

135th 2YC3 Conference

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

CHANGING CHEMICAL EDUCATION K-16

*Delgado Community College
615 City Park Avenue
New Orleans, LA 70119-4399*

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE

Division of Chemical Education, Inc.
American Chemical Society
1995 Roster of Committee Members

- Chair Ann Cartwright, San Jacinto College Central (1998)
8060 Spencer Hwy., Pasadena, TX 77501-2007
Office: (713) 476-1882 FAX: (713) 478-2757
Home: (713) 669-8705
- Immediate Wendell Massey, Florida Community College-Kent Center (1997)
Past Chair 3939 Roosevelt Blvd., Jacksonville, FL 32205
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Home: (904) 766-2248
- Chair-Elect John Kenkel, Southeast Nebraska Community College (1999)
8800 "O" Street, Lincoln, Nebraska 68520
Office: (402) 437-2485 FAX: (402) 437-2404
Home: (402) 477-8779
- Treasurer/
College Jeffrey Cramer, Stark Technical College (1998)
Sponsors 6200 Frank Ave. N.W., Canton, Ohio
Office: (216) 494-6170, Ext. 377 FAX: (216) 494-0571
Home: (216) 695-4724
- Membership Richard F. Jones, Sinclair Community College (1995)
Chair 444 West Third Street, Dayton, OH 45402
Office: (513) 226-7907 FAX: (513) 449-5164
Home: (513) 836-9179
- Industrial Carol White, Athens Area Technical Institute (1997)
Sponsors 800 U.S. Highway 29 North, Athens, GA 30610-1500
Chair Office: (706) 355-5033 FAX: (706) 369-5753
Home: (706) 769-8341
- Newsletter Robert Kirkley, San Jacinto College Central (1997)
Editor 8060 Spencer Hwy., Pasadena, TX 77501-2007
Office: (713) 476-1501, Ext. 688 FAX: (713) 837-8455
Home: (713) 427-6033
- Past Chairs David W. Klein, Kansas City Kansas Community College (1996)
(Members of 7250 State Avenue, Kansas City, KS 66112
COCTYC) Office: (913) 334-1100, Ext. 152 FAX: (913) 596-9606
Home: (913) 648-2786
- Margot K. Schumm, 4908 Melinda Ct., Rockville, MD 20853 (1995)
Home: (301) 460-5561
- Other Past Ed Heath (deceased), Elliott Greenberg, John Clevenger, Ralph Burns,
Chairs Edith Bartley, Onofrio Gaglione, Jay Bardole, Marion Baker, Tarmar Y.
Susskind, Douglas Bond, Katherine E. Weissmann, Paul Santiago,
John P. Mitchell, William Griffin, Curtis Dhonau, Douglas Bauer
(deceased), Cecil Hammonds, Ethelreda Laughlin, William T. Mooney, Jr.

**135TH TWO-YEAR COLLEGE CHEMISTRY CONFERENCE
ADVISORY BOARD MEETING
DELGADO COMMUNITY COLLEGE
NEW ORLEANS, LOUISIANA
MARCH 22, 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

- II. MINUTES FROM THE 134TH CONFERENCE, QUEENSBOROUGH COMMUNITY COLLEGE**
 - A. Advisory Board Approval
 - B. COCTYC Information

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- III. REPORTS**
 - A. Bayside, New York, Conference, Nov. 17-18, 1995, Richard Jones
 - B. Treasurer, Jeff Cramer
 - C. College Sponsors, Jeff Cramer
 - D. Membership, Joane Lin
 - E. Industrial Sponsors, Carol White
 - F. Future Meeting Sites, Ann Cartwright

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- IV. ANNOUNCEMENTS AND NEW BUSINESS**
 - A. WWW Home Page
 - B. 14th Biennial, Carol White
 - C. DivDHED, Ann Cartwright
 - D. Other

- V. INTRODUCTION OF NEW ARRIVALS**

- VI. ADJOURNMENT**

**135TH TWO-YEAR COLLEGE CHEMISTRY CONFERENCE
COCTYC MEETING
DELGADO COMMUNITY COLLEGE
NEW ORLEANS, LOUISIANA
MARCH 21, 1996**

AGENDA

- I. ADDITIONS/DELETIONS TO AGENDA**
- II. APPROVAL OF MINUTES, 134TH CONFERENCE**
- III. REPORTS**
 - A. Delgado Conference, Tom Gruber
 - B. DivCHED, John and Ann
 - C. Personnel Matters, John
 - D. Future Sites, Ann
 - E. Budget, Jeff
 - F. College Sponsors, Jeff
 - G. Membership, Joanne
 - H. Industrial Sponsors, Carol
 - I. Editor's Report, Bob
- IV. OLD BUSINESS**
 - A. Regional Advisory Board Members, Ann
 - B. Plaques for 25-Year College Sponsors, Ann
 - C. Ed Heath Memorial Fund, John
 - D. Conference Guide Book Revision, Dave
 - E. Policies and Procedures Revision, Dick and Jay
 - F. Brochure Revision, Dick
 - G. Biennial, Carol
 - H. Baseline Study, Ann
- V. NEW BUSINESS**
 - A. Instrumentation Workshop Proposal, Dick
 - B. Other
- VI. ADJOURNMENT**

**Minutes of
2YC₃ Eastern Regional Advisory Board Meeting
134th Conference
Queensborough Community College
Bayside, New York
November 17, 1995**

The meeting was called to order at 9:11 a.m. by Chairperson, Ann Cartwright.

ADDITIONS TO AGENDA

- ◆ There were no additions.

ATTENDANCE

- ◆ There were 19 members present including the following COCTYC members:

Ann Cartwright, 1995 Chair
Dick Jones, Membership Chair
Dave Klein, Past Chair
Carol White, Industrial Sponsor, Chair
Margot Schumm, Past Chair

Dick Gaglione, another Past Chair and Terri Nally, Manager of the American Chemical Society Office of College Chemistry were also present.

MINUTES OF THE 133rd REGIONAL ADVISORY BOARD MEETING

- ◆ The group was referred to the Agenda Book (p. 2) for the minutes. After Margot Schumm made two changes to the minutes, they were approved. The changes are p. 4, first paragraph, second sentence should read: *The COCTYC is a DIVCHED Committee* and the second sentence of the second paragraph should read: *Both 2YC₃ manuals (The Conference Planning Guide and The Procedures and Policies Manuals) are being updated.*

REPORTS

- ◆ *Des Moines Conference* - Carol reported on the 133rd meeting. About 100 people learned about the uses of multimedia from John Kotz with his new textbook edition on CD Rom. Stan Smith at the University of Illinois, et.al. - uses of multimedia. The Friday night banquet speaker entertained everyone with an overview of forensic science.

