139th 2YC3 Conference

Division of Chemical Education, Inc. American Chemical Society

RECRUITMENT AND RETENTION OF CHEMISTRY STUDENTS

November 15-16, 1996 San Antonio College 1300 San Pedro Avenue San Antonio, TX 78212

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE

Division of Chemical Education, Inc. American Chemical Society 1996 Roster of Committee Members

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2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2
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Home: (706) 769-8341 Email: clwhite@uga cc.uga edu
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(Members of COCTYC) 3939 Roosevelt Blvd., Jacksonville, FL 32205 FAX: (904) 381-3544 FAX: (904) 381-3462
COCTYC) Office: (904) 381-3544 FAX: (904) 381-3462 Home: (904) 766-2248
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7250 State Avenue, Kansas City, KS 66112
Office: (913) 334-1100, Ext 152 FAX: (913) 595-9606 Home: (913) 648-2786 Email: dklein@toto.net
Finan. driem@toto.net

Other Past Chairs Margot Schumm, Ed Heath (deceased), Elliott 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.

139TH TWO-YEAR COLLEGE CHEMISTRY CONFERENCE ADVISORY BOARD MEETING SAN ANTONIO COLLEGE SAN ANTONIO, TEXAS NOVEMBER 15, 1996

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.	
п.	MINUTES FROM THE 138TH CONFERENCE, SINCLAIR COMCOLLEGE, DAYTON, OHIO A. Advisory Board Approval B. COCTYC Information	IMUNITY page 2 page 5
ш.	REPORTS A. Dayton Conference, October 4-5, 1996, Richard Jones B. Treasurer, Jeff Cramer C. College Sponsors, Jeff Cramer D. Membership, Joanne Lin E. Industrial Sponsors, Carol White F. Future Meeting Sites, Ann Cartwright	page 10 page 11 page 22 page 25 page 26
IV.	ANNOUNCEMENTS AND NEW BUSINESS A. Newsletter Editor and Industrial Sponsor Chair, John Kenkel B. Chair-Elect Positions, 1998 and 1999, John Kenkel C. 15th Biennial, John Kenkel D. DivCHED, Ann Cartwright E. SOCED Guidelines, Dick Jones F. Other	
V.	INTRODUCTION OF NEW ARRIVALS	

VI.

ADJOURNMENT

139TH TWO-YEAR COLLEGE CHEMISTRY CONFERENCE COCTYC MEETING SAN ANTONIO COLLEGE SAN ANTONIO, TEXAS NOVEMBER 16, 1996

AGENDA

T.	ADDITIONS/DELETIONS TO AGENDA	
I.	ADDITIONS/DELETIONS TO AGENDA	ı

II. APPROVAL OF MINUTES, 138TH CONFERENCE

III. REPORTS

- A. San Antonio Conference, Bill Haley
- B. Personnel Matters, John
- C Future Sites, Ann
- D. Budget, Jeff
- E. College Sponsors, Jeff
- F Membership, Joanne
- G. Industrial Sponsors, Carol
- H. Editor's Report, Bob
- I DivCHED, Ann

IV. OLD BUSINESS

- A 2YC₃/DivCHED dues structure for new members, John
- B J Chem Ed article, John
- C. Canada conferences, Dave
- D. Conference Guide Book Revision, John and Dave
- E. Policies and Procedures Revision, Jay
- F. SOCED Guidelines, Dick
- G Regional Advisory Board Members, John
- H. Baseline Study, Ann

V. NEW BUSINESS

- A COCTYC Business Calandar, John
- B. 15th Biennial, John
- C. Other plagues, Nebbons, etc.

VI. ADJOURNMENT

138th Two-Year College Chemistry Conference Regional Board Meeting

Sinclair Community College Dayton, OH 45402 October 4, 1996

The meeting was called to order by John Kenkel at 8:30 a.m.

I. Introductions

The following were present and introduced themselves:

COCTYC Members: John Kenkel, Chair; Dick Jones, Chair-elect; Carol White, Industrial Sponsors Chairs; Jeff Cramer, Treasurer/College Sponsors Chair; and Dave Klein, Past Chair. Past Chairs of 2YC₃: Jay Bardole, past 2YC₃ chair and Newsletter Editor-elect, Kathy Weissmann, Cecil Hammonds and Uni Susskind In addition, twenty-one 2YC₃ members were present.

II. Minutes from the 136th Conference, Shoreline Community College

The minutes were approved as written.

III. Reports

A. Seattle Conference, March 22-23, 1996

Dick Jones reported that the 2YC₃ Conference was well-attended and was well-received by those in attendance. Among the presenters were John Clevenger who spoke on a collaborative research project between 2-year and 4-year college faculty.

B. Treasurer's Report

Treasurer Jeff Cramer explained the "Statement of Income and Expenses" report on page 7 of the 138th Agenda Booklet and stated that the finances were in good order for this year.

C. College Sponsors Report

College Sponsors Chair, Jeff Cramer reported that Essex Community College of Baltimore will receive a plaque for 25 years of College Sponsorship. The current list of 107 College Sponsors is given on pages 8 - 12 in the 138th Agenda Booklet.

D. Membership

Membership Chair, Joanne Lin reported that there are approximately 650 members as of October 1, 1996.

