best to raise awareness of this situation, and how best to involve themselves and the resources of the ACS. President Bill Carroll appears to like this as a section activity, and has praised the section members! imagination for beginning this process.

b) 2005 Chair's Goals and Assessment:

1. Reduce the time necessary to transfer budgeted funds from the Detroit Section Trust fund to the Detroit Section operating budget from 5 weeks to 2 weeks to minimize potential budgeting problems. -

The amount allocated to the operating budget from the trust fund is 5% of the fund value on October 1st of the preceding year. Traditionally, when the Section checkbook balance was getting low, the new Treasurer would submit a request for the funds to the Trust Fund Chair. The Trust Fund Committee would then select the stock to liquidate, notify the broker, and wait for the brokerage to issue a check. Once received the Trust Fund Chair would mail the check to the Treasurer for deposit in the Section checking account. We have had occasions where the volunteers would have to wait to be reimbursed for their expenses. After the volunteer has provided his time and experience to the Section to make him/her wait to be reimbursed was unacceptable

We have reduced the delay by asking the Trust Fund Chair to select and liquidate the 5% allocated to the operating budget during November for deposit into an account he can draw funds from very quickly and easily. This has reduced the delay from about 5 weeks to between 1 and 2.

2. Identify three new potential candidates for Public Relations Chair to replace 2004 PR Chair who has accepted position as Secretary of Section.

The Long Range Planning Committee placed a notice in the monthly newsletter soliciting volunteers for the Public Relations Chair Position. We had three responses and selected a very good candidate. Unfortunately, shortly after taking the position the new Chair changed employer and was no longer able to Chair the Committee.

We then asked another of the other respondents (Gina Ludwig) to accept the Chair position. Gina has already begun establishing lines of communication with the area media and promoting Section activities. The enthusiasm and ideas Gina has brought to this Committee make me sure this is an area the Detroit Section has well in hand.

3. Increase Industrial Relation Committee headcount by one person.

We did not manage to increase the Industrial Relations headcount. One of my personal commitments for the

next year will be to assist the current Chair to organize a program and continue recruiting members for the Industrial Relations Committee. If you now consider me a member of that committee, the goal was achieved January 1/2006, a day late.

2006 Goals. (This section should be completed by the 2006 local section chair.) Please list below at least 2. three goals that you and your local section plan to accomplish during your term as local section chair.

a) 2006 Local Section Goals (Include at least three goals):

Section Goals, 2006

1. Organize at least one program event in Flint, MI.
2. Organize at least one program event in the Port Huron, MI area.
3. Have each standing committee be involved in at least one event that is reported on the 2006 annual report.

b) 2006 Chair's Goals:

Chair Goals, 2006

1. Re-activate a Flint, MI sub-section of the Detroit Section.
2. Raise awareness of the need for a pharmaceutical recovery program within southeastern Michigan, so that old non-prescription and prescription drugs are not flushed into area waters.
3. Determine if the city of Detroit has a "sister city" and invite a speaker from that city to Detroit to give a talk.

D. Suggestions/Concerns

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

Listing of Core Strategies

Please refer to the numbers below when identifying activities as they relate to the ACS Core Strategies

- 1 Providing Timely State-of-the-Art Chemical Information.
- 2 Serving as a Premier Professional Organization for Practitioners of Chemistry.
- 3 Elevating Public Appreciation of Chemical Sciences and Technologies.
- 4 Changing the Definition of Chemistry to Encompass its True Multidisciplinary Nature.
- 5 Delivering a Dynamic and Integrated Portfolio of Products and Services.
- 6 Promoting Inclusiveness throughout the Chemical Enterprise.

For more information on the Core Strategies or the ACS Strategic Plan 2004-2007 please visit www.chemistry.org.