

144th 2YC₃ Conference

*Division of Chemical Education, Inc.
American Chemical Society*



Chemistry in the New Millennium: The Future in the Classroom, Research, and Technology



Tarrant County Junior College
Northeast Campus
828 Harwood Road
Hurst, TX 76054
March 27-28, 1998

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE

Division of Chemical Education, Inc.
American Chemical Society
1998 Roster of Committee Members

- | | | |
|--|--|--------|
| Chair | Carol White, Athens Area Technical Institute
800 U.S. Highway 29 North, Athens, GA 30610-1500
Office: (706) 355-5033 Fax: (706) 369-5753
Home: (706) 769-8341 Email: white@admin1.athens.tec.ga.us | (2001) |
| Immediate Past Chair | Richard Jones, Sinclair Community College
444 West Third Street, Dayton, OH 45402-1460
Office: (937) 512-2322 Fax: (937) 512-5164
Home: (937) 836-9179 Email: rjones@sinclair.edu | (2000) |
| Chair-Elect | Thomas Gruber, Delgado Community College
West Bank Campus, 2600 General Meyer Avenue, New Orleans, LA 70114
Office: (504) 361-6410 Fax: (504) 361-6411
Home: (504) 943-5507 Email: TGruber@aol.com | (2002) |
| Treasurer/
College Sponsors | Jeffrey Cramer, Stark State College of Technology
6200 Frank Avenue, N.W., Canton, OH 44720-7299
Office: (330) 966-5457 x 377 Fax: (330) 494-0571
Home: (330) 695-4724 Email: jcramer@stark.cc.oh.us | (2000) |
| Membership
Chair | Richard Jones, Sinclair Community College
444 West Third Street, Dayton, OH 45402-1460
Office: (937) 512-2322 Fax: (937) 512-5164
Home: (937) 836-9179 Email: rjones@sinclair.edu | (1998) |
| Industrial
Sponsors Chair | Michaelleen Lee, Bucks County Community College
Swamp Road, Newton, PA 18940
Office: (215) 965-8364 Fax: (215) 504-5820
Email: leem@bucks.edu | (1999) |
| Newsletter Editor | Jay Bardole, Vincennes University
1002 N. First Street, Vincennes, IN 47591
Office: (812) 888-4372 Fax: (812) 888-4540
Home: (812) 882-5272 Email: jbardole@vunet.vinu.edu | (1999) |
| Past Chairs
(Members of
COCTYC) | John Kenkel, Southeast Community College
8800 O Street, Lincoln, NE 68520
Office: (402) 437-2458 Fax: (402) 437-2404
Home: (402) 477-8779 Email: jvkenkel@sccm.cc.ne.us | (1999) |
| | Ann Cartwright, San Jacinto College Central
8060 Spencer Highway, Pasadena, TX 77501-2007
Office: (281) 476-1882 Fax: (281) 478-2757
Home: (713) 669-8705 Email: acartw@central.sjcd.cc.tx.us | (1998) |
| Other Past Chairs | Wendell Massey, David Klein, Margo Schumm, Ed Heath (deceased), Elliot Greenberg, John Clevenger, Ralph Burns, Edith Bartley, Onofrio Gaglione, Jay Bardole, Marion Baker, Tamar Y. Susskind, Douglas Bond, Katherine Weissmann, Paul Santiago, John P. Mitchell, William Griffin, Curtis Dhonau, Douglas Bauer (deceased), Cecil Hammonds, Ethelreda Laughlin, William T. Mooney, Jr. | |

**144TH TWO-YEAR COLLEGE CHEMISTRY CONFERENCE
BUSINESS MEETING
TARRANT COUNTY JUNIOR COLLEGE,
NORTHEAST CAMPUS, HURST, TX
March 27, 1998**

AGENDA

Note: This meeting is an open meeting. All persons attending the conference are encouraged to attend.

I. INTRODUCTIONS

- A. Officers and Past Chairs
- B. Self-introduction of Advisory Board Members and others present

**II. MINUTES FROM THE 143RD CONFERENCE,
Central Community College, Hastings, NE**

- A. Advisory Board Approval page 2
- B. COCTYC Information page 4

III. REPORTS

- A. Oral Report: Central Community College, November 14, 1997,
Tom Gruber
- B. Treasurer, Jeff Cramer page 11
- C. College Sponsors, Jeff Cramer page 12
- D. Membership, Dick Jones page 35
- E. Industrial Sponsors, Michaelleen Lee page 39
- F. Future Meeting Sites, John Kenkel page 40
- G. Editor, Web Master, Jay Bardole
- H. DivCHED, Ann Cartwright

IV. ANNOUNCEMENTS AND NEW BUSINESS

- A. 15th Biennial, Uni Susskind
- B. *Journal of Chemical Education*, Ann Cartwright
- C. Other

V. INTRODUCTION OF NEW ARRIVALS

VI. ADJOURNMENT

**144TH TWO-YEAR COLLEGE CHEMISTRY CONFERENCE
COCTYC MEETING
TARRANT COUNTY JUNIOR COLLEGE
NORTHEAST CAMPUS, HURST, TX
MARCH 26, 1998**

AGENDA

I. ADDITIONS/DELETIONS TO AGENDA

II. APPROVAL OF MINUTES, 143RD CONFERENCE

III. REPORTS

- A. Tarrant County Junior College, Sonja Davison
- B. Personnel Matters, Carol
- C. Future Sites, John
- D. 15th Biennial, Uni
- E. Budget, Jeff
- F. College Sponsors, Jeff
- G. Membership, Dick
- H. Industrial Sponsors, Michaelleen
- I. Editor's Report, Jay
- J. DivCHED, Ann
- K. *Journal of Chemical Education*, Ann

IV. OLD BUSINESS

- A. Industrial Sponsors Form, Michaelleen
- B. Planning Guide Printing, Tom
- C. Newsletter Income Statement Form, Jeff
- D. 2YC₃ URL, Jay
- E. Regional Advisory Board Members, Dick
- F. Selling/giving 2YC₃ Membership Lists

V. NEW BUSINESS

- A. Contacts for Industrial Sponsors
- B. Newsletter on the Internet
- C. Financial Audit

VI. ADJOURNMENT

**143rd TWO-YEAR COLLEGE CHEMISTRY CONFERENCE
BUSINESS MEETING
CENTRAL COMMUNITY COLLEGE, HASTINGS CAMPUS
HASTINGS, NE
NOVEMBER 14, 1998**

The meeting was called to order by Richard Jones at 12:10 p.m. Due to the lateness of the hour, Dick requested that all reports be brief.

I. INTRODUCTIONS

- A. Richard Jones introduced the Officers and Past Chairs.
- B. All attendees introduced themselves and stated their school affiliation.

II. MINUTES FROM THE 142ND CONFERENCE, Central Community College, Hastings, NE

- A. The minutes are on page 2 of the 143rd Agenda Book. The minutes were approved as written.
- B. Richard Jones pointed out that information about the COCTYC members is found on the front page of the 143rd Agenda Book. Chair Emeriti are listed on page 43.

III. REPORTS

- A. Carol White presented the report on the Northampton Community College meeting on September 26-27, 1997. She stated that the theme of the conference was "Chem Ed: Cutting Edge vs. Cutting Costs." Carol reported that the conference was well attended, and the speakers and tours were very interesting and informative. Mary Virginia Orna, Chair-Elect of DivCHED was the banquet speaker.
- B. Jeff Cramer presented the budget report which is printed on page 12 of the 143rd Agenda Book.
- C. Jeff also reported that the list of College Sponsors begins on page 13. 110 Sponsors are listed and Jeff has received several more renewals since the report was submitted. He encouraged everyone whose college was not already a Sponsor to consider becoming one. The College Sponsor form is on page 30. He also requested that those present check the information on their college and let him know of any needed corrections.
- D. Joanne Lin pointed out the membership report on page 31. As of October, there were 658 paid members. For those 2YC₃ members who are not members of DivCHED, there is now a discount on new memberships and the form is on page 32.
- E. Michaeleen Lee reported that there are 19 Industrial Sponsors and she encouraged everyone to help recruit new Sponsors among companies and businesses.