- ◆ Treasurer - In the absence of treasurer, Jeff Cramer, the treasurer's report was given by Dick Jones. 2YC₃ has been putting a lot of resources back into membership services which accounts for the 10-month deficit of \$8,800. The deficit is due in part to a one-time leadership conference (\$3,699) and with approximately \$1,500 in membership fees not reported in time for this report.
- ◆ College Sponsors - This report was also given by Dick Jones who reported that we have 115 college sponsors at this time whereas we had 120 college sponsors last year at this time. The role of 2YC₃ in opening up NSF grants to two-year colleges and bringing the importance of two-year colleges to the attention of four-year colleges were given as two reasons for two-year colleges to sponsor 2YC₃.
- ◆ Membership - Membership Chair, Dick Jones reported that there are 621 members to date with an anticipated membership for the year of 650 members. The confusion caused by 2YC₃'s calendar year membership accounting and faculty membership's academic calendar mind-set were discussed. The importance of joining the national ACS and the Division of Chemical Ed was emphasized. Dick Jones also reported on 2YC₃'s participation in an NSF Grant running instrumentation workshops for two-year community college faculty. A brochure describing the 1996 Summer Workshops will be mailed out in December.
- ◆ Industrial Sponsors - Industrial Sponsor's Chair, Carol White encouraged everyone to visit the exhibitors at the conference.
- ◆ Future Meeting Sites - Dave Klein reported on behalf of Wendell Massey. The following additions and updates to p. 19 of the 134th Agenda Book were given:
 - 1) The 136th Western Meeting in Seattle dates are May 18-19, 1996.
 - 2) The 138th Midwestern Meeting will be held at Sinclair Community College in Dayton, OH, October 4-5, 1996.
 - 3) The 139th Southern Meeting in San Antonio, TX dates are November 15-16, 1996.
 - 4) The 144th Meeting in conjunction with the National American Chemical Society will be in Dallas, TX not St. Louis, MO.

NEWSLETTER

- ◆ Ann Cartwright announced for Robert Kirkley that the deadline for the next newsletter is December 8, 1995.

HOME PAGE FOR 2YC₃

- ◆ Dick Gaglione reported on the 2YC₃ Home Page that was created by Jay Bardole of Vincennes University. The Home Page includes a number of screens including a listing of positions/positions wanted and instrument exchange list. The address is <http://jarbole.vinu.edu/>

ANNOUNCEMENTS AND NEW BUSINESS

- ◆ 14th Biennial - Carol White, Program Chair for the 2YC₃ portion of the program for the 14th Biennial Conference on Chemical Education, gave a report. There will be eight 2YC₃ symposia and two workshops. This represents a tremendous increase in the involvement by 2YC₃.
- ◆ DivCHED - Margot Schumm reported that COCTYC's request for voting membership on the Executive Board of the Division of Chemical Education is moving slowly but that the request itself is producing positive results. Ann Cartwright reminded us that a poll from the Division of Chem Ed resulted in 108 replies from 2YC₃ members and only five from Division of Chem Ed members showing that 2YC₃ members feel strongly about this issue. Margot also reported on a five-year American Chemical Society minority program. The purpose of the program is to identify minority students by merit and to provide financial support in addition to other sources of funding so that these students would not have to seek part-time work but rather concentrate on their studies.
- ◆ SOCED - Margot Schumm reported on the November 3-4, 1995 SOCED retreat on issues concerning two-year and four-year articulation. This retreat was co-directed by Past 2YC₃ Chair, Uni Susskind, with Past 2YC₃ Chairs John Clevenger and Margot Schumm and 2YC₃ Membership Chair, Dick Jones, represented two-year colleges. A report will be generated summarizing the results of discussions of identifying models of articulation, identifying the data needed to understand articulation issues and ways to foster communication between two and four-year colleges.

ADJOURNMENT

The meeting was adjourned at 9:54 a.m.

Richard Jones, Membership Chair

134th Two-Year College Conference
COCTYC Meeting
Queensborough Community College
Bayside, New York
November 18, 1995

ATTENDANCE

Members: Ann Cartwright, Dick Jones, Dave Klein, Margot Schumm and Carol White were present.

Guests: Mick Canestaro (Program Co-Chair of the 138th Meeting), Joanne Lin (Membership Chair elect), and Paris Svoronos (134th Program Chair)

CALL TO ORDER

- ◆ The meeting was called to order at 4:10 p.m. by chair, Ann Cartwright.

ADDITIONS TO AGENDA

- ◆ Budget approval was added to the agenda under new business.
- ◆ **Dave Klein suggested that action items be put in bold print and that these items be listed at the end. Everyone agreed.**

DISCUSSION OF 134th QUEENSBOROUGH COMMUNITY COLLEGE MEETING

- ◆ The committee thanked Paris for a good meeting that was unique in its use of community college students as speakers. Paris Svoronos said that there were no workshops because none fit the conference theme. Paris said that Queensborough Community College charged him \$800 for coffee breaks and \$250 a day for the use of an overhead projector. The New York Section gave him \$500 and various exhibitors sponsored the coffee breaks. Paris thanked Dick Gaglione (Conference mentor) and Dave Klein for their assistance. He said that the Conference Planning Guide was very useful. Paris felt that the deadlines for the newsletter were too early. Paris Svoronos then left.

APPROVAL OF MINUTES

- ◆ The need for more specificity in the minutes was discussed. **Ann will contact John Kenkel and refer to her notes from the agenda of the COCTYC meeting in Des Moines to make the minutes more specific.** The minutes were then approved subject to revision..