E. Industrial Sponsors

Industrial Sponsors Chair, Carol White, reported that there were 22 Industrial Sponsors (listed on page 16 of the 138th Agenda Booklet. For \$100 a year, an Industrial Sponsor is permitted to exhibit at 2YC₃ conferences. Carol urged members present to recruit new college sponsors and to visit the exhibits at Sinclair.

F. Future Meeting Sites

John Kenkel reported on future meeting sites in the absence of Ann Cartwright. P. 17 of the Conference Booklet lists the future meetings. David Klein, $3\,\mathrm{YC}_3$ liaison with C_3 (College Chemistry Canada) invited everyone to attend the 141st meeting which is a joint meeting between $2\,\mathrm{YC}_3$ and C_3 in Newfoundland , June 12- 14, 1997. Georgianna Whipple-Van Patter, Program chair of the 143rd Conference distributed a tentative program and invited everyone to their conference in Hastings, Nebraska in November 14-15, 1997.

G. Biennial Conference

Carol White, 2YC₃ liaison with the 14th Biennial reported that the overall conference was a great success and that 2YC₃ had received praise for their contributions. 2YC₃ sponsored 9 symposia plus an ice cream social. The Division of Chemical Education openly invited 2YC₃ participation and were grateful for our efforts. John Kenkel praised Carol's work on this project and she received the applause from those present.

IV. Announcements

A. Industrial Sponsors Chair Position

John Kenkel reported that one application had been received for the position. The COCTYC (executive board of 2YC₃) will act on this issue shortly.

B. 15th Biennial

John Kenkel announced that Uni Susskind will be the 2YC₃ liaison with the 15th Biennial to be held in Waterloo, Canada in the summer of 1998. This will be the 145th meeting of 2YC₃.

C. WWW Home Page

Webmaster, Jay Bardole encouraged members to take advantage of the employment services, abstracts of 2YC₃ meetings, meeting announcements and instrument exchange services and other features of 2YC₃ homepage. The home page is linked to JCE Software and the ACS. The Address is http://jbardole.vinu.edu

D. DivCHED

John Kenkel, in the absence of Ann Cartwright, reported on the meeting of DivCHED at the ACS meeting in Orlando, FL. The Division of Chemical Education is being asked to become more active in the division. John Kenkel encouraged members to respond to this development. John Kenkel also announced that the previous chair of the Division of Chemical Education, John Moore, the new editor of the Journal of Chemical Education, has invited input from 2YC₃.

E. Other

Dick Jones reported that Uni Susskind of SOCED (and former chairperson of 2YC₃) organized and ran an invitational conference to rewrite the <u>Guidelines for Two-Year Community Colleges</u>, September 27-29, 1996. The draft will be submitted to COCTYC for their input. Martha Brosz announced a meeting at Miami University for co-op programs on November 15-16, 1996.

VI. Adjournment

The meeting was adjourned at 9:14 am.

Respectfully submitted, Richard Jones, Chair-elect

138th Two-Year College Chemistry Conference COCTYC Meeting

Sinclair Community College Dayton, OH 45402 October 5, 1996

Attendance

Members: John Kenkel, Dick Jones, Carol White, Jeff Cramer, and

Dave Klein

Guests: Jane Myong, Michael Canestaro(138th 2YC₃ Meeting Program Chairs, Jay Bardole, past chair and Newsletter Editor starting January 1, 1997, Georgiano Whipple-Van Patter (143rd Program Chair), Cecil Hammonds (Past Chair of

2YC₃) and Michaeleen Lee

Call To Order

The meeting was called to order at 3pm Saturday October 5, 1996 by John Kenkel at Sinclair Community College. The meeting was halted for dinner at 5 p.m. and reconvened at the Radisson Hotel at 6:20 p.m.

I. Additions/Deletions to the Agenda

The following additions were made to the agenda:
SOCED Guidelines Invitational Conference
Industrial Sponsors Plaques
Industrial Sponsors exhibiting policy

II. Approval of Minutes

COCTYC Meeting minutes for the 136th Conference at Shoreline Community College were approved after the correction that Dick Jones not John Kenkel is on the Awards Committee.

III. Reports

A. Dayton Conference

Co-Program Chairs, Michael Canestaro and Jane Myong were praised for a strong program and well-run conference. Mike and Jane raised the issue of a need for a firm policy on local industrial sponsors who would not want to exhibit at other conferences and a need for a policy for not-forprofit exhibitors. Jane and Michael were then excused.

B. Personnel Matters

John Kenkel reported that there was a single candidate for Industrial Sponsors Chair. **John will mail out a ballot** to all members of the COCTYC in order to conduct an election. These mail ballots will be opened at the 139th meeting in San Antonio.

C. Future Sites

John Kenkel made the following announcements for Ann Cartwright: Edith Bartley has not yet responded to the invitation to be the mentor for the 147th meeting. The contact person for the 148th meeting at East Los Angeles College is Carcy Chan. We are still waiting a letter from their administration supporting the conference. Diane Ostojie is the contact person for the 150th meeting at South Suburban College in South Holland, MI. We are still waiting for a letter of support from their administration. Jay Bardole will mentor this conference. Tom Clark is the contact person for the 151st meeting at Westark Community College in Fort Smith, Arkansas. We have a letter of support from their administration and Dave Klein will mentor this conference. Kaveh Zarrabi is the contact person for the 152nd meeting at the Community College of Southern Nevada in Las Vegas. This meeting is in conjunction with national American Chemical Society meeting. We are waiting for a letter of support from their administration and we do not yet have a mentor yet. Dave Klein noted that the C_3 chairperson was surprised that we are listed with them for the 149th 2YC₃ meeting as C₃ does not plan that far ahead. Carol White was asked to check on the progress of the 147th Conference. John will ask Ann to check for a possible site change for the 150th conference because of too many 2YC3 meetings in the midwest during that time.