- F. John Kenkel reported on future sites. The conference calendar for the next several years is listed on page 34 with more detailed information about each conference on the following pages. John pointed out that the next conference will be held in Dallas on March 27-28, 1998, in conjunction with the national ACS meeting. He reminded everyone that the 15th Biennial Conference on Chemical Education will be held in Waterloo, Canada, on August 9-13, 1998. 2YC₃ is very much involved in this Biennial and will be hosting an ice cream social. Uni Suskind is the 2YC₃ contact person for this meeting. John encouraged everyone to review the calendar and make plans to attend future meetings.
- G. In Jay Bardole's absence, Dick Jones encouraged everyone to visit the 2YC₃ web site. The address is listed in the Newsletter.

III. ANNOUNCEMENTS AND NEW BUSINESS

- A. The 15th Biennial has already been discussed under Future Meeting Sites.
- B. Ann Cartwright reported that 2YC₃ has gained increased visibility with DivCHED through sending a liaison to their Executive Committee meetings and also by contributing articles to the *Journal of Chemical Education*. Ann encouraged everyone to look at these articles.

IV. INTRODUCTION OF LATE ARRIVALS

There were no late arrivals.

V. ADJOURNMENT

Jeff moved and John seconded that the meeting be adjourned. The motion carried.

**143rd TWO-YEAR COLLEGE CHEMISTRY CONFERENCE
COCTYC MEETING
CENTRAL COMMUNITY COLLEGE, HASTINGS CAMPUS
HASTINGS, NE
NOVEMBER 15, 1997**

Attendance

Members: Ann Cartwright, Jeff Cramer, Dick Jones, John Kenkel, Michaeleen Lee, Joanne Lin, Wendell Massey, Carol White

Guests: Mary Graff, Tom Gruber, Dave Klein, Terri Nally, Georgianna Whipple-Van Patter

Call to Order

The meeting was called to order at 2:15 p.m. by Dick Jones at Central Community College.

I. ADDITIONS/DELETIONS TO AGENDA

Deletions: Dick suggested deleting item VE (Joint DivCHED dues) since it is the same as IVA.

II. APPROVAL OF MINUTES, 142nd CONFERENCE

Carol announced several typographical corrections to the minutes: II. Approval of minutes, 140th Conference, "Agenda Book" should be capitalized; C. Future Sites, "for the next few years" should be added to the last item; F. Membership, the word "be" should be inserted in the second sentence; Action Items, #19 the word "Assistant" is misspelled. **Ann moved and John seconded that the minutes be approved as corrected. The motion carried.**

III. REPORTS

- A. Central Community College, Georgianna Whipple-Van Patter**
Georgianna reported that the Industrial Sponsors form has not been changed to reflect that a school recruiting new sponsors receives some of the money. She suggested including a revised form in the conference planning book. Georgianna developed her own form and **Michaeleen requested a copy. Tom is going to print up some copies of the planning guide. Michaeleen will get a form to Tom to include in the new printing.** Two forms are needed, one for exhibitors for one conference only and one for sponsors who may exhibit at all of the meetings in a given year. Georgianna was disappointed that people did not stay for the Saturday afternoon program. She felt that the momentum went down hill after the first speaker did not show and there were technical difficulties with projecting one speaker's presentation. Georgianna suggested that conference mentors need to tell conference planners that speakers should get there early to make sure the setup will work. The committee agreed that the Friday sessions were great, and the food and accommodations were very good. Terri Nally complemented Georginna on an excellent conference

B. Personnel Matters, Dick

Joanne Lin informed the COCTYC that her responsibilities have changed and, regrettably, she will resign her position as Membership Chair effective at the end of 1997. Joanne thanked the COCTYC for the opportunities that 2YC₃ has afforded her and she intends to remain as active as she can. She will submit receipts for her costs, including label preparation and student help. **Dick Jones authorized the treasurer to reimburse her.** The next newsletter should contain an announcement for Chair Elect 2000 and for Membership Chair. **Jay Bardole and Carol White will work on these announcements. Jeff moved that COCTYC appoint Dick Membership Chair for 1998 and John Kenkel will continue to serve as site coordinator. Ann seconded. The motion carried.** Next, the appointment of the Assistant Industrial Sponsors Chair was discussed. **Jeff moved and Ann seconded that Rudy Jones be offered the position. The motion carried. Dick Jones will contact Rudy Jones.**

C. Future Sites, John

John reported that the 144th conference is well under way. The 145th conference has symposia organized and abstracts are being sent in. The ice cream social at the biennial will be held on Monday night. There will be a Tuesday noon luncheon and brainstorming session. There will be a newsletter covering the four 2YC₃ symposia. No business meeting will be planned since we probably will not have a COCTYC quorum. The Agenda Book was discussed and it was the general consensus that we will not need to have an Agenda Book for this biennial. **Carol will contact Uni about the finances for the ice cream social.** John has now added the names of conference mentors to the calendar. Terri Beam will be the mentor for East Los Angeles (148th conference). John has a preliminary program for the 146th conference. It was suggested that an hour and half be scheduled for an on-site lunch and the general membership meeting be held during this time. **John will work with the conference planners on scheduling the business meeting.** The dates for the 147th conference are Nov. 20-21, 1998. There may be a conflict with the ATE conference at NSF that will affect several of the committee members, but we will not change the dates. The ACS president will deliver the keynote address and/or the banquet speech. Wendell Massey is the program chair and he has someone to help with industrial sponsors. The theme of the conference is: "Technology, Textbooks, Teachers, and Topics: The Four T's of Teaching." He has several textbook authors as speakers and graduates employed with local industry to help with tours. Wendell has requested a mailing list for Florida and **Dick will check on this.** Dorothy Massey (Wendell's wife) is working on getting high school teachers continuing education credit for attending this meeting. Wendell is planning a boxed lunch on Friday and a catered barbecue on Saturday. The banquet will be held at a place on the river. A preliminary program will be ready at the Dallas meeting. Tom has contacted Carcy Chan, program chair for the 148th conference. For the 149th conference, we have

already moved to hold a joint meeting with the Canadians. They have located a site in Bellvue, Ontario. John has not gotten the dates from Dianne Ostogic for the 150th meeting in South Holland, IL. Dave is the mentor for the 151st meeting in Fort Smith and Thomas Clark is the program chair. The dates have not been finalized. John has already sent a conference planning book. The 152nd conference is scheduled for Las Vegas in conjunction with the national ACS meeting. The ACS meeting has not been officially moved. John contacted Kaveh Zarrabi and there will not be a problem with changing the dates if the ACS meeting is moved. There are three mid-western colleges who want to host conferences, including the University of Cincinnati School of Applied Sciences.

D. Budget, Jeff

Jeff gave out budget reports to everyone and there are three areas that are different from last year. CD interest has decreased. Conference mentoring expenses are different from last year since there are fewer meetings (change from 4*250 to 3*250). Newsletter ads need to be worked on to make the budget come into balance. Dick suggested we look into more revenue generating endeavors and not cut services. Industrial Sponsors were discussed. Georgianna wrote very nice letters, but no one came to exhibits. Local reps often do not get the message about meetings. **Carol will include in the agenda for the Dallas meeting a discussion of how to get the names of the appropriate contact person. Jeff will change the budget to reflect 20 industrial sponsors.** Ann suggested that we consider placing the Newsletter on the internet as a means of saving money. **Carol will put discussion of a web-based Newsletter on the Dallas agenda.** Tom suggested charging a registration fee for meetings and several members agreed that we should give this serious consideration. We could lower seed money or require that seed money be reimbursed. Terri suggested that we consider going through a transition if we begin charging registration fees.

The meeting was suspended and reconvened at the Holiday Inn at 4:10 p.m.

