146th 2YC₃ Conference

Division of Chemical Education, Inc. American Chemical Society



Chemistry: Applied to Things Around Us



Bismarck State College 1500 Edwards Avenue Bismarck, ND 58501 September 18-19, 1998

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE

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

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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.

145th TWO-YEAR COLLEGE CHEMISTRY CONFERENCE BUSINESS MEETING BISMARCK STATE COLLEGE BISMARCK, ND September 18, 1998

AGENDA

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

T	INTR	ODII	CTI	ONS
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- A. Officers and Past Chairs
- B. Self-introduction of Advisory Board Members and others present

II. MINUTES FROM THE 144th CONFERENCE,

Tarrant County Junior College, Northeast Campus

A. Advisory Board Approval

B. COCTYC Information

page 2
page 6

III. REPORTS

- A. Oral Report: 2YC₃ Tarrant County Junior College, March 27, 1998 Tom Gruber
- B. Treasurer, Jeff Cramer

 C. College Sponsors, Jeff Cramer

 D. Membership Dick Jones

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 page 15

 page 36
- D. Membership, Dick Jones

 E. Industrial Sponsors, Michaeleen Lee

 F. Future Meeting Sites, John Kenkel

 page 39

 page 40
- G. Editor, Web Master, Jay Bardole
- H. DivCHED, Ann Cartwright

IV. ANNOUNCEMENTS AND NEW BUSINESS

- A. 15th Biennial, Uni Susskind
- B. 16th Biennial, Dick Jones
- C. Journal of Chemical Education, Ann Cartwright
- D. Other

V. INTRODUCTION OF NEW ARRIVALS

VI. ADJOURNMENT

145th TWO-YEAR COLLEGE CHEMISTRY CONFERENCE COCTYC MEETING BISMARCK STATE COLLEGE BISMARCK, ND September 19, 1998 AGENDA

I. ADDITIONS/DELETIONS TO AGENDA

II. APPROVAL OF MINUTES, 144th CONFERENCE

III. REPORTS

- A. Bismarck State College, Frank Koch
- B. Personnel Matters, Carol
- C. Future Sites, John
- D. 15th Biennial, Uni,
- E. 16th Biennial, Dick
- F. Budget, Jeff
- G. College Sponsors, Jeff
- H. Membership, Dick
- I. Industrial Sponsors, Michaeleen
- J. Editor's Report, Jay
- K. DivCHED, Ann
- L. Journal of Chemical Education, Ann

IV. OLD BUSINESS

- A. Newsletter Income Statement Form, Jeff
- B. 2YC₃ URL, Jay
- C. Regional Advisory Board Members, Carol
- D. Selling/giving 2YC₃ Membership Lists
- E. Financial Audit, Jeff
- F. Newsletter on the Internet, Jay
- G. Contacts for Industrial Sponsors, Michaeleen

V. NEW BUSINESS

- A. By-Laws Revisions
- B. Other

VI. ADJOURNMENT

144TH Two-Year College Chemistry Conference General Membership Meeting

Tarrant County Junior College Northeast Campus, Hurst, TX March 27, 1998

This meeting was called to order by Carol White at 9:05 A.M.

I. Introductions

The following were present and introduced themselves: COCTYC Members: Carol White, Chair, Tom Gruber, Chair-elect; Dick Jones, Immediate Past Chair/Membership Chair, John Kenkel, Past Chair; Ann Cartwright, Past Chair; Jeff Cramer, Treasurer/College Sponsors; Michaeleen Lee, Industrial Sponsors Chair; Jay Bardole, Newsletter Editor. Past Chairs of 2YC₃: Wendell Massey, David Klein, Ralph Burns, Edith Bartley, Onofrio Gaglione, and Uni Susskind. Other attendees introduced themselves and stated their school affiliation.

II. Minutes from the 143RD Conference, Central Community College

The minutes of the 143rd Conference are on page 2 of the 144th Agenda Book. The minutes were approved as written.

Carol White explained that 2YC₃ stands for The Two-Year College Chemistry Consortium and is the organization run by the executive committee of the Committee on Chemistry in the Two-Year College, COCTYC, a committee of the Division of Chemical Education of the American Chemical Society. The mission of 2YC₃ is to conduct four conferences annually. This is the 144th 2YC₃ Conference. Carol pointed out that information about COCTYC members can be found on the front cover of the Newsletter and on the front page of the Agenda Book. Chair Emeriti are listed on page 49.

III. Reports

A. Hastings Conference, November 14-15, 1997

Tom Gruber presented the report on the Central Community College meeting that was held on November 14-15, 1997. He stated that the theme of the conference was "Chemistry in the Heartland." The conference was well attended. The conference program contained many presentations that emphasized industrial chemical applications such as, "Remediation of Contaminated Groundwater Supplies," "Chemistry of Food Preservation," "Soil Analysis: An Application of Chemistry," "Science of an Agricultural Testing Laboratory," and "Chemistry of Ethanol Production." Topics in Chemical Education included "Uses and Abuses of Multimedia in the College Classroom" and a session on "K-12 Classroom Science Activities." The program also included a choice of tours of industrial sites near the college campus. The banquet speaker was Dr. Jim Dugan who gave an entertaining presentation entitled "AURORA: Nature's Fantastic Light."

B. Treasurer's Report

Jeff Cramer presented the budget report which is printed on page 11 of the 144th Agenda Book and stated that the finances for 1997 showed a positive net balance because the organization drew upon its reserves to meet expenses. The financial budget for 1998 is in order and barring a drastic change in membership, college sponsors, etc., the organization should be able to meet its expenses for 1998.

C. College Sponsor's Report

Jeff also reported the list of College Sponsors which begins on page 12 of the Agenda Book. The report shows 129 sponsors but there should be 130 sponsors listed for 1997. He encouraged everyone whose college was not already a sponsor to become one. The College Sponsor form is on page 34 of the Agenda Book. He also requested that those present check the information on their college and let him know of any needed corrections.

D. Membership

Dick Jones pointed out the membership report on page 35 of the Agenda Book. As of March 2, there are 218 renewals. He also noted that seventy-one members have taken the advantage of the opportunity to join both the Division of Chemical Education and 2YC₃. He mentioned that this offer is for members of 2YC₃ that are not members of the Division of Chemical Education. A form on page 4 of the current newsletter can be used to take advantage of this offer.

E. Industrial Sponsors

Michaeleen Lee reported that there are 19 Industrial Sponsors as shown on page 39 of the Agenda Book. She encouraged everyone to help recruit new Sponsors among companies and businesses with whom they do business. It is important to approach marketing managers especially with regard to publishing companies. She suggested that you start with your local rep and work up the chain of command to the marketing manager.

F. Future Meeting Sites

John Kenkel reported on future sites. The conference calendar for the next several years can be found on page 40 with more detailed information about each conference on the pages that follow. John asked that the following changes and additions be made to those pages.

152nd Conference, March 24-25, 2000, San Francisco area, the site to be determined The ACS has changed its meeting site from Las Vegas to San Francisco. (ACS - San Francisco, March 26-31, 2000)

154th Conference, Early Fall 2000, Hudson Valley Community College, Troy, N.Y.

155th Conference, Late Fall 2000, Southern, TBA - Site needed

156th Conference, March 30-31, 2001, San Diego, CA - site TBA

(ACS - San Diego, April 1-6, 2001)

157th Conference, 2001, University of Cincinnati, College of Technology, Cincinnati, OH

158th Conference, 2001, Anoka-Ramsey Community College, Coon Rapids, MN

159th Conference, 2001, Community College of Southern Nevada, Las Vegas, NV 160th Conference, March 30-31,2002, Orlando, FL

(ACS - Orlando, April 1-6, 2002)

John reminded everyone that the next conference will be the 15th Biennial Conference on Chemical Education to be held in Waterloo, Canada, August 9-13, 1998.