REPORTS

- ◆ Personnel Matters - Mick Canestaro, Joanne Lin, and Carol White left the meeting while personnel issues were discussed.
- ◆ Future Sites - Dave Klein reported for Wendell Massey. **Ann Cartwright will check on the 144th Meeting in Dallas. Ann will also check with Bill Wasserman on the 140th meeting in San Francisco (Jan Dekker's school is a possibility). She will also check on the meetings in Seattle 136th and Bethlehem, PA. Ray Turner is now in a position in his college to host a meeting.**
- ◆ Budget Report - There was no report on the budget.
- ◆ College Sponsors - **Ann will check with Jeff Cramer to see if the 1996 College Sponsors invoices have gone out.**
- ◆ Membership - Dick Jones reported that membership chair-elect, Joanne Lin, has received 10 applications and there are about 20 from this conference. There will be about 650 2YC₃ members for 1995.
- ◆ Industrial Sponsors - Carol White is working on invoices to renew the industrial sponsors.
- ◆ Editor's Report - Ann reported that December 8, 1995 is the next deadline. The deadlines for the coming year have been published.

OLD BUSINESS

- ◆ Ed Heath Memorial Fund - Ann Cartwright reported that Jeff Cramer wrote a check of \$500 to Ed Health's college. **Ann will check to be sure the money was received.**
- ◆ Regional Advisory board member - Dick Jones had faxed corrections to the office of college chemistry but they were not updated in the 134th Conference Booklet. **A hard copy of the RAB will be sent in the future by Dick.** All items for the conference booklets should be sent in hard copy.
- ◆ College Sponsors Plaques - Fourteen 25-year plaques have been made. Three were given out at Queensborough and 3 will be given out in New Orleans. **Ann will instruct Jeff Cramer to delete all titles (Dr., Ph.D., etc.) from the names of college sponsors contacts.**
- ◆ Conference Guide Book Revisions - Dave reported that progress is being made on the Conference Guide Book revisions.
- ◆ Policies and Procedures Revisions - **Dick Jones will check with Jay Bardole on the progress of the Policies and Procedures Manual revision.**

- ◆ Brochure Revision - The revised brochure will go to the printers this week.
- ◆ Biennial - Carol White reported that good progress is being made. The call for papers to be submitted to symposia leaders will be mailed out shortly.
- ◆ Survey - Ann Cartwright was authorized to accept Terri Nally's offer to draft a proposal (suitable for submissions to the Ford Foundation) to match the ACS funding of a baseline study. COCTYC members will meet with John Moore in New Orleans to discuss our voting member status request.

NEW BUSINESS

- ◆ Election Procedures - This item will be discussed when a draft of the Policy and Procedures Manual is ready to review.
- ◆ 1996 Budget Approvals - There was a discussion that the 1996 proposed budget should have been circulated at the 133rd 2YC₃ meeting in Des Moines. **Dave Klein made the motion and Carol White seconded that the following changes be made:**
 - 1) \$4000 be placed in Miscellaneous from Saving Reserves in income to balance the budget (a proposed change)
 - 2) \$500 to support the C₃ Liaison (Dave Klein) to travel to the meeting site (a correction)
 - 3) 4 x \$4000 for newsletter printing be changed to 4 x \$1000 for newsletter printing (a correction)

The motion passed unanimously. Dave Klein made a motion to accept the budget as amended and Margot Schumm seconded, the motion passed unanimously.
- ◆ Other - Dave Klein praised the new travel expense form written by Jeff Cramer. **He made the motion that we set the car mileage rate at \$.29 per mile and that we officially accept the document.** Carol seconded the motion which passed unanimously.

Margot and Dick reported on the Nov. 3-4, 1995, SOCED Invitational Conference on Articulation in Maryland. A draft of the conference will be ready for participant review next year. **The Invitational Conference has requested that the draft be discussed at 2YC₃ Meetings during 1996-97 Academic Year.**

A general consensus confirmed the existing practice that unspent individual travel funds be pooled and used to cover travel expenses of individuals who had gone over budget.

There was also a general consensus that procedural questions raised by Jeff Cramer's letters be addressed at the next COCTYC Meeting.

Margot Schumm was thanked for her "extra" service in filling in for the remainder of Ed Health's term. Ann Cartwright was also praised for her excellent job as chair.

ADJOURNMENT

- ◆ Dave Klein made the motion to adjourn and Carol White seconded. The meeting was adjourned at 7:15 p.m.

ACTION ITEMS

1. Dave Klein suggested that action items be put in bold print and that these items be listed at the end. Everyone agreed.
2. Ann will check to be sure the money was received.
3. Ann will contact John Kenkel and refer to her notes from the agenda of the COCTYC meeting in Des Moines to make the minutes more specific.
4. Ann Cartwright will check on the 144th Meeting in Dallas. Ann will also check with Bill Wasserman on the 140th meeting in San Francisco (Jan Dekker's school is a possibility). She will also check on the meetings in Seattle 136th and Bethlehem, PA.
5. Ann will check with Jeff Cramer to see if the 1996 College Sponsors invoices have gone out.
6. A hard copy of the RAB will be sent in the future by Dick.
7. Ann will instruct Jeff Cramer to delete all titles (Dr., Ph.D., etc.) from the names of college sponsors contacts.
8. Dick Jones will check with Jay Bardole on the progress of the Policies and Procedures Manual revision.
9. Ann Cartwright was authorized to accept Terri Nally's offer to draft a proposal (suitable for submission to the Ford Foundation) to match the ACS funding of a baseline study.
10. Dave Klein made the motion and Carol White seconded that the following changes be made: (1) \$4000 be placed in Miscellaneous from Saving Reserves in income to balance the budget (a proposed change); (2) \$500 to support the C₃ Liaison (Dave Klein) to travel to the meeting site (a correction); (3) 4 x \$4000 for newsletter printing be changed to 4 x \$1000 for newsletter printing (a correction).
11. He made the motion that we set the car mileage rate at \$.29 per mile and that we officially accept the document.
12. The Invitational Conference has requested that the draft be discussed at 2YC₃ meetings during 1996-97 Academic Year.
13. A general consensus confirmed the existing practice that unspent individual travel funds be pooled and used to cover travel expenses of individuals who had gone over budget.
14. There was also a general consensus that procedural questions raised by Jeff Cramer's letters be addressed at the next COCTYC Meeting.