Jeff will change the budget to anticipate 700 members for the year. **Dick tabled the budget discussion, which he will continue by E-mail.** Wendell moved and Ann seconded that the budget be approved as amended. (Dave pointed out that there is a real problem with voting for a 10,000 deficit with only 10,000 in reserves.) **The motion carried.** Jeff passed out a sheet for Newsletter income statement and **asked for suggestions.** Jeff reported on the feasibility of an annual audit. The audit done when Jeff assumed the treasurer's position cost \$200. It was a seven-year audit. Jeff knows someone who will do the audit for a lower cost. Jeff sends a statement to DivCHED and that may be sufficient. Jeff will contact DivCHED to determine if there is someone who will be able to do the audit for us and **will report at the next meeting. Carol will put this on the agenda.**

- E. College Sponsors, Jeff
The Agenda Book lists 110 current college sponsors, but now the number is actually 117. **Jeff will work on a better arrangement for the list.**
- F. Membership, Joanne
Joanne handed out an up-to-date membership report showing 683 members.
- G. Industrial Sponsors, Michaeleen
There are 19 Industrial Sponsors listed in the Agenda Book, although all have not renewed and those will be removed by the next meeting. John asked about ACS books, but they are no longer a sponsor. **John will check on CRC Press for Michaeleen and will request that they renew.**
- H. Editor's Report, Jay
The deadline for the next Newsletter is December 1. Dave expressed concern that our newsletters do not contain as much information as in the past. **Dick will talk to Jay about including more content.** John expressed concern that the web site is behind. **Dick will work on finding a way to send Jay information so that he does not have to enter it.** Ann said that perhaps being webmaster and newsletter editor is too much for one person. Terri suggested that we get two different people—one to do design and one to do content. **Jay will see about getting the web page into a 2YC₃ URL, perhaps going through DivCHED.**
- I. DivCHED, Ann
Ann is on the Nominations Committee. She sent Ron Archer and Pat Samuels a list of names, and she had also sent John Moore a list of 25 names. It is frustrating--the executive committee sessions are closed when nominations are considered, and nothing is written except the person's name and school. They do not know some of these people and it makes it difficult for them to be appointed to committees. Ann has asked Mary Virginia to write a column for the *Journal of Chemical Education* about how she is including 2YC₃ in DivCHED. Next year is the 75th anniversary of the *Journal*, and they want us to do a poster at the biennial. Ann suggested we do something about 2YC₃'s column in the *Journal*. **Dick will ask Jay about the history of the column.** John said that two-year people do not have much visibility and suggested we should invite two-year people to come to the DivCHED meeting on Saturday. Dick feels that we could be doing more to increase our visibility. John Fortman was expecting something from 2YC₃ in pushing for the elections. The Exams Institute and Board of Publications are decided in the fall, the others are decided at the spring ACS meeting. Carol suggested two-year people getting onto DivCHED committees as a good way of increasing visibility before running for offices. John suggested publicizing the DivCHED dinners and activities at national meetings in our Newsletter. Diane Bunce is stepping down as member-at-large and Dick suggested that Ann should be nominated for this. **Dick will contact**

John Clevenger who is also on the nominating committee and ask about nominating Ann. John expressed concern about our officers leaving 2YC₃ meetings to go to the DivCHED Executive Committee meeting. The 2YC₃ chair and liaison already go to the DivCHED meeting and we need as many other officers as possible to remain at the 2YC₃ meeting. Jeff suggested going to the SOCED business meeting which is held on Tuesday afternoons during the national ACS meetings. It is an open meeting to report on the Executive Committee meeting from Saturday. We also need to write an article in our newsletter about what Ann has done for 2YC₃. Ann suggested really working on networking. She looks at the liaison position as a "mission" for a chance at raising respect for our profession and our students. ACS is a prestigious organization with lots of resources and a lot does not go to education. Terri agreed with Ann that this justifies leaving our 2YC₃ meeting.

IV. OLD BUSINESS

- A. **2YC₃/DivCHED dues structure for members, Dick**
Dick looked into the joint dues structure and in order to go beyond the first year, we would have to become a subdivision of DivCHED. We discussed becoming a subdivision years ago and there were some problems. It was not clear who would handle the budget and if possibly the COCTYC could be directly appointed by DivCHED, so the COCTYC decided not to pursue becoming a subdivision at that time. There was a proposal to change the by-laws so that affiliates could vote for all non-ACS officers. **Dick will find out if this vote went through.** It should be explained fully to our members in the Newsletter.
- B. **Policies and Procedures Revision, Jay**
Item will be skipped since it does not need to be discussed.

V. NEW BUSINESS

- A. **Selling/giving 2YC₃ membership lists**
Dick suggested adding to the E-mail discussion list. Carol will begin the discussion.
- B. **URL Fees**
Dick suggested adding this to the E-mail discussion, as well.
- C. **RAB advisory list - Dick**
The last thing that the chair does before retiring is to work on the RAB list. The list starts on page 39, and there is no one scheduled to be rotated off the current list. Tom Gruber needs to be removed since he is the 1998 chair elect. We will not replace him at this time. Dick said that we do not really make use of the RAB and suggested that we get them involved more in the regional meeting. One of the past chairs could make conference planners aware of using the RAB so that they could send out at least one letter requesting help with planning and advertising. John suggested we add people now since so many will be rotating

off in the year 2000. John Clevenger's colleague, Eun-Woo Chang, was suggested. Ann will send Dick his address. Dick will contact Dale Buck in the Southern Region. Ann will send Dick information on Delores Aquino from her school. Bill Bornhorst was suggested from the Western Region. In the Mid-Western Region, Florence Waters-Chew has retired. Ann suggested Kelley from Minneapolis. Georgianna suggested John Fisher. Terri suggested Shree Ivangar from the Eastern Region, Vera Zradcovich (Ann wrote in the past and got no response), and Pat Cuniff. Dick will contact all of these people to add as many names as possible to the RAB.

- D. 15th Biennial 2YC₃ Business Meeting - Dick
The biennial has already been discussed under Future Sites.
- E. Joint DivCHED Dues Report - deleted
There was some additional discussion about the DivCHED liaison. We had discussed that every three years the immediate past chair would become the DivCHED liaison. Ann's term will be up at the end of 1998, but we do not want to lose Ann. We need a mechanism to utilize people who want to continue to be active. Dick suggested that we try to be creative about the budget and that we consider continuing to support Ann as much as possible. Dick thanked Joanne, Wendell, and Mary, who are going off the COCTYC, for their hard work.

VI. ADJOURNMENT

Jeff moved and Ann seconded that the meeting be adjourned. The motion carried.

ACTION ITEMS

1. Michaeleen will revise Industrial Sponsors form and send a copy to Tom to include in the planning guide.
2. Tom will print some copies of the planning guide.
3. Jeff (treasurer) will reimburse Joanne Lin for her expenses as Membership Chair.
4. Jay Bardole and Carol White will get the Membership Chair and Chair-Elect announcements in the next Newsletter.
5. Carol will contact Uni about expenses for the ice cream social at the biennial.
6. John will work with the conference planners about scheduling the general membership business meeting.
7. Dick will check on getting Wendell a mailing list for Florida.
8. Carol will include on the agenda for the Dallas meeting a discussion of how to reach the appropriate contact person for industrial sponsors.
9. Jeff will change the budget to reflect 20 Industrial Sponsors.
10. Carol will place the discussion of putting the Newsletter on the internet on the Dallas agenda.

11. Dick will continue the budget discussion via E-mail.
12. Jeff requested suggestions about the Newsletter income statement form.
13. Jeff will contact DivCHED to determine if there is someone who is able to do our audit and will report at the next meeting.
14. Carol will put discussion of the audit on the Dallas agenda.
15. Jeff will work on reorganizing the College Sponsors list.
16. John will contact CRC Press and request that they renew their Industrial Sponsorship.
17. Dick will discuss Newsletter content with Jay and will find better ways to transfer information to Jay.
18. Jay will check on getting the web page into a 2YC₃ URL, perhaps going through DivCHED.
19. Dick will check with Jay about the history of the 2YC₃ column in the *Journal of Chemical Education*.
20. Dick will contact John Clevenger about nominating Ann for member-at-large.
21. Dick will check on the vote for voting privileges for affiliate members.
22. Ann will send Dick the name and address of John Clevenger's colleague.
23. Dick will contact the names suggested for RABs.

MOTIONS

1. The minutes of the 142nd Conference COCTYC meeting were approved as corrected.
2. Dick Jones was appointed Membership Chair to fill the unexpired term of Joanne Lin and John Kenkel will continue to serve as site coordinator.
3. Dick will contact Rudy Jones and offer him the position of Assistant Industrial Sponsors Chair.
4. The budget was approved as amended.

COCTYC:

Committee on Chemistry in the Two Year College

Division of Chemical Education

American Chemical Society

Statement of Income and Expenses 1997

For The Period: 1 January 97 to 31 December 1997

Income	Amount	% of Total	
Operating			
DivCHED	2,000.00	7.8	
Membership Dues	442	6,650.00	26.1
Industrial Sponsors	9	1,080.00	4.2
College Sponsors	133	3,325.00	13.0
Newsletter Adds		600.00	2.4
Meetings	San Antonio	761.54	3.0
Interest		996.66	3.9
Subtotal	15,413.20		
Miscellaneous			
Pin & Etc Sales and Miscellaneous	75.00	0.3	
From savings reserves	10,000.00	39.2	
Total Income	\$25,488.20	100.0	

Expenses	Amount	% of Total
Operating		
Travel	12,748.11	61.0
Office		0.0
Membership	465.09	2.2
Industrial Sponsor	185.00	0.9
College Sponsor		0.0
Conference Mentoring and Training	1,000.00	4.8
Meeting Sites Seed Money	2,340.00	11.2
Newsletter Printing and Postage	3,793.91	18.2
Subtotal	20,532.11	
Miscellaneous		
1997 Biennial Conf. Chem. Educ.	250.00	1.2
		0.0
Brochures		0.0
25 Yr Plaques, pins, etc	119.96	0.6
		0.0
Total Expenses	20,902.07	100.0
Net Income(Loss)	4,586.13	

Comments:

We have taken \$10,000 from reserves.