D. Budget

Jeff Cramer is planning for the next budget. He is planning for \$4000 for the newsletter printing and he expressed concern for additional expenses for elections by the entire 2YC₃ membership. Jeff asked everyone to bring budget items for consideration to the San Antonio meeting. Dave Klein suggested that the conference seed monies saved from the joint 2YC₃ with C₃ be used to assist COCTYC members to travel to that meeting. John announced that the Division of Chemical Education allots \$667 for travel of their officers to DivCHED meetings. We will consider adopting this policy at San Antonio. Jeff will write a letter to Eliott Greenberg informing him that prior approval by COCTYC for expenses is required.

E. College Sponsors

Jeff Cramer suggested that conferences have a preregistration list available at the beginning of a conference in order that representatives from college sponsors be recognized at the Regional Advisory Board meeting. We currently have about 110 college sponsors, about the same as last year.

F. Membership

Carol White reported for Joanne Lin that there were 650 paid members as of October 1, 1996. Joanne sent out 1300 letters to members and past members asking them to seek industrial sponsors. In response to a question from Joanne, Dick suggested a date of November 15th as a good time to mail out 2YC₃ renewals.

G. Industrial Sponsors

Carol White reported that there are seven renewals for industrial sponsors. Industrial sponsors tend to wait to renew until they exhibit at a conference. A second renewal notice will be sent out soon.

H. Editor's Report

Jay Bardole, whose tenure as editor starts January 1, 1997, will look into the local situation after being warned that the Post Office is getting difficult to work with. He set tentative deadline dates for the 97-I and 97-II issues as November 15 and December 15, 1996, respectively. Jay plans to ask new and members of long standing for short essays on their perspectives on 2YC₃. John Moore was suggested as a possible person to write a short article. Jay will request the membership to include email and fax numbers in their communications.

I. DivCHED

John reported that DivCHED proposed a combined membership with 2YC₃ at a cost of \$20 instead of \$15 for us and \$10 for them. This would save our membership \$5 and might increase both memberships. The \$20 would be split \$12 to us and \$8 to them. **COCTYC members will study this proposal for discussion at San Antonio.**

John reported that 2YC₃ efforts were praised for the Biennial, and in particular, Carol White's efforts. 2YC₃ needs to find out how many of our members attended the Biennial. John's 2YC₃ report to DivCHED was well received. Betty Moore requested material from 2YC₃ for the <u>Journal of Chemical Education</u>. John Kenkel wrote an article, the first half of which appeared in the latest issue and the second half of which will appear in the next issue. **Dick Jones will write an article describing some of the talks at the 138th Conference.** We will need to determine how best to supply articles under the 2YC₃ name to the <u>Journal of Chemical Education</u>.

IV. Old Business

A. Regional Advisory Board Members

John Kenkel asked everyone to think about new members for the San Antonio meeting. There will be some people going off at the end of 1996 and there are some people who are moving.

B. Plaques for 25-Year College Sponsors

Carol reported that Essex Community College in Baltimore, MD is the only 25-year recipient this year. **John will write to them informing them of the honor**. A new plaque will be sent to Cuyahoga Community College to replace the damaged one.

C. Conference Guide Book Revision

Dave Klein reported that the book is up-to-date. Ann Cartwright has 15 copies and John Kenkel has the disk copy. Ann will send a copy to Carol.

D. Policies and Procedures Revision

Jay Bardole walked the COCTYC through the suggested revisions made at the Seattle meeting concerning voting procedures. Jay will mail out clean copies to COCTYC for consideration at San Antonio. Jay will also compose a requirement that COCTYC nominees get a college support statement as part of their nomination materials. John Kenkel will mail out a notice for the nominations of 1998 chair elect. Everyone was asked to review the calendar for COCTYC business.

E. Baseline Study

This was held over until the San Antonio Meeting.

F. Instrumentation Workshops

Dick Jones reported that the 2YC₃ Instrumentation Workshops went smoothly and that a proposal for renewal is at the National Science Foundation.

G. National Chemistry Week Teleconference

John reported that the invitation for us to participate in the teleconference was retracted

Added Item.

H. Joint meetings between 2YC₃ and C₃

Dave Klein will pursue the joint conferences with C₃.

V. New Business

A. 15th Biennial

Uni Susskind is the 2YC₃ contact person.

Added Items

B. SoCED Invitation Conference to rewrite the <u>Guidelines for 2-Year College Chemistry Programs</u>, September 27-29, 1996.

A separate Guidelines for Chemical Technology Programs and modern methods of delivery prompted SOCED to rewrite the current guidelines. A rough draft will be made available to the COCTYC for input.

C. Industrial Sponsors Plaques

The question was asked whether or not we should have plaques recognizing 25 years of sponsorship. Carol White will look at the record to determine which companies have been sponsors for a long time.