G. Newsletter/Web Page

Jay Bardole encouraged everyone to visit the 2YC₃ web site and to take advantage of the links and services it offers. The address is listed in the Newsletter. Jay invited those present to send to him materials that they would like to see in the newsletter. The deadline for the next issue is April 1.

H. DivCHED

Ann Cartwright reported on DivCHED activities. Ann stated that she is 2YC₃'s liaison to DivCHED. She explained how the role of liaison came to be and how her efforts in this role and the efforts of others such as Uni Susskind, who chairs the Personnel and Nominations Committee of DivCHED, have made it easier for two-year college members to become involved in DivCHED activities. She urged all 2YC₃ members that are not members of DivCHED to become either full or affiliate members of the Division. She reminded everyone that affiliate members do have voting privileges.

IV. Announcements and New Business

A. 15th Biennial

Uni Susskind, $2YC_3$'s contact with the 15^{th} Biennial, reported that registration materials are ready. She stated that many $2YC_3$ people are involved in the Biennial and cited John Kenkel's symposium and Ann Cartwright's poster session as examples. She pointed out that $2YC_3$ is a co-sponsor of an ice cream social scheduled for Monday night and will share a booth with C_3 . She encouraged as many two-year people as possible to attend this event.

B. Journal of Chemical Education

Ann Cartwright reminded everyone about the 2YC₃ column found in the *Journal of Chemical Education*. She explained that the column in the *Journal* was resumed at the invitation of John and Betty Moore who are Editor and Associate Editor. Many prominent chemical educators have written articles of this column. President Clinton's remarks concerning the role of the community college in America's future, which were made in a visit to Houston, were published under the 2YC₃ banner. Ann mentioned that the *Journal* is going on-line and that many special deals are being offered to subscribers. Also, the editors of the *Journal* are attempting to increase the list of reviewers to 3000 in an attempt to shorten the time between submission and subsequent publication of a paper. People interested in doing such work should obtain an application from Ann.

C. Other

Carol White mentioned that the revised Guidelines for Chemistry in Two-Year Colleges is available. Everyone should have a copy. The document covers both academic and technical programs in chemistry. If you do not have a copy, contact ACS.

Carol also announced that Dick Jones has been selected to be the Two-Year Program Chair for the 16th Biennial to be held in Ann Arbor, Michigan in the summer of 2000.

IV. Introduction of late arrivals - No late arrivals

V. Adjournment

The meeting was adjourned at 9:51 A.M.

Respectfully submitted, Tom Gruber, Chair-elect

144th Two-Year College Chemistry Conference COCTYC Meeting

Tarrant County Junior College Northeast Campus, Hurst, TX March 26, 1998

Attendance

Members:

Jay Bardole, Ann Cartwright, Jeff Cramer, Tom Gruber, Dick Jones,

John Kenkel, Michaeleen Lee, Carol White

Guests:

Edith Bartley, Sonja Davison, Onofrio Gaglione, Dave Klein,

Paul O'Brien, Uni Susskind

Call to Order

The meeting was called to order at 7:07 P.M. by Carol White at the Super 8 Motel

I. Additions/Deletions to Agenda

The following additions were made to the agenda:

Section V D. Dick's appointment as Two-Year College Program Chair for the 16th Biennial

Section V E. Names of 2YC₃ members for committee work in DivCHED

II. Approval of Minutes, 143RD Conference

The minutes of the 143rd Conference held at Central Community College are on page 4 of the 144th Agenda book. A motion was made by Jay, seconded by Dick to approve the minutes as written. The motion passed

III. REPORTS

A. Tarrant County College Conference

Sonja Davison of Tarrant County College, Northeast campus appeared before the committee and declared that the 144th Conference was ready to go. As of March 26, 1998, there were 56 people preregistered. Five or six exhibitors indicated that they would be present. She stated that there will be one change of a speaker in the program as printed in the newsletter and that corrections to the program have been made in the registration packet materials to reflect this. Sonja reminded everyone that the banquet will be held at the Omni Theater in Forth Worth. The banquet is scheduled for 6:30 P.M. with the viewing of the Omni presentation scheduled for 8:30 P.M. Transportation for those needing it will be available. Maps will be available for those having their own cars. She stated that signs have been strategically placed about the campus in order to help participants find their way about the Conference site. Sonja cited Shelly Bingham for her help in the planning of the Conference. After her presentation, Sonja left the meeting.

B. Personnel Matters

Carol reported that she has received no response to the postings in the Newsletter regarding the positions of Chair-elect 2000 and Membership Chair. Some present indicated that Carol may have to actively seek people interested in the positions. Carol asked that suggestions concerning possible candidates be forwarded to her. The postings will appear in the next Newsletter. An application deadline for both positions is September 1, 1998. Elections are scheduled to take place later in the Fall. Dick stated that the response in the recent election was very good.

C. Future Sites

John was not present for the beginning of the meeting. His report was given after the College Sponsors report.

John reported that the conference calendar appears solid through 1999. He mentioned the inexperience of the chairs of the 150th and 151st Conferences. Tom will closely monitor the progress of the 150th and 151st Conferences and offer any help and encouragement that might be needed by those chairs.

Details of the 145th, 146th, 147th, 148th, 149th, 150th, 151st, and 153rd Conferences can be found in the 144th Agenda book starting on page 41. According to John, the most pressing problem is the securing of a site for the 152rd Conference. This Conference was originally scheduled for March 24-25, 2000, in Las Vegas. Las Vegas was to be the site of the ACS National Meeting. The ACS has moved its meeting to San Francisco, hence the need for the changing of the site of the 152rd Conference to San Francisco. John has e-mailed some people in the San Francisco area about being the host institution. Paul O'Brien will ask people in that area and get back to John. John asked that others should also forward names to him. Jay expressed concern that the past few western conferences have been held in California. He wondered what could be done about that.

John asked that the Committee give consideration to the following slate of Conference sites:

154th Conference, Early Fall 2000, Hudson Valley Community College, Troy, N.Y.

157th Conference, 2001, University of Cincinnati, College of Technology, Cincinnati, OH

158th Conference, 2001, Anoka-Ramsey Community College, Coon Rapids, MN

159th Conference, 2001, Community College of Southern Nevada, Las Vegas, NV

A motion was made by Tom, seconded by Ann that the Committee adopts the above slate of sites as the official sites of the 154th, 157th, 158th, and 159th Conferences respectively. The motion passed.

John reported that he is actively seeking sites for the following conferences:

152nd Conference as detailed above.

155th Conference, Late Fall 2000, Southern Region

156th Conference, March 30-31, 2001, San Diego, CA

Any ideas should be forwarded to John. Dave will approach C₃ about the 157th or 158th Conference being held as a joint meeting.

D. 15th Biennial

Uni informed the group that the registration materials for the Biennial are ready. She distributed copies to those present. Concerning the ice cream social, she informed those present that she was not made aware of any co-sponsorship during her discussions with the group running the Biennial. She was surprised when Carol informed her of this arrangement. Uni had also been asked by the group in charge that $2YC_3$ pay for their booth at the Conference. It is Uni's understanding that the Biennial Committee has since decided that we should not be charged for a booth.

Carol pointed out that the original motion passed by COCTYC was for the sponsorship of the ice cream social and not a co-sponsorship of this activity. This change in a venue has not been voted on by COCTYC. Carol will contact the appropriate parties handling the Biennial and express her discomfort as to how this matter has been handled.