Respectfully Submitted,

Jeffrey S. Crama
 Jeffrey S. Crama
 Treasurer

Active College Sponsors for 1997 - 129

25 February 1998

Thanks to all the college sponsors for their support in 1997.

College Sponsor 1997	Years as College Sponsor
Aims Community College	16
5401 W. 20th Street <i>Don Harris</i> FAX 970-330-5705 Email donaldhi02.aol.com	Greeley CO 80634 Phone 970-330-8008 Ext488
Allegany Community College	5
Willowbrook Road <i>James Stickler</i> FAX Email	Cumberland MD 21502 Phone 301-724-7700 Ext 256
Alvin Community College	7
3110 Mustang Rd. <i>Betty Graef</i> FAX Email	Alvin TX 77511 Phone
Amarillo College	15
P.O. Box 447 <i>Art Schneider</i> FAX Email	Amarillo TX 79178 Phone 806-371-5328
Anne Arundel Community College	18
101 College Parkway <i>D. M. Reeder</i> FAX Email	Arnold MD 21012 Phone

College Sponsor 1997	Years as College Sponsor
Anoka-Ramsey Community College	4
11200 Mississippi Blvd., NW Coon Rapids <i>Lance S. Lund</i> FAX Email	MN 55433 Phone
Athens Area Technical Institute	5
800 U. S. Highway 24 North Athens <i>Carol White</i> FAX 706-369-5753 Email white@admin1.athens.tec.ga.us	GA 30610 Phone 706-355-5033
Baltimore City Community College	23
2901 Liberty Heights Ave. Baltimore <i>Donald Hoster</i> FAX 410-333-5053 Email dphoster@hotmail.com	MD 21215-7893 Phone 410-462-7651
Bellevue Community College	13
3000 Landerholm Circle, SE Bellevue <i>J. Surendranath</i> FAX Email	WA 98008 Phone
Bergen Community College	2
400 Paramus Rd. Paramus <i>P. J. Ricatto</i> FAX Email	NJ 07652 Phone 201-447-7906
Bismark State College	2
1500 Edwards Ave. Bismark <i>Frank Kock</i> FAX Email	ND 58501 Phone 701-224-5423

College Sponsor 1997		Years as College Sponsor
Black Hawk College		22
6600 34th Ave.	Moline	IL 61265
<i>L. J. Griswold</i>		Phone
FAX		
Email		
Blinn College		9
902 College Avenue	Brenham	TX 77833
<i>Kenneth A. French</i>		Phone
FAX		
Email		
Blue Mountain Community College		10
2411 N.W. Carden, P. O. Box 100	Pendleton	OR 97801
<i>Larry Eddy</i>		Phone 541-276-1260
FAX 541-276-6523		
Email		
Brazosport College		24
500 College Drive	Lake Jackson	TX 77566
<i>Ken Tasa</i>		Phone 409-266-3320
FAX 409-265-2944		
Email ktasa@brazosport.cc.tx.us		
Broward Community College		7
3501 S.W. Davie Road	Fort Lauderdale	FL 33314
<i>Ronald Haire</i>		Phone 954-475-6845
FAX		
Email		
Broward Community College - North		3
1000 Coconut Creek Blvd.	Coconut Creek	FL 33066
<i>A. Fuad Khan</i>		Phone
FAX		
Email		

College Sponsor 1997	Years as College Sponsor
Bucks County Community College	5
Swamp Road Newtown PA 18940 Michaeleen Lee Phone 215-968-8364 FAX 215-504-8520 Email	
Burlington County College	23
Pemberton-Brown Mills Road Pemberton NJ 08068 Vincent Sollimo Phone FAX Email	
Central Community College - Hastings	1
P.O. Box 1024 Hastings NE 68902-1024 Georgianna Whipple-Van Patter Phone 402-462-2525 FAX 402-461-2524 Email whihbio@cccadmin.gi.cccneb.edu	
Chandler-Gilbert Community College	7
2626 E. Pecos Road Chandler AZ 85225 Ronald Watras Phone 602-732-7139 FAX 602-732-7195 Email watras@cgc.maricopa.edu	
Charles County Community College	22
P. O. Box 910 LaPlata MD 20646 Douglas E. Zabel Phone 301-934-7804 FAX 301-934-5260 Email	
Cincinnati State Technical & Comm College	6
3520 Central Parkway Cincinnati OH 45223 Martha Brosz Phone 513-569-1710 FAX 513-569-4686 Email broszm@cinstate.cc.oh.us	

College Sponsor 1997	Years as College Sponsor
Clackamas Community College 19600 S. Molalla Ave. Oregon City OR 97045 Steve Brown Phone 503-657-6958Ext2374 FAX 503-650-6657 Email steveb@clackamas.cc.or.us	13
Clark State Community College 570 East Leffel Lane Springfield OH 45505 Gilbert S. Mezz Phone FAX Email	10
College of DuPage 22nd Street & Lambert Road Glen Ellyn IL 60137 Wes Fritz Phone 708-942-3394 FAX Email fritzw.cdnet.cod.edu	7
College of Lake County 19351 W. Washington St. Grayslake IL 60030 Michael Corn Phone 847-223-6601 FAX 847-223-1357 Email	24
College of Marin Kentfield Campus Kentfield CA 94904 Michael Stinson Phone 415-485-9513 FAX 415-485-9543 Email stinson@marin.cc.ca.us	6
College of Southern Idaho P. O. Box 1238 Twin Falls ID 83301 Rex Widener Phone 208-733-9554 FAX 208-736-2136 Email rkwmagiclink.com	13

College Sponsor 1997	Years as College Sponsor
Collin County Community College	1
2800 East Springcreek Pkwy Plano	TX 75074
<i>Amina El-Ashmawy</i>	Phone 972-881-5961
FAX	
Email	
Colorado Northwestern Comm. College	6
500 Kennedy Drive Rangely	CO 81648
<i>Roy Gold</i>	Phone
FAX	
Email	
Columbia Basin College	10
2600 N. 20th Ave. Pasco	WA 99301
<i>Ms. Campbell</i>	Phone 509-547-0511
FAX	
Email	
Community College of Rhode Island	23
400 East Ave. Warwick	RI 02886
<i>Ralph R. Keiser</i>	Phone
FAX	
Email	
County College of Morris	27
Route 10 and Center Grove Rds Dover	NJ 07801
<i>Sharon Kapica</i>	Phone 201-361-5000 ext305
FAX	
Email	
Cuesta College	16
P. O. Box 8106 San Luis Obispo	CA 93403
<i>Joe Asire</i>	Phone 805-546-3243
FAX	
Email	

College Sponsor 1997	Years as College Sponsor
Cuyahoga Community College, Western	27
1100 Pleasant Valley Road Parma	OH 44130-5199
<i>Lois hansen-Polcar</i>	Phone 216-987-5497
FAX 216-987-5066	
Email lois.hansen-polcar@tri-c.cc.oh.us	
DeAnza Community College	27
21250 Stevens Creek Blvd. Cupertino	CA 94014
<i>Robert R. Hubbs</i>	Phone 408-864-8591
FAX	
Email rrh2541@aspen.fhda.edu	
Des Moines Area Community College	22
2006 S. Ankeny Blvd. Ankeny	IA 50021
<i>Pat Garvey</i>	Phone 515-964-6529
FAX	
Email	
Dodge City Community College	13
2501 N. 14th Avenue Dodge City	KS 67801
<i>Ronald G. Albrecht</i>	Phone 316-225-1321
FAX	
Email	
Donnelly College	6
608 North 18th Street Kansas City	KS 66102
<i>Gonca Yerteri</i>	Phone 913-621-8790
FAX 913-621-0354	
Email	
East Georgia College	4
131 College Circle Swainsboro	GA 30401
<i>G.W. Donaldson</i>	Phone 912-237-7831
FAX	
Email	