D. Industrial Sponsors

Jeff Cramer moved and Dave Klein seconded that exhibitors be offered a \$50 exhibit fee for one conference as well as a \$100 Industrial Sponsors fee allowing them to exhibit at all conferences during the year. The motion passed.

Jeff Cramer moved and Dick Jones seconded that not-for-profit

organizations be allowed to exhibit at conferences at no costs. The motion failed.

Jeff Cramer moved and Carol White seconded that 50% of \$50 exhibit fees and new \$100 Industrial Sponsors fees go to the department holding the conference. The motion passed.

VI. Adjournment

The meeting was adjourned at 8:20 p.m.

Respectively submitted, Richard Jones, Chair-elect

Action Items

John Kenkel will mail out a ballot for the 1997 Industrial Sponsors Chair.

Carol White was asked to check on the progress of the 147th Conference.

John Kenkel will ask Ann Cartwright to check for a possible site change for the 150th conference because of too many 2YC₃ meetings in the midwest during that time.

COCTYC members should bring budget items for consideration to the San Antonio Conference.

Jeff Cramer will write a letter to Eliott Greenberg informing him that prior approval by COCTYC for expenses is required.

COCTYC members will study the proposal from Div Ched for special fees structures for new members for discussion at San Antonio.

Dick Jones will write an article describing some of the talks at the 138th Conference.

John Kenkel asked everyone to think about new RAB members for the San Antonio meeting.

John Kenkel will write to them informing them of the honor of a 25 year plaque.

Ann Cartwright will send a copy of the Conference Guidelines to Carol White.

Jay Bardole will mail out clean copies of Policies and Procedures to COCTYC for consideration at San Antonio.

Jay Bardole will compose a requirement that COCTYC nominees get a college support statement as part of their nomination materials.

John Kenkel will mail out a notice for the nominations of 1998 chair elect.

COCTYC members was asked to review the calendar for COCTYC business.

Carol White will look at the record to determine which companies have been sponsors for a long time.

COCTYC:

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

Statement of Income and Expenses

For The Period: 1 January 96 to 7 October 96

Beginning Balance

\$1,217.84

Income			Amount	% of Total
Operatin	9		1	70 01 10 001
	DivCHED Membership Dues Industial Sponsors College Sponsors Newsletter Adds Interest	73*\$10+487*\$15 12*\$100 +\$75 +3*\$25 110 * \$25 1	2000.00 8033.25 1475.00 2750.00 600.00 134.59	10.5 42.1 7.7 14.4 3.1
Subtotal Miscellar	IROUS	14992.84	134.39	0.7
	Pin & Etc Sales and Miscellaneous From savings reserves		70 4000.00	0.4 21.0
Total In	come		\$19,062.84	100.0

Expens	808	Amount	% of Total
Operatio	19		170 01 10441
	Travel	6913.58	39.8
	Office	303.00	1.3
	College Sponsor	234.63	
	Conference Mentoring and Training	949.50	1.4
	Meeting Sites		5.4
	Newsletter Printing	3000.00	17.3
Subtotal	15603.75	4203.04	24.1
Miscella	neous		
	1996 Biennial Conf. Chem. Educ/Clemson Univ.	605.45	3.5
	Brochures		0.0
	25 Yr Plaques, pins, etc	532.72	3.1
	23 11 Fraques, pins, etc	614.87	3.5
F - 4 - 1 - 15			0.0
otal E	xpenses	\$17,356.79	100.0
Vet Inc	ome(Loss)	\$1,706.05	:

Current Balance

\$2,923.89

Comments:

Respectfully Submitted

JLC Disk "2YC3" MSExcol File "Yrlnco96.XL8"

Active College Sponsors for 1996 - 111

Essex Community College has 25 years as college sponsor in 1996.

Please look for the 26 year college sponsors, also.

COCTYC(Committee on Chemistry in the Two-Year College) thanks all the college sponsors!

Please check for corrections and notify Jeff Cramer.

14 October 1996

College Sponsors	1996				Years as College Sponsor
Address					Op01.301
Contact Person,	Phone, em	ail, FAX			
Aims Community Co 5401 W. 20th Street	llege	Greeley	со	80634	15
Don Harris	970-330-8008		n	00004	
Allegany Community Willowbrook Road	College	Cumberland	MD	21502	4
James Stickler	301-724-7700	Ext 2		21002	
Alvin Community Co 3110 Mustang Rd.	llege	Alvin	TX	77511	6
Betty Graef					
Amarillo College P.O. Box 447		Amarillo	тх	79178	14
Art Schneider	806-371-5328				
Anne Arundel Comm 101 College Parkway	unity Colleg	je Arnold	MD	21012	17
D. M. Reeder				21012	
Anoka-Ramsey Comi 11200 Mississippi Blvd	munity Colle	ege Coon Rapids	MN	55433	3
Lance S. Lund				30,00	
Arizona Western Coll P.O. Box 929	ege	Yuma	AZ	85364	26
Robert Ingram					
Athens Area Technic U. S. Highway 24 North		Athens	GA	30610	4
Carol White	706-355-5033	clwhite.uga.cc.uga.e	edu	706-369-5753	
Baltimore City Comm 2901 Liberty Heights Av	unity Colleg	je Baltimore	MD	24245 700	22
Donald Hoster	410-333-5939	dphoster@umds.um		21215-789	3
	555 555	-p@amao.an	ouu		