Concerning the materials to be exhibited at the booth, it was decided by those present that the following should be displayed: copies of old newsletters, 2YC₃ magnets, 2YC3 brochures, membership applications for 2YC3, and information about summer programs available to two-year people, and possibly stamp pins. Dick stated that we should get signs from the Waterloo group because of our sponsorship. Uni will check on the signs. Concerning the magnets, Carol will send information to Uni concerning the magnets. Uni should have the manufacturer bill Jeff for the magnets. Concerning the stamp pins, John will determine how many pins he has and inform Dick of the number. Dick will check with the manufacturer of the pins about costs. A decision about selling the pins will be made by e-mail. Concerning the newsletters, Jay will check with Sonja about any copies left over. Concerning the 2YC, banner, Sonja will send Uni the banner. Concerning the brochures, Dick said that we may have enough. Dick will check on the brochures. Dick will also secure the needed summer program handouts. Concerning the sponsorship fees, Jeff will send a check to the proper persons at Waterloo.

E. Budget

Jeff presented the 1998 budget to the committee. In an effort to have projected expenses come closer to projected revenues, this budget has been modified in comparison to the one presented at Hastings. He pointed out that some travel dollars will be less and that conference mentoring and training expenses have been cut. Also, only three sites needed seed money instead of four. He eliminated the \$600 travel expense for the C_3 and DivCHED liaisons.

On the income side, the figures were based on a projection of 700 members, 20 industrial sponsors, and 120 college sponsors. The group has \$10,000 in reserve. He pointed out that even with these cuts, expenses exceed income.

A discussion of the proposed budget ensued. Dick mentioned how at one time COCTYC was banking money. This was a concern (IRS). In an effort to reduce the reserves, the COCTYC has put more money into the meetings and obtained an editor for the Newsletter. He stated that the time is fast approaching where adjustments in expenses and income will have to be made. The reserves are

running out. He believes that the Newsletter is needed. He went on to mention one adjustment proposed by Tom at the Hastings meeting, that the seed money should not be considered by conference planners as their money. If, when and how to implement this concept should at some point be discussed by the committee. Ann pointed out that letters have been sent out promising \$1000 with no mention of payback. John said that this commitment of funds to the various sites extends through 2000. He has not mentioned money in any correspondence beyond those dates. Carol stated that as hard as it is to do, the institution of a registration fee is an idea to be considered. When could this start? Jay pointed out that this would require a change in the bylaws of the organization. Carol will appoint a committee to study the seed money problem and the process to be used in changing the bylaws. Carol appointed herself and Jay to look into the above. Ann, Dick, and David made an argument for the returning the funds for the C₃ and DivCHED liaisons to the 1998 budget. Since a commitment has been made to these positions for 1998, if these funds are to be removed, the 1999 budget would be the proper time to do it. Carol will put the discussion of the C₃ and DivCHED liaisons on the next agenda.

A motion was made by Dick and seconded by Jay that the proposed 1998 budget is amended to include \$600 expenses each for both the C_3 and DivCHED liaisons and that the committee accept the 1998 budget as amended. The motion passed.

F. College Sponsors

Jeff reported that there are currently 129 college sponsors with one additional sponsor to be added to the list. Things look good for 130+ sponsors for 1998. He asked for Dick's help in getting copies of the newsletter to sponsors. Jay indicated that this should be a sub list of the mailing list. **Dick will do his best to supply such a list for mailing.** Uni asked about upgrading the information. She cited the many changes in area codes as one reason why this should be done. Jeff also announced that 14 schools are eligible for 25 year sponsorship awards.

G. Membership

Dick reported there are 218 members as of March 2, 1998. This is about where we should be. We are on target for 600-700 members. He reported that 71 members took advantage of the dual membership being offered in 2YC₃ and DivCHED. Jeff will send Dick a check for 71@\$12.50 for dues owed to DivCHED. Dick also asked that we check the membership listings of the Regional Advisory Boards and add the year 2000 behind the newest members.

H. Industrial Sponsors

Michaeleen reported that things are looking up. Monies owed are being collected. She has sent letters to sponsors on the old lists. She indicated that Wiley will be back as a sponsor. **John will communicate with CRC Press.** Mosby will no longer be publishing chemistry books. We're on track to match and possibly surpass last year's number of sponsors which was 19.

I. Editor's Report

Jay announced that April 1 is the deadline for the next Newsletter. Uni and Jay will work together as to what to do for the Biennial. The Newsletter will publish a guest editorial by Sr. Mary Virginia Orna, Chair of the Division of Chemical Education. Jay informed John that things of interest should be sent to Jay by the end of the Spring semester. Uni suggested that the Newsletter be given a new look. Jay responded that a Graphic Arts Class at his school might possibly be interested in taking on that task. Paul O'Brien suggested that regional correspondents may be the way to go in securing more information for the Newsletter.

J. DivCHED

Ann reemphasized the importance of the DivCHED liaison position. She mentioned that the luncheon for the high school and college teachers scheduled for Monday, needed more college people. Also, after two years as the editor of the 2YC₃ column in the *Journal of Chemical Education*, she's running out of angles. She would welcome any suggestions. She thanked members of the committee who responded to her plea for posters for the poster session at the Biennial. There should be 22-23 presentations. There is also a need for more reviewers for the *Journal*. The editors are attempting to increase the number of reviewers form 900 to approximately 3000. Interested parties should get an application from her.

IV. OLD BUSINESS

A. Industrial Sponsors Form

Michaeleen corrected the misconception that the new form that she sent to Tom was a Sponsors Form but is in reality an Exhibit Request Form to be used when a sponsor wants to exhibit at only one conference.

B. Planning Guide Printing

Tom reported that he did not have new guides printed when he was informed that John had recently printed up some copies. Tom gave John the copies of the new forms sent to him by Michaeleen. The Committee agreed with John that the responsibility of getting new guides printed should be that of the person responsible for securing future sites. This will help to avoid confusion in the future. John will add the new forms concerning Industrial Sponsors to the Planning Guide when he has more guides printed.

C. Newsletter Income Statement Form

Jeff stated that he is in the process of getting this form together.

D. 2YC₃ URL

Jay will contact program chairs of the various conferences to secure abstracts that can be placed on the web page. This would help people who can't attend a conference contact a presenter if they are interested in the speaker's topic. He would like to have links to all of our industrial sponsors on the web site. He would like to add some new material to the site and count the activity that it generates. Eventually, the Newsletter could possibly be done totally on the site

with postcard reminders being mailed to the membership.

E. Regional Advisory Board Members

Dick reported that one of his last duties as chair was to appoint new members to the Regional Advisory Boards. The 144th Agenda Book has those new members listed. He once again asked that the year 2000 be added after the names of these new members. He also asked that the Committee think of ways to use this valuable pool of talent in making 2YC₃ a better organization.

F. Selling/giving 2YC₃ Membership Lists

Dick mentioned that in the past the membership list has been given to professional organizations. Ann pointed out the advantage of renting the list on a one time use basis.

V. New Business

A. Contacts for Industrial Sponsors

Michaeleen reported that one new sponsor is on board, Analytical Instrument Brokers of Plymouth, MN.

B. Newsletter on the Internet

John asked as to how we can go about putting the Newsletter on the Internet. Jay indicated that we presently have that capability. John stated his concern that not all members are on-line. Dick expressed the opinion that we should at least begin experimenting. Jay suggested that we should try for the Biennial. Jay will put the Newsletter concerning the Biennial on the web site.

C. Financial Audit

Jeff referred the parties present to page 6 of the 144th Agenda Book where the minutes from the last COCTYC meeting contain the discussion of financial auditing are recorded. He pointed out that a yearly report is sent to DivCHED. The following question should be resolved by the members of COCTYC. Do the members of COCTYC want a more formal yearly audit? Or do we want to have an audit only when the treasurer is changed?