College Sponsor 1997	Years as College Sponsor
El Camino College	24
16007 Crenshaw Blvd. Torrance CA 90506 <i>Barbara Morris</i> Phone 310-660-3242 FAX Email bmorris@admin.elcamino.ca.us	
El Centro College	20
Main and Lamar Dallas TX 75202 <i>R.H. Logan, Jr.</i> Phone 214-74-2382 FAX Email	
Erie Community College	13
4140 Southwestern Blvd. Orchard Park NY 14127 <i>Diane Schulman</i> Phone 716-851-1795 FAX Email schulmdr@snybufaa.cs.snybuf.edu	
Erie Community College- N. Campus	9
Main St. and Young Road Williamsville NY 14221 <i>Gerald Berkowitz</i> Phone 716-634-0800 FAX Email	
Essex Community College	26
7201 Rossville Blvd. Baltimore MD 21237 <i>Carl Minnier</i> Phone 301-522-1546 FAX Email	
Essex County College	5
303 University Avenue Newark NJ 07102 <i>Rudolph B. Jones</i> Phone 201-877-3291 FAX Email	

College Sponsor 1997	Years as College Sponsor
Florida Community College- Kent	4
3939 Roosevelt Blvd. Jacksonville FL 32205 Wendell Massey Phone 904-381-3544 FAX 904-381-3462 Email	
Gainesville College	24
P. O. Box 1358 Gainsville GA 30503 Gary Mc Glaun Phone 770-718-3667 FAX Email gmcglaun@hermes.gc.peachnet.edu	
Garden City Community College	5
801 Campus Drive Garden City KS 67846 Mali Rozbeh Phone 316-276-9552 FAX 316-276-9630 Email	
Gloucester County College	17
Taynard & Salinas Roads Sewell NJ 08080 Ray Gangi Phone 609-468-5000 FAX Email	
Grand Rapids Community College	9
143 Bostwick, N.E. Grand Rapids MI 49503 Roger DeVries Phone 616-771-4255 FAX Email	
Green River Community College	20
12401 S. E. 320th Street Auburn WA 98092 Dennis Regan Phone 206-833-9111 FAX Email	

College Sponsor 1997	Years as College Sponsor
Harford Community College 401 Thomas Run Road <i>Paul J. Santiago</i> FAX 410-836-4410 Email psantiago@harford.cc.md.us	24
Bel Air MD 21015 Phone 410-836-4166	
Highland Community College	15
Pearl City Road Freeport IL 61032 <i>Fred Redmore</i> FAX Email	
Holy Cross College	5
P.O. Box 308 Notre Dame IN 46556 <i>J. Alter</i> FAX Email Phone 219-233-6813 Ext389	
Holyoke Community College	24
303 Homestead Ave. Holyoke MA 01040 <i>Elizabeth G. Tite</i> FAX Email Phone 413-538-7000	
Hudson Valley Community College	24
80 Vandenberg Ave. Troy NY 12180 <i>John Youker</i> FAX Email youkerjoh@hvcc.edu Phone 518-270-7112	
Hutchinson Community College	12
1300 N. Plum Hutchinson KS 67501 <i>Ronald Pfister</i> FAX Email Phone	

College Sponsor 1997	Years as College Sponsor
Jackson Community College 2111 Emmons Rd. Jackson MI 49201 Albert Krieger Phone 517-787-0800 Ext 284 FAX Email	24
Jefferson Community College Outer Coffeen Street Watertown NY 13601 John Penrose Phone 315-786-2231 FAX Email john_penrose@ccmgate.sunyjefferson.edu	12
Kansas City Kansas Comm. College 7250 State Avenue Kansas City KS 66112 David Klein Phone 913-334-1100 Ext 152 FAX 913-596-9606 Email dwk39@aol.com	27
Kilgore College 1100 Broadway Kilgore TX 75662 Jerry Fuller Phone 214-983-8243 FAX Email	10
Kingwood College 20000 Kingwood Dr. Kingwood TX 77339 Jean Whileyman Phone 713-359-1629 FAX 713-359-0440 Email jean.whileyman@mail.nhmccd.cc.tx.us	2
Lane Community College 4000 E 30th Avenue Eugene OR 97405-0640 Shelley Gaudia Phone 541-747-4501 FAX 541-744-3961 Email GaudiaS@lanecc.edu	1

College Sponsor 1997		Years as College Sponsor
Lewis and Clark Community College		24
5800 Godfrey Road	Godfrey	IL 62035
<i>Richard E. Jones, Jr.</i>		Phone 618-466-3411 Ext4833
FAX 618-466-2798		
Email djones@lcmail.lc.cc.il.us		
Linn-Benton Community College		24
6500 S. W. Pacific Rd.	Albany	OR 97321
<i>Peter Scott</i>		Phone 541-917-4741
FAX 541-917-4755		
Email scottp@gw.lbcc.cc.or.us		
Lorain County Community College		27
1005 N. Abbe Rd.	Elyria	OH 44035
<i>James Carney</i>		Phone 330-365-4191
FAX		
Email		
Manatee Community College		8
5840 26th St. W.	Bradenton	FL 33506
<i>Anne Barber</i>		Phone 813-755-1511
FAX		
Email		
McHenry County Community College		23
Rt. 14 at Lucas Rd	Crystal Lake	IL 60012
<i>John Konitzer</i>		Phone 815-455-8714
FAX		
Email jkonitzer@pobox.mchenry.cc.il.us		
Mesa Community College		27
1830 W. Southern Ave.	Mesa	AZ 85202
<i>John Weide</i>		Phone
FAX		
Email		

College Sponsor 1997	Years as College Sponsor
Metropolitan Community College	7
P. O. Box 3777 <i>John Mangini</i> FAX 402-449-8333 Email jmangini@metro.mccneb.edu	Omaha NE 68103 Phone 402-449-8301
Metropolitan Community Colleges	23
3200 Broadway <i>Flin McGhee</i> FAX Email	Kansas City MO 64111 Phone 816-932-7659
Miami-Dade Community College- South Campus	19
11011 S.W. 104th St. <i>Dorma Gottlieb</i> FAX 305-237-2801 Email d004420c@dcfreenet.seflin.lib.fl.us	Miami FL 33176 Phone 305-237-2492
Mid-Plains Community College	7
McDonald-Benton Campus <i>Denise Barnes</i> FAX Email	North Platte NE 69101 Phone 308-532-8980
Middle Georgia College	24
Sarah Street <i>Ronald DeLorenzo</i> FAX Email rdeloren@warrior.mgc.peachnet.edu	Cochran GA 31014 Phone 912-934-3052
Middlesex Community College	15
Springs Road <i>Dorthy A. Stumpf</i> FAX Email	Bedford MA 01730 Phone 617-275-8910

College Sponsor 1997				Years as College Sponsor
Midland College				7
3600 N. Garfield	Midland		TX 79705	
<i>Joe Blumentritt</i>			Phone	
FAX				
Email				
Minneapolis Community College				10
1501 Hennepin Ave.	Minneapolis		MN 55403	
<i>Sharon Sechrist</i>			Phone 612-341-7039	
FAX				
Email				
Monroe Community College				24
1000 E. Henrietta Rd.	Rochester		NY 14623	
<i>G. R. Nobiling</i>			Phone 716-424-5200	
FAX				
Email				
Mott Community College				27
1401 E Court Street	Flint		MI 48503	
<i>Katherine Weissmann</i>			Phone 810-232-6092	
FAX				
Email				
Muskingum Area Technical College				11
1555 Newark Rd.	Zanesville		OH 43701	
<i>Mel Hathaway</i>			Phone 614-454-250Ext256	
FAX 614-454-0035				
Email				
Navarro College				6
3200 West Seventh Ave.	Corsicana		TX 75110	
<i>Tom Hammargren</i>			Phone 214-874-6501	
FAX				
Email				

College Sponsor 1997	Years as College Sponsor
New York City Technical College	27
300 Jay St. Brooklyn NY 11201 <i>Joseph Rosen</i> Phone 718-260-5850 FAX Email	
Normandale Community College	9
9700 France Ave. S. Bloomington MN 55431 <i>Warren Eidsness</i> Phone 612-830-9300 FAX Email	
North Harris College	5
2700 W. W. Thorne Houston TX 77073 <i>Elisabeth Krupa</i> Phone 713-443-5772 FAX Email	
North Iowa Area Community College	24
500 College Drive Mason City IA 50401 <i>Edward Dobrzynski</i> Phone 515-422-4050 FAX Email	
North Lake College	17
5001 Mac Arthur Blvd Irving TX 75038 <i>Floyd King</i> Phone 214-659-5250 FAX Email	
North Seattle Community College	3
9600 College Way North Seattle WA 98103 <i>David W. Robare</i> Phone 206-526-0187 FAX 206-527-3748 Email dwrobare@seaccd.sccd.ctc.edu	