College Sponsors 1	1996				Years as College Sponsor
Address					•
Contact Person,	Phone, ema	ail, FAX			
Bergen Community C 400 Paramus Rd.	ollege	Paramus	NJ	07652	1
P. J. Ricatto	201-447-7906				
Bismark State College 1500 Edwards Ave.	€ .	Bismark	ND	58501	1
Frank Kock	701-224-5423				
Black Hawk College 6600 34th Ave.		Moline	IL	61265	21
L. J. Griswold					
Blinn College 902 College Avenue		Brenham	TX	77833	8
Kenneth A. French					
Blue Mountain Comm 2411 N.W. Carden, P. C		ge Pendleton	OR	97801	9
Lany Eddy	541-276-1260			541-276-6523	1
Brazosport College 500 College Drive		Lake Jackson	тх	77566	23
Ken Tasa	409-266-3320	ktasa@brazosp	ort.cc.tx.us	409-265-294	4
Bucks County Common Swamp Road	unity Colleg	je Newtown	PA	18940	4
Michaeleen Lee	215-968-8364			215-504-8520)
Burlington County Co Pemberton-Brown Mills		Pemberton	NJ	08068	22
Vincent Sollimo					
901 S. Haverhill Road	ınity Colleg	e El Dorado	KS	67042	5
Robert Carlson	316-322-3137			316-321-5122	
Cape Fear Community 411 N. Front Street	/ College	Wilmington	NC	28401	15
Dale R. Buck					
Chandler-Gilbert Com 2626 E. Pecos Road	munity Col	lege Chandler	AZ	85225	6
Ronald Watras	602-732-7139	watras@cgc.ma	ricopa.edu	602-732-7195	
Charles County Comm P. O. Box 910	nunity Colle	e ge LaPlata	MD	20646	21
Douglas E. Zabel	301-934-7804			301-934-5260	

College Sponsors 1	996				Years as College Sponsor
Address					•
Contact Person, F	Phone, ema	il, FAX			
Cincinnati State Techi 3520 Central Parkway	nical & Co	mmunity College Cincinnati	ОН	45223	5
Martha Brosz				513-569-4686	3
Clackamas Communit 19600 S. Molalla Ave.	y College	Oregon City	OR	97045	12
Steve Brown	503-657-69581	xt2			
Clinton Community Co 1000 Lincoln Boulevard	ollege	Clinton	IA	52732	6
John L. Bonte	319-242-6841	jbonte@eiccd.cc.ia.us	S	319-242-7868	?
College of DuPage 22nd Street & Lambert F	Road	Glen Ellyn	IL	60137	6
Wes Fritz	708-942-3394	fritzw.cdnet.cod.edu			
College of Lake Count 19351 W. Washington S		Grayslake	IL	60030	23
Michael Corn	847-223-6601			847-223-1357	
College of Southern Id P. O. Box 1238	laho	Twin Falls	ID	83301	12
Rex Widener	208-733-9554	rkw@magiclink.com		208-736-2136	
College of the Sequoia 915 S. Mooney Blvd.	IS	Visalia	CA	93277	5
Marie Straw					
Colorado Northwester 500 Kennedy Drive	n Comm. C	ollege Rangely	со	81648	5
Roy Gold					
Columbia Basin Colleg 2600 N. 20th Ave.	le	Pasco	WA	99301	9
Instruct. Director	509-547-0511				
Comm. College of Alle 808 Ridge Avenue	gheny Cou	nty Pittsburgh	PA	15212	7
J. McCalip	412-237-2535			412-237-4521	
Community College of 400 East Ave.	Rhode Isla	nd Warwick	RI	02886	22
Ralph R. Keiser					
Cuesta College P. O. Box 8106		San Luis Obispo	CA	93403	15
Joe Asire					

College Sponsors	1996				Years as College Sponsor
Address					- 6 - 11 - 11
Contact Person,	Phone, ema	nil, FAX			
Cuyahoga Communi 1100 Pleasant Valley I	ty College, \ Road	Western Campus Parma	ОН	44130	26
Florence Wolters-Chew	216-987-5436	florence wolter	s-chew@tri-c.c	216-987-5066	3
DeAnza Community 21250 Stevens Creek		Cupertino	CA	94014	26
Robert R. Hubbs	408-864-8591	rrh2541@aspe	n.fhda.edu		
Dodge City Commun 2501 N. 14th Avenue	ity College	Dodge City	KS	67801	12
R. G. Albrecht	316-225-1321	- •			
Donnelly College 608 North 18th Street		Kansas City	KS	66102	5
Gonca Yerteri	913-621-8790			913-621-0354	
East Georgia College 131 College Circle	•	Swainsboro	GA	30401	3
G.W. Donaldson	912-237-7831				
El Centro College Main and Lamar		Dallas	TX	75202	19
R.H. Logan, Jr.	214-74-2382				
Elgin Community Col 1700 Spartan Drive	llege	Elgin	IL	60123	22
Lavoir Banks	708-697-1000				
Erie Community Colle 4140 Southwestern Blv		Orchard Park	NY	14127	12
Diane Schulman	716-851-1795	schulmdr@snyt	oufaa.cs.snybu		
Erie Community Colle Main St. and Young Ro	e ge- N. Cam ∣ ad	pus Williamsville	NY	14221	8
Gerald Berkowitz	716-634-0800				
Essex Community Co 7201 Rossville Blvd.	llege	Baltimore	MD	21237	25
Mary S. Vennos	301-522-1546				
Essex County College 303 University Avenue	9	Newark	NJ	07102	4
Rudolph B. Jones	201-877-3291				
Florida Community Co 3939 Roosevelt Blvd.	ollege- Kent	Campus Jacksonville	FL	32205	3
Wendell Massey	904-381-3544			904-381-3462	