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 Jan 95 to 31 Dec 95

Beginning Balance

\$9,124.59

Income	Amount	% of Total
Operating		
DivCHED	2000.00	11.3
Membership Dues	7635.00	43.2
Industrial Sponsors	1400.00	7.9
College Sponsors	530.00	3.0
Newsletter Adds	300.00	1.7
Interest	609.71	3.5
Subtotal	12474.71	
Miscellaneous		
Pin etc sales	187.12	1.1
From savings reserves	5000.00	28.3
Subtotal	5187.12	
Total Income	17661.83	100.0

Expenses	Amount	% of Total
Operating		
Travel	11014.90	41.2
Office	123.45	0.5
Postage	130.24	0.5
Conference Mentoring and Training	1370.70	5.1
Meeting Sites	4000.00	15.0
Newsletter Printing	3767.09	14.1
Subtotal	20406.38	
Miscellaneous		
1996 Biennial Conf. Chem. Educ/Clemson Univ.	1500.00	5.6
Ed Heath Memorial to Southwest Texas J.C.	500.00	1.9
Brochures	234.63	0.9
25 Yr Plaques	408.84	1.5
Leadership Conference	3699.09	13.8
Subtotal	6342.56	
Total Expenses	\$26,748.94	100.0

Net Income(Loss) **(\$9,087.11)**

Current Balance

\$37.48

Comments:

This year has been a year of change. These changes include increasing expenses in the categories of seed money from \$250 to \$1000, adding \$500 for mentoring per conference, and adding \$250 training per conference. There was a one time expense for the leadership conference. The allotment for the biennial conference has been increased from \$300/yr to \$1000/yr and 2YC3s role at the biennial is increasing.

Respectfully Submitted,

Jeffrey D. Cramer
 Jeffrey D. Cramer
 Treasurer

A.C. Dist. "ZYCS" MEXcel File "06Dec95.XLS"

Active College Sponsors - 117

These were the 1995 College Sponsors. COCTYC appreciates your support.
The invoices for 1996 are presently being mailed.

31 December 1995

College	Contact person	Street Address	City	State	Zip code
Aims Community College	Don Harris	5401 W. 20th Street	Greeley	CO	80634
Allegheny Community College	Dr. James Stickler	Willowbrook Road	Cumberland	MD	21502
Alvin Community College	Betty Graef	3110 Mustang Rd.	Alvin	TX	77511
Amarillo College	Art Schneider	P.O. Box 447	Amarillo	TX	79178
Anne Arundel Community College	Mrs. D. M. Reeder	101 College Parkway	Arnold	MD	21012
Anoka-Ramsey Community College	Lance S. Lund	11200 Mississippi Blvd	Coon Rapids	MN	55433
Arizona Western College	Mr. Robert Ingram	P.O. Box 929	Yuma	AZ	85364
Athens Area Technical Institute	Carol White	U. S. Highway 24 North	Athens	GA	30610
Baltimore City Community College	Dr. Donald Hoster	Accounts Payable	Baltimore	MD	21215
Bellevue Community College	Mr. J. Surendranath	3000 Landerholm Circle	Bellevue	WA	98008
Bismark State College	Frank Kock	1500 Edwards Ave.	Bismark	ND	58501
Black Hawk College	Mr. L. J. Griswold	6600 34th Ave.	Moline	IL	61265
Blinn College	Kenneth A. French	902 College Avenue	Brenham	TX	77833
Blue Mountain Community College	Prof. Larry Eddy	2411 N.W. Carden, P. O.	Pendleton	OR	97801
Brazosport College	Dr. Ken Tasa	500 College Drive	Lake Jackson	TX	77566
Broward Community College	Ronald Haire	3501 S.W. Davie Road	Fort Lauderdale	FL	33314
Bucks County Community College	Dr. Michael Lee	Swamp Road	Newtown	PA	18940
Burlington County College	Dr. Vincent Sollimo	Pemberton-Brown Mill	Pemberton	NJ	08068

College	Contact person	Street Address	City	State	Zip code
Butler County Community College	Mr. Curt Shipley	901 S. Haverhill Road	El Dorado	KS	67042
Cape Fear Community College	Mr. Dale R. Buck	411 N. Front Street	Wilmington	NC	28401
Chandler-Gilbert Community College	Dr. Ronald Watras	2626 E. Pecos Road	Chandler	AZ	85225
Charles County Community College	Dr. Douglas E. Zabel	P. O. Box 910	LaPlata	MD	20646
Clinton Community College	Dr. John L. Bonte	1000 Lincoln Boulevard	Clinton	IA	52732
College of DuPage	Mr. Wes Fritz	22nd Street & Lambert Glen Ellyn	Ellyn	IL	60137
College of Lake County	Dr. Michael Corn	19351 W. Washington	Grayslake	IL	60030
College of Marin	Chair, Chem. Dept.	Kentfield Campus	Kentfield	CA	94904
College of Southern Idaho	Dr. Rex Widner	P. O. Box 1238	Twin Falls	ID	83301
College of the Sequoias	Marie Straw	915 S. Mooney Blvd.	Visalia	CA	93277
Colorado Northwestern Community College	Mr. Roy Gold	500 Kennedy Drive	Rangely	CO	81648
Columbia Basin College	Instruct. Director	2600 N. 20th Ave.	Pasco	WA	99301
County College of Morris	Sharon Kapica, CHM	Route 10 and Center	Dover	NJ	07801
Cuesta College	Mr. Joe Asire	P. O. Box 8106	San Luis Obispo	CA	93403
Cuyahoga Community College	Mr. Cullen Johnson	2900 Community College	Cleveland	OH	44115
DeAnza Community College	Mr. Robert R. Hubbs	221250 Stevens Circle	Cupertino	CA	94014
Dodge City Community College	Mr. R. G. Albrecht	2501 N. 14th Avenue	Dodge City	KS	67801
Erie Community College- N. Campus	Dr. Gerald Berkowitz	Main St. and Young Rd	Williamsville	NY	14221
Essex Community College	Mary S. Vennos	7201 Rossville Blvd.	Baltimore	MD	21237
Essex County College	Rudolph B. Jones	303 University Avenue	Newark	NJ	07102
Gainesville College	Mr. Gary Mc Glaun	P. O. Box 1358	Gainesville	GA	30503
Garden City Community College	Dr. Gary D. Holmes	801 Campus Drive	Garden City	KS	67846