College Sponsor 1997	Years as College Sponsor
Northampton Community College 3835 Green Pond Road Bethlehem PA 18017-7299 Ron DiStefano Phone 215-861-5558 FAX 610-861-5373 Email red@pmail.nrhmc.cc.oh.us	13
Northeast Texas Community College P. O. Box 1307 Mt. Pleasant TX 75456 Jess Dowdy Phone FAX Email	5
Oakland Comm. Coll.- Highland Lakes Campus 7350 Cooley Lake Rd. Waterford MI 48327-4187 William Nolan Phone 248-360-3183 FAX Email	1
Oakland Comm. College - Auburn Hills 2900 Featherstone Rd. Auburn Hills MI 48326 Tamar Susskind Phone 810-340-6629 FAX 810-340-6513 Email tysuski@occ.cc.mi.us	24
Oakton Community College 1600 E. Golf Road Des Plaines IL 60016 C. Churchill Phone FAX Email	18
Olympic College 1600 Chester Ave. Bremerton WA 98310 Robert Kieburz Phone 360-478-6486 FAX 360-478-4652 Email rdkiebur@olympic.ctc.edu	11

College Sponsor 1997	Years as College Sponsor
Paul Smith's College	24
Rts. 192 & 30 Paul Smith's <i>Patricia C. Flath</i> FAX Email flathp@paulsmiths.edu	NY 12970 Phone 518-327-6848
Portland Community College	10
P. O. Box 19000 Portland <i>Dexter Plumlee</i> FAX Email	OR 97219 Phone 503-244-6111
Prairie State College	24
P. O. Box 487 Chicago Heights <i>Roma Adventi</i> FAX Email	IL 60411 Phone 312-756-3110
Prince George's Community College	18
301 Largo Rd. Largo <i>Scott A. Sinex</i> FAX Email ss1@pgstumail.pg.cc.md.us	MD 20774-2199 Phone 301-322-3023
Saddleback College	23
28000 Marguerite Parkway Mission Viejo <i>Curtis L. McLendon</i> FAX 714-347-1936 Email mclendon_c@sccd.cc.ca.us	CA 92692 Phone 714-582-4809
San Jacinto College- Central	7
8060 Spencer Highway Pasadena <i>Ann Cartwright</i> FAX 713-478-2757 Email acartw@sjcd.cc.tx.us	TX 77505 Phone 713-476-1882

College Sponsor 1997	Years as College Sponsor
Sauk Valley College	17
173 Il Route 2 Dixon Dale Heuck FAX Email	IL 61021 Phone 815-288-5511
Schoolcraft College	10
18600 Haggerty Road Livonia Bill Nickels FAX 313-462-4531 Email wnickels@schoolcraft.cc.mi.us	MI 48152 Phone 313-462-4400 Ext5243
Seattle Central Community College	24
1701 Broadway (BE5104) Seattle Herb Bryce FAX Email hbryce@seaccc.sccd.ctc.edu	WA 98155 Phone 206-587-6921
Shoreline Community College	2
16101 Greenwood Ave. North Seattle Clarita Bhat FAX Email	WA 98133 Phone 206-546-4575
Sierra College	16
5000 Rocklin Rd. Rocklin H. Vanderbilt FAX Email	CA 95677 Phone 916-624-3333
Sinclair Community College	24
444 W. Third Street Dayton Richard F. Jones FAX 513-449-5164 Email rjones@sinclair.edu	OH 45402 Phone 513-226-7907

College Sponsor 1997	Years as College Sponsor
South Arkansas Community College	10
300 South West Avenue El Dorado Chemistry Dept. Chair FAX Email	AR 71730 Phone 501-862-8131
South Suburban College	7
15800 S. State Street South Holland Diane Ostojic FAX Email	IL 60473 Phone 708-596-2000
Southeast Community College-Lincoln	2
8800 "O" Street Lincoln John Kenkel FAX 402-437-2402 Email jkenkel@aol.com	NE 68520 Phone 402-437-2485
St. Clair County Community College	13
323 Erie St. Port Huron Joseph P. Gibbons FAX 810-984-4730 Email	MI 48061-5015 Phone 810-989-5655
St. Louis Community College- Flo Valley	10
3400 Persall Rd. St. Louis Tom Mines FAX Email	MO 63135 Phone 314-595-4388
St. Louis Community College-Meramec	27
11333 Big Bend Blvd. St. Louis Ralph Burns FAX Email	MO 63122 Phone 314-966-7718

College Sponsor 1997	Years as College Sponsor
Stark State College of Technology	7
6200 Frank Ave. NW Canton	OH 44720
<i>Donna Harrison</i>	Phone 330-494-6170 Ext 428
FAX 330-494-0571	
Email dharrison@stark.cc.oh.us	
Tarrant County Jr. College- S.	27
5301 Campus Drive Forth Worth	TX 76119
<i>Edith Bartley</i>	Phone
FAX	
Email	
Tarrant County Jr. College-N.E.	27
828 Harwood Road Hurst	TX 76055
<i>Sonja Davison</i>	Phone 817-515-6346
FAX	
Email	
Texarkana College	6
2500 N. Robinson Rd. Texarkana	TX 75501
<i>Mike Buttram</i>	Phone 903-838-4541 Ext280
FAX	
Email	
Treasure Valley Community College	2
650 College Blvd Ontario	OR 97914
<i>Carlton Fletcher</i>	Phone 541-889-6493
FAX 541-881-2717	
Email cfletcher@mailman.tvcc.or.us	
Trident Technical College	3
7000 Rivers Ave. Charleston	SC 29406
<i>Alex Bell</i>	Phone 803-572-6159
FAX 803-569-6470	
Email zpbella@trident.tec.sc.us	

College Sponsor 1997	Years as College Sponsor
Truckee Meadows Community College 7000 Dandini Blvd <i>Eun-Woo Chang</i> FAX Email	Reno NV 89512 Phone 702-673-7089 10
University College, Univ. Cincinnati Mail Location 168 <i>Mary Fox</i> FAX 513-556-3007 Email foxmc@uc.edu	Cincinnati OH 45221 Phone 513-556-1710 6
Valencia Community College P. O. Box 3028 <i>Silvia Zapico</i> FAX 407-299-5000 Ext 2437 Email	Orlando FL 32802 Phone 407-299-5000 Ext 2434 10
Valley Forge Military College 1001 Eagle Rd., Sorley House <i>LTC Sam Wrightson</i> FAX Email	Wayne PA 19087 Phone 7
Victoria College 2200 E. Red River <i>Ray S. Sager</i> FAX Email	Victoria TX 77901 Phone 512-573-3291 7
Vincennes University 1002 N. 1st Street <i>Jay Bardole</i> FAX 812-888-4540 Email jbardole@vunet.vinu.edu	Vincennes IA 47591 Phone 812-888-4372 27

College Sponsor 1997	Years as College Sponsor
Walters State Community College 500 S. Davy Crockett Parkway Morristown TN 37814 Mary C. Lu Phone FAX Email	10
Westark Community College P. O. Box 3649 Fort Smith AR 72913 Thomas R. Clark Phone 501-785-4241 FAX Email	27
Western Nebraska Community College 1601 E. 27th Scottsbluff NE 69361 Gordon Harrach Phone 308-635-3606 FAX Email	9
William Rainey Harper College 1200 West Algonquin Road Palatine IL 60067 Dave Macaulay Phone 847-925-6450 FAX Email dmacaula@harper.cc.il.us	24

Please check for corrections and notify Jeff Cramer.

Respectively submitted;


Jeffrey L. Cramer, College Sponsor Chair
Stark State College of Technology
6200 Frank Ave. NW
Canton, OH 44720
Ph 330-966-5457 Ext 377
FAX 330-494-0571
email jrcramer@stark.cc.oh.us

2YC₃ College Sponsorship Application

Committee on Chemistry in the Two-Year College(COCTYC)
Division of Chemical Education
American Chemical Society

College Name _____

College Address(Street) _____

CollegeAddress(City,State, Zip) _____

Contact Person: (Title) _____ (Name) _____

Phone _____ Ext. _____

Fax _____ e-mail _____

Address if different from above _____

All questions and correspondence concerning 2YC₃ College Sponsorship should be directed to:

Jeff Cramer
Stark State College of Technology
6200 Frank Ave NW
Canton, Ohio 44720-7299
Phone 330-966-5457 Ext 377
FAX 216-494-0571
email jcramer@stark.cc.oh.us

Please send your \$25 check payable to COCTYC or 2YC₃ and the completed application to Jeff Cramer at the above address.