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Contact Person,	Phone, ema	ail, FAX			
Gainesville College P. O. Box 1358		Gainsville	GA	30503	23
Gary Mc Glaun	770-718-3667	gmcglaun@he	rmes.gc.peachn		
Gloucester County Co Taynard & Salinas Roa		Sewell	Nj	08080	16
Ray Gangi	609-468-5000				
Grand Rapids Common 143 Bostwick, N.E.	unity Colleg	je Grand Rapids	MI	49503	8
Roger DeVries	616-771-4255				
Green River Commun 12401 S. E. 320th Street		Auburn	WA	98092	19
Dennis Regan	206-833-9111				
Harford Community C 401 Thomas Run Road	ollege	Bel Air	MD	21015	23
Paul J. Santiago	410-836-4166	psantiago@han	ford.cc.md.us	410-836-4410	1
Highland Community Pearl City Road	College	Freeport	IL	61032	14
Fred Redmore					
Holyoke Community (303 Homestead Ave.	College	Holyoke	MA	01040	23
Elizabeth G. Tite	413-538-7000				
Hudson Valley Comm 80 Vandenberg Ave.	unity Colleç	ge Troy	NY	12180	23
John Youker, Chair	518-270-7112	youkerjoh@hvcd	c.edu		
Hutchinson Communi 1300 N. Plum	ty College	Hutchinson	KS	67501	11
Ronald Pfister					
Jackson Community (2111 Emmons Rd.	College	Jackson	MI	49201	23
Albert Krieger	517-787-0800 E	xt 2			
Jefferson Community Outer Coffeen Street	College	Watertown	NY	13601	11
John Penrose	315-786-2231	john_penrose@d	comgate.sunyj		
Kansas City Kansas C 7250 State Avenue	omm. Colle	ge Kansas City	KS	66112	26
David Klein	913-334-1100 Ext	15 dwk39@aol.com	9	913-596-9606	

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Address					•
Contact Person, F	Phone, ema	ail, FAX			
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Jerry Fuller	214-983-8243	-			
Lewis and Clark Comi 5800 Godfrey Road	munity Col	lege Godfrey	IL	62035	23
Richard E. Jones, Jr.	618-466-3411 E	xt48 djones@lcma	ail.lc.cc.il.us	618-466-2798	•
Linn-Benton Commun 6500 S. W. Pacific Rd.	ity College	Albany	OR	97321	23
Peter Scott	541-917-4741	scottp@gw.ik	occ.cc.or.us	541-917-4755	
Lorain County Commu 1005 N. Abbe Rd.	unity Colle	ge Elyria	ОН	44035	26
James Carney	330-365-4191				
VicHenry County Com Rt. 14 at Lucas Rd	munity Col	llege, District #52 Crystal Lake	28	60012	22
John Konitzer	815-455-8714	jkonitzer@pol	oox.mchenry.cc.il		
Mesa Community Colle 1830 W. Southern Ave.	ege	Mesa	AZ	85202	26
John Weide					
Metropolitan Commun P. O. Box 3777	ity College) Omaha	NE	68103	6
John Mangini	402-449-8301	jmangini@me	tro.mccneb.edu	402-449-8333	
fliami-Dade Communi 11011 S.W. 104th St.	ty College-	South Campus Miami	FL	33176	18
Dorma Gottlieb	305-237-2492	d004420c@d	ofreenet seflin lib	305-237-2801	
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Joe Blumentritt					

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David W. Robare	206-526-0187	Seattle dwrobare@seaccd.	WA	98103 206-527-3748	
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P. O. Box 19000	College	Portland	OR	97219	9
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Roma Adventi	312-756-3110				
Prince George's Com 301 Largo Rd.	munity Coll	e ge Largo	MD	20774-219	17
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Curtis L. McLendon	714-582-4809	mclendon_	c@sccd.cc.ca.us	714-347-1936	
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Ann Cartwright	713-476-1882	acartw@sj	od.cc.tx.us	713-478-2757	
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H. Vanderbitt	916-624-3333				

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Chemistry Dept. Chair	501-862-8131				
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Diane Ostolic	708-596-2000				
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Donna Harrison	216-494-6170 E	kt 42 dharrison@stark.cc.o	h.us	216-494-0571	
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Edith Bartley					
Tarrant County Jr. Col 828 Harwood Road	lege-N.E. C	Campus Hurst	TX	76055	26
Janet Hamilton	817-788-6591				
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Mike Buttram	903-838-4541 E	xt2			
Trident Technical Colle 7000 Rivers Ave.	ege .	Charleston	sc	29406	2
Alex Bell	803-572-6159	zpbella@trident.tec.sc	us	803-569-6470	
Truckee Meadows Con 7000 Dandini Blvd	nmunity Co	ollege Reno	NV	89512	9
Eun-Woo Chang	702-673-7089				
University College, Uni Mail Location 168	versity of (Cincinnati Cincinnati	ОН	45221	5
Mary Fox	513-556-1710	foxmc@uc.edu		513-556-3007	