D. Two-Year Program Chair for the 16th Biennial

Prior to this meeting, Dick was asked if he would serve as the Two-Year College Program Chair and he agreed to do so. By means of e-mail a motion was made by Jeff and seconded by John that Dick should be appointed as Two-Year Program Chair for the 16th Biennial. The motion passed by an e-mail vote of the Committee.

E. Possible DivCHED Committee Appointments

Carol reported that the Division of Chemical Education is currently seeking nominations of two-year people for task force work in the areas of hospitality, data base development, and for membership on the Committee on Committees. If you know of anyone that may be interested send their names to Dick Gaglione.

VI. Adjournment

A motion was made by Jeff, seconded by John to adjourn the meeting. The motion passed. The meeting adjourned at 9:52 P.M.

Respectfully submitted, Tom Gruber, Chair-elect

Action Items

- 1. Tom will closely monitor the progress of the 150th and 151st Conferences and offer any help and encouragement that might be needed by those chairs.
- 2. Dave will approach C₃ about the 157th or 158th Conference being held as a joint meeting.
- 3. Carol will contact the appropriate parties handling the Biennial and express her discomfort as to how the ice cream social/ booth matter has been handled.
- 4. Uni will check on the signs for the Biennial.
- 5. Carol will send information to Uni concerning the magnets for the Biennial booth. Uni should have the manufacturer bill Jeff for the magnets.
- 6. John will determine how many pins he has and inform Dick of the number.
- 7. Dick will check with the manufacturer of the pins about costs. A decision about selling the pins will be made by e-mail.
- 8. Jay will check with Sonja about any copies of the Newsletter left over. The Newsletters are to be used as giveaways at the $2YC_3$ booth at the Biennial.
- 9. Sonja will send Uni the 2YC3 banner.
- 10. Dick will check on the 2YC₃ brochures.
- 11. Dick will also secure the needed 2YC₃ summer program handouts.
- 12. Jeff will send a check to the proper persons at Waterloo.
- 13. Carol will appoint a committee to study the seed money problem and the process to be used in changing the bylaws. Carol appointed herself and Jay to look into the above.
- 14. Carol will put the discussion of the C₃ and DivCHED liaisons on the next agenda.
- 15. Dick will do his best to supply Jay with an updated list of college sponsors for mailing out the newsletter.
- 16. Jeff will send Dick a check for 71@\$12.50 for dues owed to DivCHED.
- 17. John will communicate with CRC Press about their Industrial Sponsorship.
- 18. Uni and Jay will work together deciding what to do about the Biennial Newsletter.
- 19. John will add the new forms concerning Industrial Sponsors to the Planning Guide when he has more guides printed.
- 20. Jay will contact program chairs of the various conferences to secure abstracts that can be placed on the web page.
- 21. Jay will put the Newsletter concerning the Biennial on the web site.

Motions

- 1. The minutes of the 143rd Conference COCTYC meeting were approved.
- 2. Sites for the 154th, 157th, 158th, and 159th Conferences were approved.
- 3. An amended 1998 budget was approved.
- 4. Dick Jones was appointed the Two-Year College Program Chair for the 16th Biennial.

COCTYC:

Committee on Chemistry in the Two Year College Division of Chemical Education American Chemical Society

1998 Proposed Budget of Income and Expenses

For The Period: 1 Jan 98 to 31 Dec 98

Income			Amount	% of Total
Operating				•
	DivCHED		2000.00	10.5
	Membership Dues	700*\$15	10500.00	55.0
	Industial Sponsors	20*\$100	2000.00	10.5
	College Sponsors	120*\$25	3000.00	15.7
	Newsletter Ads		1000.00	5.2
Subtotal		18500.00	T	
investme	nt			
	Checking Interest	\$5000°2%	100.00	0.5
	CD Interest	\$10000*5%	500.00	2.6
Subtotal		600.00		
Miscellan	eous			
	Pin etc sales			0.0
	From savings reserves			0.0
Total In	come		19100	100.0

Expens	es		Amount	% of Total
Operatin	9			
	Travel		16600.00	60.4
	Office		150.00	0.5
	Postage		150.00	0.5
	DivChEd Liaison		600.00	2.2
	C3 Liaison		600.00	2.2
	Conference Mentoring	\$100*3	300.00	1.1
	Conference Training	\$250*2	500.00	1.8
	Canadian Chemistry Conference, C3		0.00	0.0
	Meeting Sites	3 Meeting/year	3000.00	10.9
	Newsletter Printing	(4*\$1100)+\$200	4600.00	16.7
Subtotal		26500.00		
Miscella	neous			
	1997 Biennial Conf. Chem. Educ/Wate	rloo, Canada	1000.00	3.6
	Brochures, pins, and etc		0.00	0.0
Subtotal		1000.00		0.0
Total E	xpenses		\$27,500.00	100.0
Net Inc	ome(Loss)		(\$8,400.00)	•

Comments This included the revisions discussed at COCYTC Meeting in Dallas, TX

Respectfully Submitted,

COCTYC:

Committee on Chemistry in the Two Year College

Division of Chemical Education

American Chemical Society

Statement of Income and Expenses 1998

For The Period: 1 January 98 to 31 August 1998

income		Amount	% of Total
Operating		•	
DivCHED		2000	15.5
Membership Dues		7,059.50	54.8
Industial Sponsors		1,000.00	7.8
College Sponsors		2,700.00	21.0
Newsletter Adds			0.0
Meetings		120.00	0.9
Interest			0.0
Subtotal	10,879.50		
Miscellaneous			
Pin & Etc Sales and Miscellaneous			0.0
From savings reserves			0.0
Total Income	· · · · · · · · · · · · · · · · · · ·	\$12,879.50	100.0

Expenses	Amount	% of Total
Operating		1
Travel	4,412.58	46.1
Office		0.0
Membership		0.0
Industrial Sponsor		0.0
College Sponsor		0.0
Conference Mentoring and Training		0.0
Meeting Sites Seed Money	1,000.00	10.4
Newsletter Printing and Postage	2,274.95	23.8
Subtotal 7,687	53	
Miscellaneous		
1997 Biennial Conf., Chem., Educ.	1,884.95	19.7
	•	0.0
Brochures		0.0
25 Yr Plaques, pins, etc		0.0
		0.0
Total Expenses	9,572.48	100.0
Net Income(Loss)	3,307.02	

Comments:

Respectfully Submitted,

JLC Desk "ZYC3" MSSband File "IncompSB.XLS"

Active College Sponsors for 1998 - 113

31 August 1998

Thanks to all the college sponsors for their support in 1998.

College Sponsor 1998		Years as College Sponsor
Aims Community College		17
592 Ed Beaty Hall	Greeley	CO 80632
FAX 970-330-5705 Email t.pentecost@aims.ed		Phone 970-330-8008 Ext6488
Allegany Community Colle	ege	6
Willowbrook Road	Cumberland	MD 21502
James Stickler FAX Email		Phone 301-724-7700 Ext 256
Alvin Community College		8
3110 Mustang Rd. Betty Graef FAX Email	Alvin	TX 77511 Phone
Amarillo College		16
P.O. Box 447 Art Schneider FAX Email	Amarillo	TX 79178 Phone 806-371-5328
Anne Arundel Community	College	19
101 College Parkway D. M. Reeder FAX Email	Arnold	MD 21012 Phone