2YC₃ is a tax-exempt organization, Tax I.D. number 23-7169683

144th 2YC₃

Membership Report

Renewals to Date: 218

Seventy-one 2YC₃ members have taken advantage of the opportunity to join both the Division of Chemical Education and 2YC₃. This offer is for members of 2YC₃ who are not members of the Division of Chemical Education.

Submitted by Richard F. Jones
March 2, 1998

APPLICATION FOR 2YC₃ 1998 SUMMER INSTRUMENTATION INSTITUTE

Name _____ Social Security # _____
 School _____ Home Address _____
 Address _____ City (home) _____
 City _____ State (home) _____
 State _____ Zip (home) _____
 Zip _____ Home Phone (____) _____
 School Phone (____) _____ e-mail (home) _____
 e-mail _____
 Number of years teaching at two-year college level _____
 Freshman or sophomore chemistry course responsibilities _____
 Highest degree in chemistry _____, Institution _____
 What instruments do you have experience in using _____

Circle one (optional) Female Male

Circle one (optional) African-American Asian Caucasian Hispanic Native American Other _____

Please indicate your instrument preference on the table below: 1 = first choice; 2 = second choice; 3 = third choice

George Mason University Campus Fairfax, VA June 14 - 19, 1998	Western Washington University Campus Bellingham, WA July 26 - 31, 1998
<i>PC - Software</i> Stephen L. Davis, Associate Professor	<i>NSF Computer Interface Workshop</i> Donald King, Professor; John Weyh, Professor
<i>Infrared (FTIR)</i> Wayne Stalick, Professor	<i>PC - Software/Molecular Modeling</i> Donald Pavia, Professor
<i>Chromatography (GC, GC/MS and HPLC)</i> Gregory D. Foster, Assistant Professor	<i>Environmental Chemistry</i> Devon Cancilla

Please tell why you are interested in attending the 2YC₃ Summer Instrumentation Institute and how you plan to utilize the knowledge gained. Use the reverse side if necessary. _____

Please return to:

Richard Jones, Ph.D.
 Sinclair Community College
 444 West Third Street
 Dayton, Ohio 45402-1460
 Fax: (937) 512-5164



Two Year
 College
 Chemistry
 Conference



Sinclair
 Community
 College

Applicants will be accepted on a "rolling admissions" basis.

SUMMER INSTRUMENTATION INSTITUTE 1998

2YC₃ and a coalition of 2-year and 4-year colleges have received funding from NSF for the Instrumentation Workshops. Workshops on FTIR, PC-Software, and GC/MS and GC/HPLC will be at George Mason University (Fairfax, VA) June 14-19, 1998, and PC Interfacing, PC Software/Molecular Modeling and Environmental Chemistry will be at Western Washington University (Bellingham, WA) July 26-31, 1998. Applicants will be accepted on a "rolling admissions" basis.

For additional information contact Richard Jones at Sinclair Community College, Dayton, OH 45402-1460; voice mail: (937) 512-2322; fax (937) 512-5164; and email - rjones@sinclair.edu.

George Mason University, Fairfax University June 14-19, 1998

PC SOFTWARE

Explore the use of PC software to supplement and enhance coursework in chemistry. Survey the various types of tools available, including spreadsheets, presentation graphics, molecular modeling and drawing, simulations and the Internet. Become familiar with the capabilities of such tools through tutorials and extensive hands-on use in typical, chemistry-related applications.

Faculty: Stephen L. Davis, Ph.D.

INFRARED (FTIR)

The basic principles of FT-IR are covered with discussion on the instrumentation, application and advantages over dispersive IR. Faculty obtain extensive spectrometer experience with hands-on practice in qualitative analysis of organic compounds and choices of experiments in general and inorganic chemistry depending on individual needs. Computerized data manipulations of the taken spectra will be covered. Additionally, reviews of the many IR databases, teaching videos and search routines that are available will be presented.

Faculty: Wayne Stalick, Ph.D.

CHROMATOGRAPHY (GC, GC/MS and HPLC)

Experience high-resolution GC and GC/MS separations, and normal-phase, reverse-phase, and steric exclusion HPLC. Topics include basic theory of chromatography, GC and HPLC applications, and GC/MS operation. Hands-on practice with GC, GC/MS and HPLC instrumentation in qualitative and quantitative analysis will be emphasized.

Faculty: Gregory D. Foster, Ph.D.

Western Washington University, Bellingham, WA July 26-31, 1998

NSF COMPUTER INTERFACE WORKSHOP

This workshop will focus on integration of computers into chemistry laboratory instruction using a commercially available interface (LabWorks). This easy-to-use integrated software/hardware package permits students to design experiments, rapidly collect experimental data, and use a spreadsheet to look for generalizations and mathematical relationships. No programming experience is necessary. Most experiments will be drawn from the freshman chemistry program, although participants will be encouraged to develop experiments for the courses they teach.

Faculty: Don M. King, Ph.D. and John A. Weyh, Ph.D.

PC SOFTWARE/MOLECULAR MODELING

Chemistry software will be the emphasis of this workshop. Participants will use molecular modeling software to calculate molecular geometries and properties, and to display molecules and orbitals. SPARTAN, HyperChem and Alchemy III will be available in a networked lab with 5 SGI and 21 IBM-486 computers. Other chemistry tools such as Excel, Isis Draw, Origin-3D, NMR processing and simulation, and a wide variety of instructional and tutorial software will be available. Laser disc, CD-ROM, and software materials will be available in a network- and internet-connected, multi-media classroom adjacent to the computer lab.

Faculty: Donald Pavia, Ph.D.

ENVIRONMENTAL CHEMISTRY

This workshop takes a problem-based approach to the identification of environmental contaminants and develops the methodology needed for integrating appropriate environmental experiments in the general chemistry curriculum. Participants will be provided with data and information from an "environmental incident" involving a chemically contaminated site. Using actual environmental samples, participants will develop strategies necessary to define the extent of contamination and will propose a response strategy based upon their findings. Emphasis will be placed upon the development of appropriate methods using GC, GC/MS, and LC systems.

Faculty: Devon Cancilla, Ph.D.

SUMMER INSTRUMENTATION INSTITUTE 1998

Sponsored by Sinclair Community College, Dayton, Ohio

Funded by the National Science Foundation

Locations: George Mason University
Western Washington University

The National Science Foundation (NSF) has funded a consortium of 2YC₃, three, two-year colleges and three, four-year colleges to offer a series of instrumentation workshops during the summers of 1998 and 1999. The primary purposes of the grant are to improve the knowledge of two-year college chemistry faculty in modern instrumentation and improve the competitiveness of two-year faculty in preparing NSF Improvement Laboratory Instruction (ILI) proposals. This project is a continuation and an expansion of an earlier project of 2YC₃, Sinclair Community College and the University of Dayton.

Two-year college participants will study the theory, applications and maintenance of an instrument in an intensive, hands-on, week-long workshop. The number of participants in each workshop is 6. Included will be a workshop on writing NSF ILI proposals. The workshops will be held at two sites: George Mason University in Virginia with Northern Virginia Community College and Western Washington University in Washington with Shoreline Community College. Each site will conduct the workshops at a different time and with unique instrumentation workshops.

GENERAL INFORMATION

Laboratory sessions will be held in the instructional labs of the various colleges. Participants attend one instrumentation workshop, and should indicate workshop preference on the registration form. Participants will also tour the state-of-the-art facilities at those institutions.

Travel, Housing and Meals

Information on accommodations, the daily schedule and special tours and events will be sent with confirmation of registration. Invited participants will receive additional information concerning the specific workshop they will be attending.

REQUIREMENTS

The Summer Instrument Institute is open to all two-year college chemistry teachers who:

- Have at least five years of teaching experience in two-year college chemistry instruction
- Are responsible for at least one of the freshman general chemistry courses or sophomore courses offered at their campus
- Agree to participate in the entire one-week institute
- Hold at least a master's degree in chemistry or closely related field
- Have experience in using chemical instrumentation

An attempt will be made to include two-year faculty from each geographic region of the country. Women and minority faculty members are especially invited to apply. The tuition, room and board for two-year college chemistry faculty members is covered by the NSF grant while the institute participants are expected to pay their own travel expenses.