College	Contact person	Street Address	City	State	Zip code
Grand Rapids Community College	Prof. Roger DeVries	143 Bostwick, N.E.	Grand Rapids	MI	49503
Green River Community College	Dennis Regan	12401 S. E. 320th Street	Auburn	WA	98092
Harford Community College	Mr. Paul J. Santiago	401 Thomas Run Road	Bel Air	MD	21015
Highland Community College	Mr. Fred Redmore	Pearl City Road	Freeport	IL	61032
Holly Cross College	Prof. C. M. Biegel	1801 N. Michigan Street	Notre Dame	IN	46556
Holyoke Community College	Ms. Elizabeth G. Tite	303 Homestead Ave.	Holyoke	MA	01040
Hudson Valley Community College	John Youker, Chair	80 Vandenberg Ave.	Troy	NY	12180
Hutchinson Community College	Dr. Ronald Pfister	1300 N. Plum	Hutchinson	KS	67501
Jackson Community College	Prof. Albert Krieger	2111 Emmons Rd.	Jackson	MI	49201
Jamestown Community College	Taylor Pancoast	525 Falconer Street	Jamestown	NY	14701
Jefferson Community College	Mr. John Penrone	Outer Coffeen Street	Watertown	NY	13601
Kansas City Kansas Community College	Dr. David Klein	7250 State Avenue	Kansas City	KS	66112
Kilgore College	Dr. Jerry Fuller	1100 Broadway	Kilgore	TX	75662
Lewis and Clark Community College	Richard E. Jones, Jr.	5800 Godfrey Road	Godfrey	IL	62035
Linn-Benton Community College	Dr. Peter Scott	6500 S. W. Pacific Rd.	Albany	OR	97321
Lorain County Community College	Mr. James Carney	1005 N. Abbe Rd.	Elyria	OH	44035
Manatee Community College	Prof. Anne Barber	5840 26th St. W.	Bradenton	FL	33506
McHenry County Community College, District #528	Mr. John Konitzer	Rt. 14 at Lucas Rd	Crystal Lake	IL	60012
Mesa Community College	John Weide	1830 W. Southern Ave.	Mesa	AZ	85202
Metropolitan Community College	Dr. John Mangini	P. O. Box 3777	Omaha	NE	68103
Miami-Dade Community College- South Campus	Dr. Dorma Gottlieb	11011 S.W. 104th St.	Miami	FL	33176
Mid-Plains Community College	Prof. Denise Barnes	McDonald-Benton Carr	North Platte	NE	69101

College	Contact person	Street Address	City	State	Zip code
Middle Georgia College	Dr. John D. Pasto	Sarah Street	Cochran	GA	31014
Middlesex Community College	Dorthy A. Stumpf	Springs Road	Bedford	MA	01730
Midland College	Dr. Joe Blumentritt	3600 N. Garfield	Midland	TX	79705
Minneapolis Community College	Sharon Sechrist	1501 Hennepin Ave.	Minneapolis	MN	55403
Monroe Community College	Mr. G. R. Nobiling	1000 E. Henrietta Rd.	Rochester	NY	14623
Montgomery College	Clarence Breedlove	51 Mannakee Street	Rockville	MD	20850
Mt. Hood Community College	Dr. Gilbert Albelo	26000 SE Stark Street	Gresham	OR	97030
Muskingum Area Technical College	Mez Hathaway	1555 Newark Rd.	Zanesville	OH	43701
Navarro College	Tom Hammargren	3200 West Seventh Av	Corsican	TX	75110
Navajo Community College	Dr. Kamala Sharma	Dept. of Chemistry and	Tsaile	AZ	86556
New York City Technical College	Mr. Onofrio Gaglione	300 Jay St.	Brooklyn	NY	11201
Normandale Community College	Mr. Warren Eidsness	9700 France Ave. S.	Bloomington	MN	55431
North Harris College	Jean Whileyman	2700 W. W. Thorne	Houston	TX	77073
North Iowa Area Community College	Dr. Edward Dobrzynski	500 College Drive	Mason City	IA	50401
North Lake College	Prof. Floyd King	5001 Mac Arthur Blvd	Irving	TX	75038
North Seattle Community College	David W. Robare	9600 College Way	NortSeattle	WA	98103
Northeast Texas Community College	Jess Dowdy	P. O. Box 1307	Mt. Pleasant	TX	75456
Oakland Community College - Auburn Hills Campus	Prof. Tamar Susskind	2900 Featherstone Rd.	Auburn Hills	MI	48507
Oakton Community College	Dr. C. Churchill	1600 E. Golf Road	Des Plaines	IL	60016
Olympic College	Prof. Robert Kieburtz	1600 Chester Ave.	Bremerton	WA	98310
Paul Smith's College	Patricia C. Flath	Rts. 192 & 30	Paul Smith's	NY	12970
Penn Valley Community College	Mary Jo Podrebarac	3201 Southwest Blvd	Kansas City	MO	64111

College	Contact person	Street Address	City	State	Zip code
Portland Community College	Dexter Plumlee, Dean	P. O. Box 19000	Portland	OR	97219
Prairie State College	Dr. Roma Adventi	P. O. Box 487	Chicago Heights	IL	60411
Prince George's Community College	Dr. Barbara A. Gage	301 Largo Rd.	Largo	MD	20772
Saddleback College	Dr. Curt McLendon	28000 Marguerite Park	Mission Viejo	CA	92692
San Jacinto College- Central Campus	Dr. Ann Cartwright	8060 Spencer Highway	Pasadena	TX	77505
Sauk Valley College	Mr. Dale Heuck	173 Il Route 2	Dixon	IL	61021
Schoolcraft College	Mr. Bill Nickels	18600 Haggerty Road	Livonia	MI	48152
Seattle Central Community College	William Wasserman	1701 Broadway (BE51)	Seattle	WA	98155
Seattle Community College District		1500 Harvard Ave.	Seattle	WA	98122
Sierra College	Mr. H. Vanderbilt	5000 Rocklin Rd.	Rocklin	CA	95677
Sinclair Community College	Dr. Richard F. Jones	444 W. Third Street	Dayton	OH	45402
South Arkansas Community College	Chemistry Dept. Chair	300 South West Avenue	El Dorado	AR	71730
South Suburban College	Dr. Diane Ostojic	15800 S. State Street	South Holland	IL	60473
St. Clair County Community College	Joseph P. Gibbons	323 Erie St.	Port Huron	MI	48060
St. Louis Community College- Flo Valley	Tom Mines	3400 Persall Rd.	St. Louis	MO	63135
St. Louis Community College-Meramec	Mr. Ralph Burns	11333 Big Bend Blvd.	St. Louis	MO	63122
Stark Technical College	Dr. Donna Harrison	6200 Frank Ave. NW	Canton	OH	44720
Tarrant County Jr. College- S. Campus	Mrs. Edith Bartley	5301 Campus Drive	Forth Worth	TX	76119
Tarrant County Jr. College-N.E. Campus	Janet Hamilton	828 Harwood Road	Hurst	TX	76055
Texarkana College	Mike Buttram	2500 N. Robinson Rd.	Texarkana	TX	75501
Trident Technical College	Alex Bell	7000 Rivers Ave.	Charleston	SC	29406
Truckee Meadows Community College	Prof. Eun-Woo Chang	7000 Dandini Blvd	Reno	NV	89512