College Sponsor 1998		Years as College Sponsor
Anoka-Ramsey Community (College	5
11200 Mississippi Blvd., NW Lance S. Lund FAX Email	Coon Rapids	MN 55433 Phone
Athens Area Technical Instit	ute	6
800 U. S. Highway 24 North Carol White FAX 706-369-5753 Email white@admin1.athens.t		GA 30610 Phone 706-355-5033
Baltimore City Community C	_	24
2901 Liberty Heights Ave. Donald Hoster FAX 410-333-5053 Email dphoster@hotmail.com Bellevue Community College	Baltimore	MD 21215-7893 Phone 410-462-7651
3000 Landerholm Circle, SE Jack Surendranath FAX Email	Bellevue	WA 98008 Phone 206-641-2075
Bismark State College		3
P.O. Box 5587 Frank Kock FAX Email	Bismark	ND 58506-5587 Phone 701-224-5423
Blue Mountain Community C	ollege	11
2411 N.W. Carden, P. O. Box 100 <i>Larry Eddy</i> FAX 541-276-6523 Email	Pendleton	OR 97801 Phone 541-276-1260

College Sponsor 1998	7.7	Years as Co Sponsor	llege
Brazosport College			25
500 College Drive Ken Tasa FAX 409-265-2944 Email ktasa@brazosport.cc.to	Lake Jackson	TX 77566 Phone 409-266-3320	
Broward Community College			4
1000 Coconut Creek Blvd. A. Fuad Khan FAX Email	Coconut Creek	FL 33066 Phone	
Bucks County Community C	ollege		6
Swamp Road Michaeleen Lee FAX 215-504-8520 Email	Newtown	PA 18940 Phone 215-968-8364	
Burlington County College			24
Pemberton-Brown Mills Road Vincent Sollimo FAX Email	Pemberton	NJ 08068 Phone	
Cape Fear Community Colle	ge		17
411 N. Front Street Dale R. Buck FAX Email	Wilmington	NC 28401 Phone	
Chandler-Gilbert Community	/ College		8
2626 E. Pecos Road Ronald Watras FAX 602-732-7195 Email watras@cgc.maricopa.	Chandler	AZ 85225 Phone 602-732-7139	

Colleg	e Sponsor 1998		Years as College Sponsor
Charles	s County Community	College	23
P. O. B <i>Dougla</i> FAX Email	ox 910 es <i>E. Zabel</i> 301-934-5260	LaPlata	MD 20646 Phone 301-934-7804
Clacka	mas Community Coll	ege	14
Steve E FAX Email	S. Molalla Ave. Brown 503-650-6657 steveb@clackamas.cc	Oregon City	OR 97045 Phone 503-657-6958Ext2374
Wes Fr FAX Email	fritzw.cdnet.cod.edu	Glen Ellyn	IL 60137 Phone 708-942-3394
_	e of Lake County V. Washington St. I Corn 847-223-1357	Grayslake	25 IL 60030 Phone 847-223-6601
College	of Marin		7
	d Campus I Stinson 415-485-9543 stinson@marin.cc.ca.u	Kentfield	CA 94904 Phone 415-485-9513
	of Southern Idaho	<u> </u>	14
P. O. Bo Rex Will FAX Email	ox 1238	Twin Falls	ID 83301 Phone 208-733-9554

College Sponsor 1998		Years as College Sponsor
College of the Mainland		1
1200 Amburn Road	Texas City	TX 77591
Janet Hendrickson		Phone 409-938-1211 Ext 368
FAX 409-938-7073 Email ihendrickson@campus.r		
jnonanokoon@oampue.i		2
Collin County Community Co	•	2
2800 East Springcreek Pkwy	Plano	TX 75074
Amina El-Ashmawy FAX		Phone 972-881-5961
Email		
Columbia Basin College		11
2600 N. 20th Ave.	Pasco	WA 99301
Ms. Campbell		Phone 509-547-0511
FAX		
Email		
Comm. College of Allegheny	County	8
808 Ridge Avenue	Pittsburgh	PA 15212
Joanne. McCalip		Phone 412-237-2535
FAX 412-237-4521		
Email	lala wal	24
Community College of Rhode		24
400 East Ave.	Warwick	RI 02886
Ralph R. Keiser FAX		Phone
Email		
County College of Morris		28
Route 10 and Center Grove Rds	Dover	NJ 07801
Sharon Kapica		Phone 201-361-5000 ext305
FAX		
Email		

College Sponsor 1998		Years as College Sponsor
Cuyahoga Community	College, Western	28
1100 Pleasant Valley Road	Parma	OH 44130-5199
Lois Hansen-Polcar FAX 216-987-5066		Phone 216-987-5497
210 007 0000	ar@tri-c.cc.oh.us	
DeAnza Community Co		28
21250 Stevens Creek Blvd.	_	CA 94014
Robert R. Hubbs FAX		Phone 408-864-8591
Email rrh2541@aspen	.fhda.edu	
Dodge City Community	College	14
2501 N. 14th Avenue Ronald G. Albrecht FAX	Dodge City	KS 67801 Phone 316-225-1321
Email		
Donnelly College		7
608 North 18th Street Gonca Yerteri FAX 913-621-0354 Email	Kansas City	KS 66102 Phone 913-621-8790
East Georgia College		5
131 College Circle G.W. Donaldson FAX Email	Swainsboro	GA 30401 Phone 912-237-7831
El Camino College		25
16007 Crenshaw Blvd. Barbara Morris FAX 310-660-6131 Email bmorris@admin.e	Torrance elcamino.ca.us	CA 90506 Phone 310-660-3360

College Sponsor 1998		Years as College Sponsor
El Centro College		21
Main and Lamar <i>R.H. Logan, Jr.</i> FAX Email	Dallas	TX 75202 Phone 214-74-2382
Erie Community College		14
4140 Southwestern Blvd. Paul Savino FAX Email schulmdr@snybufaa.cs.	Orchard Park	NY 14127 Phone 716-851-1795
Erie Community College- N. (-	10
Main St. and Young Road Gerald Berkowitz FAX	Williamsville	NY 14221 Phone 716-634-0800
Email		
Essex County College		6
303 University Avenue Rudolph B. Jones FAX Email	Newark	NJ 07102 Phone 201-877-3291
Florida Community College-	Kent	5
3939 Roosevelt Blvd. Wendell Massey FAX 904-381-3462 Email	Jacksonville	FL 32205 Phone 904-381-3544
Gainesville College		25
P. O. Box 1358 Gary Mc Glaun FAX Email gmcglaun@hermes.gc.p	Gainsville beachnet.edu	GA 30503 Phone 770-718-3667
33		

College Sponsor 1998		Years as College Sponsor
Garden City Commun	ity College	6
801 Campus Drive Mali Rozbeh FAX 316-276-9630 Email	Garden City	KS 67846 Phone 316-276-9552
Glendale Community	College	9
6000 West Olive Ave. Caralina Popisteanu FAX Email	Glendale	AZ 85302 Phone 602-435-3660
Gloucester County Co	ollege	18
Taynard & Salinas Roads <i>Ray Gangi</i> FAX	Sewell	NJ 08080 Phone 609-468-5000
Email Grand Panide Commu	unity College	10
Grand Rapids Communication 143 Bostwick, N.E. Tom Neils FAX Email	Grand Rapids	MI 49503 Phone 616-771-4255
Green River Commun	ity College	22
12401 S. E. 320th Street Dennis Regan FAX Email	Auburn	WA 98092 Phone 206-833-9111
Harford Community C	ollege	25
401 Thomas Run Road Paul J. Santiago FAX 410-836-4410 Email psantiago@har	Bel Air	MD 21015 Phone 410-836-4166