Contact Person, Phone, email, FAX Valencia Community College P. O. Box 3028 Orlando FL 32802 Silvia Zapico 407-299-5000 Ext 2 407-299-5000 Ext 2 Valley Forge Military College 1001 Eagle Rd., Sorley House Wayne PA 19087 LTC Sam Wrightson Victoria College 2200 E. Red River Victoria TX 77901 Ray S. Sager 512-573-3291 Vincennes University	rs as College onsor
P. O. Box 3028 Orlando FL 32802 Sitivia Zapico 407-299-5000 Ext 2 407-299-5000 Ext 2 Valley Forge Military College 1001 Eagle Rd., Sorley House Wayne PA 19087 LTC Sam Wrightson Victoria College 2200 E. Red River Victoria TX 77901 Ray S. Sager 512-573-3291	
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1001 Eagle Rd., Sorley House Wayne PA 19087 LTC Sam Wrightson Victoria College 2200 E. Red River Victoria TX 77901 Ray S. Sager 512-573-3291	243
Victoria College 2200 E. Red River Victoria TX 77901 Ray S. Sager 512-573-3291	6
2200 E. Red River Victoria TX 77901 Ray S. Sager 512-573-3291	
	6
Vincennes I Iniversity	
1002 N. 1st Street Vincennes IA 47591	26
Jay Bardole 812-888-4372 jbardole@vunet.vinu.edu 812-888-4540	
Walters State Community College 500 S. Davy Crockett Parkway Morristown TN 37814	9
Mary C. Lu	
Westark Community College P. O. Box 3649 Fort Smith AR 72913	26
Thomas R. Clark 501-785-4241	

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	
College Address(Street)	
College Address(City,State, Zip)_	
Contact Person: (Title)	(Name)
Phone	Ext
Fax	e-mail
Address if different from above_	

All questions and correspondence concerning $2YC_3$ College Sponsorship should be directed to:

Jeff Cramer
Stark Technical College
6200 Frank Ave NW
Canton, Ohio 44720-7299
Phone 216-494-6170 Ext 377
FAX 216-494-0571

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

Membership Report

As of October 5, 1996, there are 650 paid members in 2YC3. The total membership is 1300.

Submitted by Joanne Lin

A Reminder

Affiliate Membership in the Division of Chemical Education can be obtained without joining the American Chemical Society. Division of Chemical Education membership costs \$10 per year and benefits include three CHED Newsletters a year (a valuable source of information on the leading edge of chemical education). Every two years, 2YC3 joins the Division of Chemical Education in a joint meeting at their "Biennial" Meeting. The Committee On Chemistry in the Two Year College (COCTYC) highly recommends membership in the Division of Chemical Education. (Affiliate members have all membership privileges except voting and holding elective offices.)

To join the Division of Chemical Education, write to:

Sr. Mary Virginia Orna
OSU, Treasurer
Division of Chemical Education
Department of Chemistry
College of New Rochelle
New Rochelle, NY 10801

Include a check or money order for \$10 payable to:

Division of Chemical Education

2YC₃

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE Division of Chemical Education American Chemical Society

Application for Industrial Supporting Membership

	DATE
Firm's Name:	
	State:Zip:
Contact Person:	
	_MsMissMrs.
Title:	
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Distributor Chemistry Model Mar Chemistry Instrumer Chemistry Chart Mar Chemistry Equipment Distributor Chemistry Examinati Chemistry Laborator Distributor Audio-Visual Equipm Other (Describe)	Media Publisher, Producer, or nufacturer or Distributor nufacturer or Distributor nufacturer or Distributor c or Supply Manufacturer or non Publisher ry Furniture Manufacturer or nent and Materials
All questions and corresponden Memberships should be directed Carol White Athens Area Technical Ins 800 U. S. Highway 29 Nort Athens, GA 30601-1500 e-mail: clwhite@uga.cc.ug Please make check for \$100 pay in the Two-Year College and re Carol White at the above addressed	titute The Phone: (706) 355-5033 Ta.edu Table to Committee on Chemistry turn completed application to:

REPORT OF 2YC₃ INDUSTRIAL SPONSORS - 23

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Chemical Education Resources 8C Pleasant Street S Natick, MA 01760

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

Dr. C. Heath 125 Spring Street Lexington, MA 02173

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

John Wiley & Sons, Inc. P.O. Box 2608 Blue Jay, CA 92317

October 14, 1996 Submitted by: Carol White, Industrial Sponsors Chair

CONFERENCE SUMMARY CALENDAR

October 9,1996

ACADE! YEAR	MEC.	
ACA		œ
\	ACA	EA
	•	

141st EASTERN June, 1997 (Joint meeting with C3 Newfoundland)	145th Summer 1998 Waterloo, Canado (15th Biennial)		152rd Summer 2000 (16th Biennial)
140th WESTERN April 11-12, 1997 San Francisco, CA (ACS-San Francisco April 13-17, 1997)	144TH SOUTHERN Mar. 27-28, 1998 Dallas, TX (ACS-Dallas March 29-April 3, 1998)	148th WESTERN Early Spring 1999 (ACS-Anaheim)	151nd WESTERN Early Spring 2000 (ACS Las Vegas)
139th SOUTHERN Nov. 15-16, 1996 San Antonio, TX	143rd MIDWESTERN Nov. 14-15, 1997 Hastings, NE	147th SOUTHERN Late Fall 1998 Jacksonville, FL	150st SOUTHERN Late Fall 1999 Fort Smith, AR
	142nd EASTERN Sept. 26-27, 1997 Bethlehem, PA	146th MIDWESTERN Sept. 18-19, 1998 Bismarck, ND	149th MIDWESTERN Early Fall 1999
1996-1997	1997-1998	1998-1999	1999-2000