College	Contact person	Street Address	City	State	Zip code
Truman College	Prof. Donald A. Soucek	1145 W. Wilson	Chicago	IL	60202
Union County College	Prof. Rachel K. Dare	1033 Springfield Avenue	Cranford	NJ	07016
University College, University of Cincinnati	Prof. Mary Fox	Mail Location 168	Cincinnati	OH	45221
Valencia Community College	Prof. Silvia Zapilo	P. O. Box 3028	Orlando	FL	32802
Valley Forge Military College	LTC Sam Wrightson	1001 Eagle Rd., Sorley	Wayne	PA	19087
Victoria College	Dr. Ray S. Sager	2200 E. Red River	Victoria	TX	77901
Vincennes University	Mr. Jay Bardole	1002 N. 1st Street	Vincennes	IA	47591
Walters State Community College	Dr. Mary C. Lu	500 S. Davy Crockett Pkwy	Morristown	TN	37814
Westark Community College	Mr. Thomas R. Clark	P. O. Box 3649	Ft Smith	AR	72913
Western Nebraska Community College	Mr. Gordon Harrach	1601 E. 27th	Scottsbluff	NE	69361
William Rainey Harper College	Chemistry Dept Chair	1200 West Algonquin	Palatine	IL	60067

There were 97 college sponsors as of 10 February 1995. There were 120 college sponsors as of 1 September 1994. The number of college sponsors is not comparable from one year to the next because of the different dates counted.

Respectively submitted;


 Jeffrey L. Cramer
 College Sponsor Chair

134th 2YC3
MEMBERSHIP REPORT

Renewals to date: 400

Submitted by
Joanne Lin

February 27, 1996

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 _____

Address if different from above _____

All questions and correspondence concerning 2YC₃ 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 **Committee on Chemistry in the Two-Year College** and the completed application to Jeff Cramer at the above address.

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

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

REPORT OF 2YC₃ INDUSTRIAL SPONSORS - 20

Ace Glass
P.O. Box 688
Vineland, NJ 08360-0688

Wm. C. Brown Publishers
2460 Kerper Blvd.
Dubuque, IA 52001

Chemical Education Resources
180 Linden Street
Wellesley, MA 02181

Exper.Tech
P.O. Box 737
Yellow Springs, OH 45387-0737

Falcon Software
One Hollis Street
Wellesley, MA 02182

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

Harper Collins College Publish.
8933 Gettysburg Drive
Twinsburg, OH 44087

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

Houghton Mifflin Company
1900 S. Batavia Avenue
Geneva, IL 60134

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

International Thomson Publishing
10 Davis Drive
Belmont, CA 94002

Mettler-Toledo
69 Princeton-Hightstown Road
Hightstown, NJ 08520

Mosby Year Book Inc.
11830 Westline Industrial Drive
St. Louis, MO 63146

Prentice Hall
113 Sylvan Avenue
Englewood Cliffs, NJ 07632

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

Sargent Welch
Box 181
Mt. Gilead, OH 43338

Saunders College Publishing
The Public Ledger Bldg.
150 South Independence Mall West
Suite 1250
Philadelphia, PA 19106

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

Synaps
334 S. Cotner Blvd.
Lincoln, NE 68510-2107

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

February 13, 1996
Submitted by:
Carol White
Industrial Sponsors Chair

CONFERENCE SUMMARY CALENDAR

January 22, 1996

ACADEMIC YEAR

1995-1996	133rd MIDWESTERN Sept. 29-30, 1995 Des Moines, IA	134th EASTERN Nov 17-18, 1995 Bayside, NY	135th SOUTHERN Mar. 22-23, 1996 New Orleans (ACS - New Orleans Mar. 24-29, 1996)	136th WESTERN May 17-18, 1996 Seattle, WA	137th 14th BIENNIAL Aug- 4-8, 1996 Clemson, SC
1996-1997	138TH MIDWESTERN Oct. 4-5, 1996 Dayton, OH	139th SOUTHERN Nov. 15-16, 1996 San Antonio, TX	140th WESTERN ^A April 4-5, 1997 San Francisco, CA (ACS-San Francisco April 6-11, 1997) ₁₃₋₁₇	141st EASTERN June, 1997 (Joint meeting with C3 Newfoundland)	<i>West Valley College Secretary</i>
1997-1998	142nd EASTERN Sept. 26-27, 1997 Bethlehem, PA	143rd SOUTHERN Nov. 14-15, 1997 Jacksonville, FL	144th SOUTHERN ^B Mar. 27-28, 1998 Dallas, TX (ACS-Dallas March 29-April 3, 1998)	145th WESTERN Summer 1998 Waterloo, Canada (15th Biennial)	<i>Tarrant County A.E. H. Worth</i>
1998-1999	146th MIDWESTERN Early Fall 1998	147th SOUTHERN Late Fall 1998	148th WESTERN Early Spring 1999 (ACS-Anaheim)	149th EASTERN Late Spring 1999 (C3 Toronto, Canada)	
1999-2000	150th MIDWESTERN Early Fall 1999	151th SOUTHERN Late Fall 1999	152nd WESTERN Early Spring 2000 (ACS Las Vegas)	153th Summer 2000 (16th Biennial)	

2/1/96

TWO-YEAR COLLEGE CHEMISTRY CONFERENCE SITES

1995-96 ACADEMIC YEAR

135TH CONFERENCE (SOUTHERN)

(March 24-29, 1996, ACS National Meeting, New Orleans)

March 22-23, 1996

Delgado Community College
615 City Park Ave.
New Orleans, LA 70119-4399

Contact Person

Thomas A. Gruber
Delgado Community College
OFFICE : (504) 361-6410

136th CONFERENCE (WESTERN)

May 17-18, 1996

Shoreline Community College
16101 Greenwood Ave.
North Seattle, WA 98133

Contact Person

Clarita Bhat
Shoreline Community College
OFFICE: (206) 546-4575

137th CONFERENCE (14TH BIENNIAL)

August 4-8, 1996

Clemson University
Clemson, South Carolina

Contact Person

Carol White
Athens Area Technical Institute
OFFICE: (706) 355-5033

1996-97 ACADEMIC YEAR

138th CONFERENCE (MIDWESTERN)

October 4-5, 1996

Sinclair Community College
444 West Third Street
Dayton, OH 45402-1460

Contact Person

Michael Canestaro
Sinclair Community College
OFFICE: (513) 226-7907

139th CONFERENCE (SOUTHERN)

November 15-16, 1996

San Antonio College
1300 San Pedro Ave.