College Sponsor 1998				Years as (Sponsor	College
Highland Community College					16
Pearl City Road Fred Redmore FAX Email	Freeport	Phone	IL	61032	
Holy Cross College					6
P.O. Box 308 J. Alter FAX Email	Notre Dame	Phone	IN 219-2	46556 233-6813	
Hutchinson Community Collec	je				13
1300 N. Plum <i>Ronald Pfister</i> FAX	Hutchinson	Phone	KS	67501	
Email					
Jackson Community College					25
2111 Emmons Rd. Albert Krieger FAX Email	Jackson	Phone	MI 517-7	49201 787-0800	Ext 284
Jamestown Community College	je				22
525 Falconer Street Charles D. Brimmger FAX Email	Jamestown	Phone	NY 716-6	14701 665-5220	Ext 360
Jefferson Community College					13
Outer Coffeen Street John Penrose FAX	Watertown	Phone	NY 315-7	13601 786-2231	
Email john_penrose@ccmgate.s	sunyjefferson.edu				

				llege
ollege				28
Kansas City		KS	66112	
	Phone	913-3	34-1100 E	xt 152
				11
Kilgore		TX	75662	
	Phone	214-9	83-8243	
				3
Kingwood		TX	77339	
	Phone	713-3	59-1629	
				45
ollege				25
Godfrey		IL	62035	
	Phone	618-46	36-3411 E	xt4833
llogo				28
				20
Elyria	Dhana			
	Phone	330-36	55-4191	
				9
Dradantan		r.	22506	
pragenton	Phone			
		013-73	JU- 1U I I	
	Kilgore Kingwood mccd.cc.tx.us	Kansas City Phone Kilgore Phone Mine Mine Mine Mine Mine Mine Mine Mine	ollege Kansas City KS Phone 913-3 Kilgore TX Phone 214-9 Kingwood TX Phone 713-3 mccd.cc.tx.us college Godfrey IL Phone 618-46 Blege Elyria OH Phone 330-36	Kansas City KS 66112 Phone 913-334-1100 E Kilgore TX 75662 Phone 214-983-8243 Kingwood TX 77339 Phone 713-359-1629 mccd.cc.tx.us college Godfrey IL 62035 Phone 618-466-3411 E

College Sponsor 1998		·		Years as Co Sponsor	llege
McHenry County Community	College				24
Rt. 14 at Lucas Rd <i>John Konitzer</i> FAX	Crystal Lake	Phone	IL 815-4	60012 55-8714	
Email jkonitzer@pobox.mchenr	y.cc.il.us				
Mesa Community College					28
1830 W. Southern Ave. John Weide FAX Email	Mesa	Phone	AZ	85202	
Metropolitan Community Colle	ege				8
P. O. Box 3777 John Mangini FAX 402-449-8333 Email jmangini@metro.mccneb.	Omaha	Phone	NE 402-44	68103 49-8301	
Metropolitan Community Colle					24
3200 Broadway Flin McGhee FAX Email	Kansas City	Phone	MO 816-93	64111 32-7659	
Miami-Dade Community Colleg	ge- South Campus				20
11011 S.W. 104th St. **Dorma Gottlieb** FAX 305-237-2801 Email d004420c@dcfreenet.sefl	Miami	Phone	FL 305-23	33176 37-2492	
Mid-Plains Community College					8
McDonald-Benton Campus Denise Barnes FAX Email	North Platte	Phone	NE 308-53	69101 32-8980	-

College Sponsor 1998		Years as C Sponsor	ollege
Middle Georgia College			25
Sarah Street	Cochran	GA 31014	
Ronald DeLorenzo FAX		Phone 912-934-3052	
Email rdeloren@warrior.mgc.pe	eachnet.edu		
Midland College			8
3600 N. Garfield	Midland	TX 79705	
Joe Blumentritt		Phone	
FAX Email			
Minneaplolis Technical & Con	nmunity College		11
1501 Hennepin Ave.	Minneapolis	MN 55403	
Sharon Sechrist		Phone 612-341-7039	
FAX			
Email Monroe Community College			25
Monroe Community College			25
1000 E. Henrietta Rd.	Rochester	NY 14623 Phone 716-424-5200	
G. R. Nobiling FAX		Filone / 10-424-5200	
Email			
Montgomery College-TX			1
3200 Hwy 242W	Conroe	TX 77384	
John Magner		Phone 409-273-7369	
FAX 409-273-7362			
Email johnm@mail.nhmccd.cc.	tx.us		20
Mott Community College			28
1401 E Court Street	Flint	MI 48503	
Katherine Weissmann		Phone 810-232-6092	
FAX Email			
bittell			

Muskingum Area Technical College 1555 Newark Rd. Zanesville OH 43701 Mel Hathaway Phone 614-454-250Ext2 FAX 614-454-0035 Email Navarro College 3200 West Seventh Ave. Corsicana TOM Hammargren Phone 214-874-6501 FAX Email New York City Technical College NY 11201 300 Jay St. Brooklyn NY 11201 Joseph Rosen Phone 718-260-5850 FAX Email North Harris College 2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa Phone 713-443-5772 FAX Email	12 56 7
Mel Hathaway FAX 614-454-0035 Email Navarro College 3200 West Seventh Ave. Corsicana TX 75110 Tom Hammargren Phone 214-874-6501 FAX Email New York City Technical College 300 Jay St. Brooklyn NY 11201 Joseph Rosen Phone 718-260-5850 FAX Email North Harris College 2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa Phone 713-443-5772 FAX Email	7
FAX 614-454-0035 Email Navarro College 3200 West Seventh Ave. Corsicana TX 75110 Tom Hammargren Phone 214-874-6501 FAX Email New York City Technical College 300 Jay St. Brooklyn NY 11201 Joseph Rosen Phone 718-260-5850 FAX Email North Harris College 2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa Phone 713-443-5772 FAX Email	7
3200 West Seventh Ave. Corsicana TX 75110 Tom Hammargren Phone 214-874-6501 FAX Email New York City Technical College 300 Jay St. Brooklyn NY 11201 Joseph Rosen Phone 718-260-5850 FAX Email North Harris College 2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa Phone 713-443-5772 FAX Email	
Tom Hammargren FAX Email New York City Technical College 300 Jay St. Brooklyn NY 11201 Joseph Rosen FAX Email North Harris College 2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa FAX Email	28
FAX Email New York City Technical College 300 Jay St. Brooklyn NY 11201 Joseph Rosen Phone 718-260-5850 FAX Email North Harris College 2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa Phone 713-443-5772 FAX Email	28
New York City Technical College 300 Jay St. Brooklyn NY 11201 Joseph Rosen Phone 718-260-5850 FAX Email North Harris College 2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa Phone 713-443-5772 FAX Email	28
300 Jay St. Brooklyn NY 11201 Joseph Rosen Phone 718-260-5850 FAX Email North Harris College 2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa Phone 713-443-5772 FAX Email	
Joseph Rosen FAX Email North Harris College 2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa FAX Email	
North Harris College 2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa Phone 713-443-5772 FAX Email	
North Harris College 2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa Phone 713-443-5772 FAX Email	
2700 W. W. Thorne Houston TX 77073 Elisabeth Krupa Phone 713-443-5772 FAX Email	
Elisabeth Krupa Phone 713-443-5772 FAX Email	6
FAX Email	
Email	
North Lake Oallana	
North Lake College	18
5001 Mac Arthur Blvd Irving TX 75038	
Floyd King Phone 214-659-5250	
FAX	
Email	4
North Seattle Community College	4
9600 College Way North Seattle WA 98103	
David W. Robare Phone 206-526-0187 FAX 206-527-3748	
FAX 206-527-3748 Email dwrobare@seaccd.sccd.ctc.edu	