TWO-YEAR COLLEGE CHEMISTRY CONFERENCE SITES

1996-97 ACADEMIC YEAR

139th CONFERENCE (SOUTHERN)

November 15-16, 1996

San Antonio College 1300 San Pedro Ave. San Antonio, TX 78212

Contact: Bill Haley San Antonio College OFFICE: (210) 733-2704 EMail: Whaley@accd.edu

140th CONFERENCE (WESTERN)

April 11-12, 1996

(April 13-17, 1997, ACS National Meeting, San Francisco)

Contact: Paul O'Brien West Valley College 14000 Fruitvale Avenue Saratoga, CA 95070-5698 OFFICE: (408) 471-2585

141st CONFERENCE

June 12-14, 1997

Joint Meeting with C3 of Canada Sir Wilfred Grenfell College Cornerbrook, Newfoundland

Contact: David Klein

Kansas City Kansas Community College

OFFICE: (913) 334-1100 ext. 152

E-Mail: dwk39@aol.com

1997-98 ACADEMIC YEAR

142nd CONFERENCE (EASTERN)

September 26-27, 1996

Northampton Community College 3835 Green Pond Rd. Bethlehem, PA 18017

Contact: Ronald DeStefano OFFICE: (610) 861-5437

143rd CONFERENCE (MIDWESTERN)

November 14-15, 1997

Central Community College Hastings Campus P.O. Box 1024 Hastings, NE 68902-1024

Contact: Georgianna Whipple-Van Patter

OFFICE: (402) 463-9811

E-Mail: whihbio@cccadm.gi.cccneb.edu

144th CONFERENCE (SOUTHERN)

March 27-28, 1998

(March 29-April 3, 1998, ACS National Meeting, Dallas)

Contact: Sonja Davison

Tarrant County Junior College, Northeast Campus

828 Harwood Road Hurst, TX 76054

OFFICE: (817) 788-6547

145th CONFERENCE (15TH BIENNIAL)

Summer, 1998

Waterloo, Canada

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

147TH CONFERENCE (SOUTHERN)

Late Fall, 1998

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

Contact: Wendell Massey OFFICE: (904) 381-3544

148TH CONFERENCE (WESTERN)

Early Spring, 1999

(ACS National Meeting, Anaheim)

Anaheim, CA

All 2YC3 members are urged to make suggestions regarding meeting sites, program personnel, themes and programming suggestions, in writing, to the Executive Committee members and program chairs of the specific conferences. We welcome your suggestions.

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Margot Schumm (retired) 4908 Melinda Court Rockville, MD 20853-2229 Home: (301) 460-5561

CONFERENCE PROGRAM

139th 2YC₃ Conference (Southern Region)
San Antonio College
1300 San Pedro Ave.
San Antonio, Texas 78212
November 15 and 16, 1996

Program Theme: "Recruitment and Retention of Chemistry Students"

Friday, November 15 - McAllister Auditorium

8:00-3:00	Registration and Exhibits
9:00-9:45	Southern Regional Advisory Board Meeting (anyone invited)
9:45-10:10	Welcome and Opening Remarks Robert Zeigler, Interim President, San Antonio College
10:15-10:30	Refreshments
10:40-11:30	Session I - "Using Writing to Learn in Organic Chemistry" Kenneth Pohlmann, St. Mary's University
11:30-12:45	LUNCH - at the College or in the neighborhood
12:45-1:40	Session II - "Multimedia and Group Learning to Enhance Learning in General Chemistry" James Birk, Arizona State University
2:00-5:00	Tour A - Mission Pharmacal - a pharmaceutical manufacturer which makes dietary supplements including Citrical. Tour B - DPT Laboratories - producer of cosmetic products and some pharmaceutical products.
	Banquet - Holiday Inn Select (Airport) Speaker to be announced.

CONFERENCE PROGRAM

Saturday, November 16th McAllister Auditorium and Chemistry Geology Building

8:30-9:30	Session III - "Undergraduate Research as an aid in the Retention of Chemistry Students" Nancy Mills, Trinity University
9:30-9:50	Refreshments
10:00-10:50	Session IV - "Conceptual Computer Animations and Simulations: Improving Student Understanding of Chemistry Thomas Greenbowe , Iowa State University
11:00-11:50	Session V- Panel Discussion-"Recruitment and Retention, Why? How? - successes and failures" Invited Panelists: Larry Peck, Texas A&M University Kenneth Pohlmann, St. Mary's University James Birk, Arizona State University Nancy Mills, Trinity University Thomas Greenbowe, Iowa State University Ann Cartwright, San Jacinto College
12:00-1:00	Lunch - College Cafeteria
1:00-3:00	Workshops- Chemistry Geology Building