San Antonio, TX 78212

Contact Person

Bill Haley
San Antonio College
OFFICE: (210) 733-2704

140th CONFERENCE (WESTERN)

(April 6-11, 1997, ACS National Meeting, San Francisco)

April 4-5, 1997

San Francisco, CA

141st CONFERENCE (EASTERN)

June, 1997

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

Contact Person

David Klein
Kansas City Kansas Community College
OFFICE: (913) 334-1100 ext. 152

1997-98 ACADEMIC YEAR

142nd CONFERENCE (EASTERN)

September 26-27, 1997

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

Contact Person

Ronald DeStefano
OFFICE: (610) 861-5437

143rd CONFERENCE (SOUTHERN)

November 14-15, 1997

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

Contact Person

Wendell Massey
OFFICE: (904) 381-3544

144th CONFERENCE (SOUTHERN)

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

March 27-28, 1998

Dallas

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.

**2YC₃ ADVISORY BOARD, REGION I - WESTERN STATES: Alaska,
Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon,
Utah, Washington Wyoming**

REGIONAL CHAIR

William Wasserman (1998)
Seattle Central Community College
701 Broadway
Seattle, WA 98122
(206) 587-3858
(1994 Site Selection Committee Member)

Hubscher, Arthur (1998)
Ricks College
Rexburg, ID 83460-0500
(208) 356-1930

Scott, Peter (1996)
Linn-Benton Community College
46500 S.W. Pacific Blvd.
Albany, OR 97321
(503) 928-2361

Beam, Terri (1998)
Mt. San Antonio College
1100 N. Grand Avenue
Walnut, CA 91789
(909) 594-5611

Sherman, Ruth (1996)
Los Angeles City College
855 N. Vermont Avenue
Los Angeles, CA 90029
(213) 669-4223

Bhat, Clarita (1998)
Shoreline Community College
Seattle, WA 98133
(206) 546-4575

Boelsta, Rick (1998)
Mt. Hood Community College
26000 S. E. Stark St.
Gresham, OR 97030

Asire, Joe (1998)
Cuesta College
Box 8106
San Luis Obispo, CA 93403-8106

2YC₃ ADVISORY BOARD, REGION II - SOUTHERN STATES: Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas

REGIONAL CHAIR

Bell, Helen (1998)
Dyersburg State Community College
Lake Road
Dyersburg, TN 38024
(901) 286-3382

Alley, Peggy (1996)
Amarillo College
P.O. Box 447
Amarillo, TX 79178
(806) 371-5327

Foster, Jerry (1996)
Amarillo College
P.O. Box 447
Amarillo, TX 79178
(806) 371-5327

Bell, Alex (1996)
Trident Technical College
P.O. Box 10367
Charleston, SC 29411
(803) 572-6159

Graham, James (1998)
J.C. Calhoun Community College
Decatur, AL 35620
(205) 353-3102

McGlaun, Garry (1998)
Gainesville Junior College
P.O. Box 1358
Gainesville, GA 30503
(706) 535-6266

Golden, Peter (1998)
Isothermal Community College
P.O. Box 804
Spindale, NC 28160
(704) 286-3636

Haley, Bill (1998)
San Antonio College
1300 San Pedro Ave.
San Antonio, TX 78212

2YC₃ ADVISORY BOARD, REGION III - MIDWESTERN STATES: Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin

REGIONAL CHAIR

Harrison, Donna (1998)
Stark Technical College
6200 Frank Avenue, N.W.
Canton, OH 44720-7299

Advani, Roma (1998)
Prairie State College
202 S. Halsted Street
Chicago, Heights, IL 60411
(708) 709-3604

Redmore, Fred (1998)
Highland Community College
Freeport, IL 61032
(815) 235-6121, ext. 331

Koch, Frank (1998)
Bismarck State College
1500 Edwards Avenue
Bismarck, ND 58501
(701) 224-5423

Weierich, Andre J. (1996)
Southeast Community College
Cumberland, KY 40823
(606) 589-2145

Dobrzynski, Ed (1998)
North Iowa Area Community College
500 College Drive
Mason City, IA 50401
(515) 421-4272

Chew, Florence (1998)
Cuyahoga Community College
11000 West Pleasant Valley Road
Parma, OH 44130
(216) 987-5436

Penn, Roger (1998)
Sinclair Community College
444 West Third Street
Dayton, OH 45402-1460
(513) 226-2556

2YC₃ ADVISORY BOARD, REGION IV - EASTERN STATES: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Virginia, Vermont, West Virginia

REGIONAL CHAIR

Onofrio Gaglione (1998)
New York City Technical College
300 Jay Street
Brooklyn, NY 11201
(718) 260-5113

Romano, Alla (1998)
New York City Technical College
300 Jay Street
Brooklyn, NY 11201
(718) 643-8242

Stumpf, Dorothy (Dotty) (1996)
Middlesex Community College
Springs Road
Bedford, MA 01730
(617) 275-8910, ext. 280

Jones, Rudolph B. (1998)
Essex County College
303 University Avenue
Newark, NJ 07102
(201) 877-3291

Tobias, John (1996)
Westchester Community College
76 Grasslands Avenue
Valhalla, NY 10595
(914) 285-6939

Kanter, Muriel (1998)
130 Rosseter Street
Dorchester, MA 02121
(617) 282-7139

Turner, Raymond ¹⁹⁹⁸(1995)
Roxbury Community College
1234 Columbus Avenue
Roxbury Crossing, MA 02120-3400
(617) 541-5317