College	Sponsor 1998				ears as Co Sponsor	llege
Northam	pton Community Col	lege				14
3835 Gre <i>Ron DiSt</i> FAX	en Pond Road e fano 610-861-5373	Bethlehem	Phone	PA 215-86	18017-7 61-5558	299
Email	red@pmail.nrhm.cc.oh.u	S				
Northeas	t Texas Community	College				6
P. O. Box Jess Dov FAX Email		Mt. Pleasant	Phone	TX	75456	
Oakland	Comm. Coll Highlar	nd Lakes Campus				2
<i>Bill Nolai</i> FAX	oley Lake Rd. 7	Waterford	Phone	MI 248-36	48327-4 60-3183	187
Email	Comm Collogo Aul	Lilla				25
	Comm. College - Aul				10000	25
Tamar Su FAX Email	810-340-6513 tysusski@occ.cc.mi.us	Auburn Hills	Phone	MI 810-34	48326 10-6629	10
	Community College					19
1600 E. G C. Churc FAX Email	Golf Road <i>hill</i>	Des Plaines	Phone	IL	60016	
Olympic	College					12
1600 Che Robert K FAX Email	ester Ave.	Bremerton	Phone	WA 360-47	98310 78-6486	

College	Sponsor 1998		Years as C Sponsor	ollege
Paul Sm	nith's College			25
Rts. 192	. & 30	Paul Smith's	NY 12970	
<i>Patricia</i> FAX	C. Flath		Phone 518-327-6848	
Email	flathp@paulsmiths.ed			
Portland	d Community Collec	je		11
P. O. Bo	x 19000	Portland	OR 97219	
Dexter I	Plumlee		Phone 503-244-6111	
FAX				
Email	State Callage			25
	State College			25
P. O. Bo	-	Chicago Heights	IL 60411	
Roma A	aventi		Phone 312-756-3110	
Email				
Prince C	George's Communit	y College		19
301 Larg	go Rd.	Largo	MD 20774-	2199
Scott A.		· ·	Phone 301-322-3023	
FAX				
Email	ss1@pgstumail.pg.cc.	.md.us		
Rock Va	alley College			1
3301 N.	Mulford Rd.	Rockford	IL 61114	
Robert I	Porod		Phone 815-654-4384	
FAX	815-654-4438			
Email				• •
Saddleb	ack College			24
	larguerite Parkway	Mission Viejo	CA 92692	
	. McLendon		Phone 714-582-4809	
FAX	714-347-1936			
Email	mclendon_c@sccd.co	.ca.us		

College Sponsor 1998		Years as College Sponsor
San Jacinto College- Centi	al	9
8060 Spencer Highway	Pasadena	TX 77505
Ann Cartwright		Phone 713-476-1882
FAX 713-478-2757		
Email acartw@sjcd.cc.tx.us		
Sauk Valley College		18
173 II Route 2	Dixon	IL 61021
Dale Heuck FAX		Phone 815-288-5511
Email		
Schoolcraft College		11
18600 Haggerty Road	Livonia	MI 48152
Bill Nickels	Livollia	Phone 313-462-4400 Ext5243
FAX 313-462-4531		010-402-4400 EXIO240
Email wnickels@schoolcraf	t.cc.mi.us	
Seattle Central Community	College	25
1701 Broadway (BE5104)	Seattle	WA 98155
Herb Bryce		Phone 206-587-6921
FAX		
Email hbryce@seaccc.sccd		
Shoreline Community Colle	ege	3
16101 Greenwood Ave.	North Seattle	WA 98133
Clarita Bhat		Phone 206-546-4575
FAX Email		
Sierra College		17
•	D. LP	
5000 Rocklin Rd. Dan Burns	Rocklin	CA 95677
FAX		Phone 916-624-3333
Email		

College Sponsor 1998		Years as College Sponsor
Sinclair Community College		25
444 W. Third Street Richard F. Jones FAX 513-449-5164 Email riones@sinclair.edu	Dayton	OH 45402 Phone 513-226-7907
Email rjones@sinclair.edu South Arkansas Community C	College	11
300 South West Avenue Chemistry Dept. Chair FAX Email	El Dorado	AR 71730 Phone 501-862-8131
South Suburban College		8
15800 S. State Street Diane Ostojic FAX	South Holland	IL 60473 Phone 708-596-2000
St. Louis Community College-	Moramos	20
11333 Big Bend Blvd. Ralph Burns FAX Email	St. Louis	MO 63122 Phone 314-966-7718
Stark State College of Techno	logy	8
6200 Frank Ave. NW Donna Harrison FAX 330-494-0571 Email dharrison@stark.cc.oh.us	Canton	OH 44720 Phone 330-494-6170 Ext 428
Tarrant County Jr. College- S.	•	28
5301 Campus Drive Edith Bartley FAX Email	Forth Worth	TX 76119 Phone

College	e Sponsor 1998		Years as College Sponsor
Tarrant	County Jr. College	-N.E.	28
828 Ha	rwood Road	Hurst	TX 76055
Sonja l	Davison		Phone 817-515-6346
FAX			
Email			
Texarka	ana College		7
2500 N	Robinson Rd.	Texarkana	TX 75501
Mike B	uttram		Phone 903-838-4541 Ext280
FAX			
Email	- Maadawa Cammu	mit . Oallana	44
	e Meadows Commu		11
	andini Blvd	Reno	NV 89512
Eun-We	oo Chang		Phone 702-673-7089
Email			
	County College		4
	oringfield Avenue	Cranford	NJ 07016
-	K. Dare		Phone 908-709-7199
FAX	908-709-4025		
Email	dare@hawk.ucc.edu		
Univers	sity College, Univ. C	incinnati	7
Mail Loc	cation 168	Cincinnati	OH 45221
Mary F	ox		Phone 513-556-1710
FAX	513-556-3007		
Email	foxmc@uc.edu		
Valenci	a Community Colle	ge	11
P. O. Bo	ox 3028	Orlando	FL 32802
Chemis	stry Dept Head		Phone 407-299-5000 Ext 2434
FAX	407-299-5000 Ext 24	37	
Email			

College Sponsor 1998				Years as Col Sponsor	lege
Valley Forge Military College					8
1001 Eagle Rd., Sorley House LTC Sam Wrightson FAX Email	Wayne	Phone	PA	19087	
Victoria College					8
2200 E. Red River Ray S. Sager FAX Email	Victoria	Phone	TX 512-5	77901 73-3291	
Vincennes University					28
1002 N. 1st Street Jay Bardole FAX 812-888-4540 Email jbardole@vunet.vinu.edu	Vincennes	Phone	IN 812-8	47591 88-4372	
Walters State Community Coll	ege				11
500 S. Davy Crockett Parkway Mary C. Lu FAX Email	Morristown	Phone	TN	37814	
Westark Community College					28
P. O. Box 3649 Thomas R. Clark FAX Email	Fort Smith	Phone	AR 501-7	72913 85-4241	
Western Nebraska Community	College				10
1601 E. 27th Gordon Harrach FAX Email	Scottsbluff	Phone	NE 308-6	69361 35-3606	

Years as College **Sponsor**

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 jcramer@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	
CollegeAddress(City,State, Zip)_	
Contact Person: (Title)	(Name)
Phone	Ext
Fax	e-mail
Address if different from above_	
All questions and corresponde should be directed to:	ence concerning 2YC ₃ College Sponsorship

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 $2YC_3$ members have taken advantage of the opportunity to join both the Division of Chemical Education and $2YC_3$. This offer is for members of $2YC_3$ who are not members of the Division of Chemical Education.

Submitted by Richard F. Jones March 2, 1998

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.