Applicants will be accepted on a "rolling admissions" basis.



Two Year
College
Chemistry
Conference



Sinclair
Community
College



This project was supported, in part,
by the

National Science Foundation

Opinions expressed are those of the authors
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Lincoln, NE 68506

CONFERENCE SUMMARY CALENDAR, October 28, 1997

Academic Year	First Conference	Second Conference	Third Conference	Fourth Conference
1997-1998			<p>144th SOUTHERN Mar. 27-28, 1998 Dallas, TX (ACS-Dallas March 29-April 3, 1998)</p>	<p>145th EASTERN Aug. 9-13, 1998 Waterloo, Ontario Canada (15th Biennial)</p>
1998-1999	<p>146th MIDWESTERN Sept. 18-19, 1998 Bismarck, ND</p>	<p>147th SOUTHERN Nov. 20-21, 1998 Jacksonville, FL</p>	<p>148th WESTERN March 19-20, 1999 (ACS-Anaheim March 21-25, 1999) Monterey Park, CA</p>	<p>149th EASTERN June, 1999 Joint with C₃, Canada Loyalist College Bellevue, Ontario, Can.</p>
1999-2000	<p>150th MIDWESTERN Sept. 24-25, 1999 South Holland, IL</p>	<p>151st SOUTHERN Nov 5-6, 1999 Fort Smith, AR</p>	<p>152nd WESTERN March 24-25, 2000 Las Vegas (ACS - Las Vegas March 26-31)</p>	<p>153rd MIDWESTERN Summer 2000 University of Michigan Ann Arbor, MI (16th Biennial)</p>
2000-2001	<p>154th Early Fall, 2000</p>	<p>155th Late Fall, 2000</p>	<p>156th WESTERN March 30-31, 2001 (ACS - San Francisco April 1-5, 2001)</p>	<p>157th Summer, 2001</p>

TWO-YEAR COLLEGE CHEMISTRY CONFERENCE SITES

1997-98 ACADEMIC YEAR

144th CONFERENCE (SOUTHERN) March 27-28, 1998
(March 29-April 3, 1998, ACS National Meeting, Dallas)

Tarrant County Junior College, Northeast Campus
828 Harwood Road
Hurst, TX 76054

Contact: Sonja Davison
OFFICE: (817) 788-6547
Mentor: Edith Bartley

145th CONFERENCE (15TH BIENNIAL) August 9-13, 1998

Waterloo, Ontario, Canada

Contact: Uni Susskind
Oakland Community College
2900 Featherstone Road
Auburn Hills, MI 48326
OFFICE: (810) 340-6629
email: tysuski@vm.occ.cc.mi.us
alternate email: tysuski@oakland.edu

1998-99 ACADEMIC YEAR

146th CONFERENCE (MIDWESTERN) September 18-19, 1998

Bismarck State College
1500 Edwards Avenue
Bismarck, ND 58501

Contact: Frank Koch
Bismarck State College
OFFICE: (701) 224-5400
email: fkoch@badlands.nodak.edu
Mentor: John Kenkel

147th CONFERENCE (SOUTHERN)

November 20-21, 1998

Florida Community College-Kent Center
3939 Roosevelt Blvd.
Jacksonville, FL 32205

Contact: Wendell Massey
OFFICE: (904) 381-3544
email: massey1@mail.firn.edu

148th CONFERENCE (WESTERN)
(March 21-25, ACS National Meeting, Anaheim)

March 19-20, 1999

East Los Angeles College
1301 Avenida Cesar Chavez
Monterey Park, CA 91754-6099

Contact: Carcy Chan
OFFICE: (213) 265-8602
email: chancl@laccd.edu
Mentor: Terri Beam

149th CONFERENCE (EASTERN)

June, 1999

Joint meeting with C₃ of Canada
Loyalist College
Bellevue, Ontario, Canada

Contacts: Don Todd (C₃)
Loyalist College
Email: dtodd@loyalistc.on.ca

1999-2000 ACADEMIC YEAR

150th CONFERENCE (MIDWESTERN)

September 24-25, 1999

**South Suburban College
15800 South State Street
South Holland, Illinois 60473**

**Contact: Diane Ostojic
OFFICE: (708) 210-5716
email: dostojic@acilan.ssc.cc.il.us
Mentor: Jay Bardole**

151st CONFERENCE (SOUTHERN)

November 5-6, 1999

**Westark Community College
5210 Grand Avenue
P.O. Box 3649
Fort Smith, Arkansas 72913-3649**

**Contact: Thomas Clark
OFFICE: (501) 788-7000
email: tclark@mail.westark.edu
Mentor: Dave Klein**

**152nd CONFERENCE (WESTERN)
(March 26-31, ACS National Meeting, Las Vegas)**

March 24-25, 2000

**Community College of Southern Nevada
West Charleston Campus
6375 West Charleston Blvd.
Las Vegas, NV 89102**

**Contact: Kaveh Zarrabi
OFFICE: (702) 651-5693
email: zarrabi@nevada.edu
Mentor: Dick Gaglione**

153rd CONFERENCE (16th BIENNIAL)

Summer, 2000

University of Michigan
Ann Arbor, MI

2000-01 ACADEMIC YEAR

154th CONFERENCE

Early Fall, 2000

155th CONFERENCE

Late Fall, 2000

156th CONFERENCE (WESTERN)
(April 1-5, 2001, ACS National Meeting, San Francisco)

March 30-31, 2001

157th CONFERENCE

Summer, 2001

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144th 2YC₃ Program
Tarrant County Junior College, Northeast Campus
828 Harwood Road, Hurst, Texas 76054
March 27-28, 1998

Program Theme:

**Chemistry in the New Millennium:
The Future in the Classroom, Research, and Technology**

Friday, March 27, 1998

- | | |
|-------------|---|
| 8:00–9:00 | Registration, Continental Breakfast |
| 9:00–9:45 | Membership Meeting (all are welcome) |
| 9:45–10:15 | Exhibits and Refreshments |
| 10:15–10:45 | Welcome
Mr. Gary Smith, Department Chair of Science
Dr. Larry Darlage, President of the Northeast Campus |
| 10:45–11:30 | “Superconducting Polymers”
Dr. Ronald Elsenbaumer, Chair
Department of Chemistry & Biochemistry and
Department of Materials Science & Engineering
University of Texas at Arlington |
| 11:30–1:00 | Lunch - on your own
Don't forget to check out the Exhibits!!! |
| 1:00–1:45 | 2 + 2 = Success, Working with the Local High Schools to
Promote Student Success in the Two-Year College
Dr. Leonardo de la Garza
Chancellor, Tarrant County Junior College District |
| 2:00–2:45 | Finding a Community Need and Meeting It
Dr. Beryl McKinnemey
Dean of Math, Science, and Technology,
Tarrant County Junior College – Southeast Campus |
| 3:00–3:45 | Industry's Viewpoint on the Junior College's
Role in Industry
Mr. Michael Thomas, Director of School to Industry Partnership National Semiconductor,
Arlington, TX |

4:00–6:00 Free-time/Travel to Fort Worth Museum
6:00–10:00 **Evening at the Fort Worth Museum of Science and History**
Museum Tour, Omni Theater, and Buffet

Saturday, March 28, 1998

8:00–9:00 **Registration, Continental Breakfast**
9:00–9:30 **Promoting Success of the Two-Year Transfer Student
at the University**
Dr. Jimmy Rogers
University of Texas at Arlington
9:45–10:15 **Adventures in Distance Learning with Nontraditional Students**
Dr. Doris Kimbrough
University of Colorado at Denver
10:15–10:30 Exhibits and Refreshments
10:30–11:15 **Accessing Current Research from the Web**
Mrs. Anne Drake
Tarrant County Junior College - Northeast Campus
11:15–11:45 **Sharing by the Attendees on their use of the Web**
Bring Web Site Addresses with you
11:45–12:15 **Box Lunch** - Don't forget to visit the Exhibits
12:15–12:30 Break/Move to Computer Lab
12:30–1:30 **How to Create a Multimedia Chemistry Lecture**
Mrs. Jo Blackburn and Mr. Ralph Blackburn
Richland College - Dallas County Community College District
1:30–3:00 **Panel Discussion With our Speakers and/or
Use of computers and available software to apply
what we have learned.**

If you need additional information, contact Sonja Davison or Shelli Bigham.

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