This project was supported, in part, by the

National Science Foundation

Opinions expressed are those of the authors and not necessarily those of the Foundation

Report of Industrial Sponsors

Ace Glass P.O. Box 688 Vineland, NJ 08362-0688

Analytical Instrument Brokers 9921 13th Ave N Plymouth, MN 55441

William C. Brown/McGraw Hill 2460 Kerper Blvd. Dubuque, IA 52001

ChemEd Resources 609 South Pathfinder Anaheim Hills, CA 92807

Benjamin Cummings Publishing 2725 Sandhill Road Menlo Park, CA 94024

Falcon Software One Hollis Street Wellesley, MA 02181

W.H. Freeman and Company 41 Madison Avenue New York, NY 10010

Flinn Scientific Incorporated P.O. Box 219 Batavia, IL 60510

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I2R Instruments for Research & Industry 108 Franklin Ave Box 159 Cheltenham, PA 19012

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Upper Saddle River, NJ 07458

Quincy Specialties 631 Vermont St. P.O. Box 307 Quincy, IL 62301-0307

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SCI Technologies 1716 West Main Street Suite #4 Bozeman, MT 59715

Simon & Schuster P.O. Box 3003 Livonia, MI 48150-3003

Synaps Chem Tools 7441 N. Hampton Rd. Lincoln, NE 68506

CONFERENCE SUMMARY CALENDAR, August 31, 1998

Academic Year	First Conference	Second Conference	Third Conference	Fourth Conference
1998-1999	146 th	147 th	148 th WESTERN	149 th EASTERN
	MIDWESTERN Sept. 18-19, 1998 Bismarck, ND	SOUTHERN Nov. 20-21, 1998 Jacksonville, FL	March 19-20, 1999 (ACS-Anaheim March 21-25, 1999)	June, 1999 Joint with C ₃ , Canada Loyalist College
	150 th	• • •	Monterey Park, CA 152 nd	Bellevue, Ontario, Can.
1999-2000	MIDWESTERN Sept. 24-25, 1999	151°. SOUTHERN	WESTERN March 24-25, 2000	MIDWESTERN Summer 2000
	South Holland, IL (Chicago Area)	Nov 5-6, 1999 Fort Smith, AR	San Francisco Area (ACS - San Francisco March 26-31)	University of Michigan Ann Arbor, MI (16th Biennial)
2000-2001	154th EASTERN October 27-28, 2000	155 th MIDWESTERN Late Fall, 2000	156 th WESTERN March 30-31, 2001 San Diego Area	157 th SOUTHERN Late Spring, or Summer,
	Troy, NY	Cincinnati, Ohio	(ACS - San Diego April 1-5, 2001)	2001
2001-2002	158 th MIDWESTERN	159 th WESTERN	160 th SOUTHERN	161 st
	Early Fall, 2001 Coon Rapids, Minnesota (Minneapolis Area)	Late Fall, 2001 Las Vegas, NV	Early Spring, 2002 (ACS - Orlando, Florida)	17 th Biennial Summer, 2002

TWO-YEAR COLLEGE CHEMISTRY CONFERENCE SITES

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 19-20, 1999 (March 21-25, ACS National Meeting, Anaheim)

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 24-25, 2000 (March 26-31, ACS National Meeting, San Francisco)

Information Pending

University of Michigan Ann Arbor, MI

2000-01 ACADEMIC YEAR

154th CONFERENCE

October 27-28, 2000

Hudson Valley Community College 80 Vandenburgh Ave. Troy, New York 12180

Contact: Ernest Siew
OFFICE: 518-266-8123
Email: siewern@hvcc.edu
Mentor: none assigned as yet

155th CONFERENCE

Late Fall, 2000

University of Cincinnati College of Applied Science 2220 Victory Parkway Cincinnati, OH 45206

Contact: Beverly Swaile OFFICE: 513-556-4363

Email: swailebh@email.uc.edu Mentor: None assigned as yet

156th CONFERENCE (WESTERN) March 30-31, 2001 (April 1-5, 2001, ACS National Meeting, San Diego)

Information Pending

157th CONFERENCE

Summer, 2001

Information Pending

158th Conference

Early Fall, 2001

Anoka-Ramsey Community College 11200 Mississippi Blvd., NW Coon Rapids, MN 55433

Contact: Kelly Befus OFFICE: 612-422-3481

Email: <u>befuske@an.cc.mn.us</u>
Mentor: None assigned as yet

159th Conference

Late Fall, 2001

Community College of Southern Nevada West Charleston Campus 6375 West Charleston Blvd. Las Vegas, NV 89102-1124.

Contact: Kaveh Zarrabi

OFFICE: ????

Email: <u>zarrabi@nevada.edu</u>
Mentor: Dick Gaglione

160th Conference ACS meeting, Orlando, Florida,

Early Spring, 2002

161st Conference

Summer, 2002

17th Biennial Conference

2YC₃ ADVISORY BOARD, REGION I - WESTERN STATES: Alaska,

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Wendell Massey Florida Community College Kent Center 3939 Roosevelt Blvd Jacksonville, FL 32205 Office: (904) 381-3544 Home: (904) 766-2248

147th Two-Year College Chemistry Conference

Florida Community College at Jacksonville, Kent Campus 3939 Roosevelt Boulevard Jacksonville, Florida 32205 November 20 - 21, 1998

Preliminary Program

(Titles, Times subject to change)

Program Theme: Topics, Technology, Textbooks, Teachers — the Four T's of Chemistry

Friday, November 20, 1998

9:00 - 9:30	Registration, Continental Breakfast, Exhibits
9:30 - 9:45	Welcome, Duane Dumbleton, President, Kent Campus Florida Community College at Jacksonville
9:45 - 10:45	Advisory Board Meeting (all are invited to attend)
10:45 - 11:00	Break, Exhibits
11:00 - 11:45	Ash Recycling Jan McKendree, Research Chemist, Duo Engineering Environmental Recycling
12:00 - 1:00	Lunch — box lunches can be ordered on preregistration form, or lunch on your own
1::00 - 1::45	Keynote Address Paul Walter, President, American Chemical Society
1:45 - 2:00	Break, Exhibits
2:00 - 4:00	Workshops: 2:00 - 2:30
or	Field Trip 2:00 - 4:00 Millennium Specialty Chemicals World's largest processor of turpentine to produce terpene-based aroma chemicals for the flavor and fragrance industry
6:00 - 7:00	Pre-banquet Wine & Cheese Mixer at historic Winterbourne House overlooking the St. Johns River
7:00 - 9:00	Banquet — Winterbourne House on the St. Johns Speaker: Dr. Paul Walter, President, American Chemical Society

Saturday, November 21, 1998

8:30 - 9:15	Registration, Continental Breakfast, Exhibits
9:15 - 10:00	Textbooks Ken Whitten, Chairman, General Chemistry, University of Georgia
10:00 - 10:45	Clean Shower Robert Black, President and CEO, Automation, Inc.
10:45 - 11:00	Break, Exhibits
11:00 - 11:45	Flavor Chemistry Russell Rouseff, Research Chemist, University of Florida Citrus Research Center
11:45 - 1:00	Lunch — Kountry Katerers Barbeque
1:15 - 2:00	Chemistry Lab Demonstrations Ralph Burns, Chemistry Professor, St. Louis Community College, Meramec
2:00 - 2:45	NMR Imaging David Himmelsbach, Research Chemist, USDA ARS Russell Research Center
2:45 - 3:00	Break, Exhibits
3:00 - 3:45	Flight 800 Disaster Randolph Mahoney, Airline Pilot, U.S. Airways, Retired
3:45 - 4:00	Final Remarks

Come to Jacksonville in November

Jacksonville, home of the NFL Jacksonville Jaguars, is central to Florida's First Coast which includes the nearby historic cities of Fernandina Beach and St. Augustine. Located on the St. Johns River, the city is just minutes away from family beaches, world class golf courses, and sport fishing. Jacksonville Zoo offers a variety of exhibits including Great Apes of the World. At the heart of the "River City by the Sea" is the Jacksonville Landing and Southbank Riverwalk which offer festival shopping and fine dining.

Jacksonville is the gateway to other popular Florida attractions including Silver Springs, Disney Theme Parks, Sea World, and Busch Gardens. Its moderate winter temperatures offer a welcome respite to "snow birds" seeking the sun.