Whitfield, Thomas (1998)
Community College of Rhode Island
Warwick, RI 02889

DiStefano, Ron (1998)
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3835 Green Pond Road
Bethlehem, PA 18017

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William T. Mooney, Jr. (retired)
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Tamar (Uni) Susskind
Dept. of Natural Science
Oakland Community College
2900 Featherstone Road
Auburn Hills, MI 48326
Office: (313) 853-4325
758 McGill Drive
Rochester, MI 48063
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Jay Bardole
109 Shawnee
Vincennes, IN 47591
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Vincennes University
Vincennes, IN 47591
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New York City Technical College
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Brooklyn, NY 11201
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Home: (718) 331-5780

Edith Bartley
7424 Continental Trail
Smithfield, TX 76180
Home: (817) 498-2177
Tarrant County Junior College
South Campus
5301 Campus Drive
Forth Worth, TX 76119
Office: (817) 531-4754

Ralph Burns
1452 Westbrooke Meadows Lane
Ballwin, MO 63021
Home: (314) 225-9253
St. Louis Community College-Meramec
11333 Big Bend Blvd.
St. Louis, MO 63122
Office: (314) 966-7718

John Clevenger
Office of the Chancellor
University of Nevada
2601 Enterprise Rd.
Reno, NV 89512
Office: (702)-784-4821

CONFERENCE PROGRAM

2YC₃

**TWO YEAR COLLEGE CHEMISTRY CONFERENCE
DIVISION OF CHEMICAL EDUCATION
AMERICAN CHEMICAL SOCIETY**

**135th Conference
Delgado Community College
615 City Park Ave.
New Orleans, LA 70119
March 22 and 23, 1996**

PROGRAM

"Changing Chemical Education: K-16"

Friday, March 22:

- 8:00 - 4:00 **Registration and Exhibits**
- 9:00 - 9:45 **COCTYC Advisory Board Meeting (all are welcome)**
- 9:45 - 10:00 **Welcome and Opening Remarks**
Ione Elioff, President of Delgado
Raymond Garrity, V.P. Academic Affairs, Delgado
- 10:00 - 10:45 **Keynote Address: Establishing New Traditions: Revitalizing the Chemistry Curriculum**
John W. Moore, Director of ICE
Institute for Chemical Education
University of Wisconsin-Madison
- 10:45 - 11:30 **Panel Discussion of Keynote Address**
Panel:

John Moore, University of Wisconsin-Madison
David Shaw, Madison Area Technical College, Madison, WI
Mike Morgan, Francisco Bravo Medical Magnet School
Jack Randall - Interlochen Arts Academy, Interlochen, MI
- Moderator: Richard Jones (2YC₃ - 1997 Chair)**
Sinclair Community College, Dayton, OH
- 11:30 - 11:45 **Refreshment Break - Exhibits Area**
- 11:45 - 12:25 ***Authentic Assessment: Is It?***
Mike Morgan, Francisco Bravo Medical Magnet School, L.A., CA

12:25 - 1:35 **Lunch Break** - Gourmet Luncheon prepared by the nationally acclaimed
Culinary Division of Delgado Community College
Iva Bergeron, Director
(Faculty Dining Room - DCC)

1:35 - 2:20 ***The Calculator-Based Laboratory (CBL) Invades the Chemistry Classroom***
Jack Randall - Interlochen Arts Academy, Interlochen, MI

2:35 - 3:20 **Concurrent Sessions**

A. *The New Traditions Project and 2 Year Colleges.*
David Shaw - Madison Area Technical College, Madison, WI

B. *UNO's - Cooperative Internship Program*
Dianne Veith - Delgado Community College, New Orleans, LA
Thomas Lonergan - University of New Orleans, New Orleans, LA

3:20 - 3:40 **Refreshment Break - Exhibits Area**

3:45 - 4:30 **Presentations/Demonstrations/Exhibits/Tours**

A. *The Use of Simulations and Probes to Explore Chemistry*
Barry Berman, Vice President, LOGAL Southeast Region

B. Delgado Community College's Advanced Technology Center

C. Boggs Center for Energy and Biotechnology - Tulane University

6:30 - 7:30 **Cash Bar - Quality Hotel/Metairie**

7:30 - till **Banquet and Address: - Quality Hotel/Metairie**

Keeping U.S. Chemistry Education Up to World Standards
Ronald Breslow, President, ACS
Columbia University

Saturday, March 23

8:00 - 2:00 **Registration and Exhibits**

8:00 - 9:30 **Mini-continental breakfast**

9:30 - 10:15 **Concurrent Sessions:**

A. *Searching The Web-An Independent Study Assignment For Chemistry Students*
Ralph Logan Jr. - El Centro College DCCCD, Dallas, Texas

- 9:30 - 10:15
- B. *Developing Interdisciplinary and Applied Math and Science Units in Stark County Schools***
Willetta Shoemaker, Stark Technical College, Canton, OH
 - C. *Learning Chemistry Through Environmental and Health Issues- Problem Based Learning***
Mansel A. Nelson, Tuba City High School, Tuba City, AZ
- 10:15 - 10:30
- Refreshment Break - Exhibits Area**
- 10:30 - 11:15
- Concurrent Sessions:**
- A. *Electronic Mail in the Chemistry Classroom: Enhanced Communication of Ideas and Information***
Lisa Bell-Loncella - University of Pittsburgh at Johnstown, PA
 - B. *Chemical Philately: A Perforated History of Chemistry***
Mike Morgan, Francisco Bravo Medical Magnet School, L.A., CA
 - C. *Integrating Computers into Laboratory Instruction: Involving Students in the Process of Science.***
John R. Amend, Montana State University
- 11:30 - 12:15
- Concurrent Sessions:**
- A. *A Model for the Integration of Technology into the Chemistry Curriculum***
William J. Treadway, Jr., Parkland College, Champaign, IL
 - B. *The Sharing of Ideas About Successful Chemistry Club Activities and Programs: The Chemical Educator Award***
Clifford LeMaster, Editor-in-Chief, The Chemical Educator
Boise State University, Boise, Idaho
- 12:15 - 1:45
- Lunch - Gourmet box lunch on Campus or walk to local area restaurants.**
- 1:45 - 3:30
- Workshops**
- A. *Introductory Chemistry Experiments with the TI-82/CBL System***
Jack Randall - Interlochen Arts Academy, Interlochen, MI
 - B. *A Multimedia Approach to Teaching General Chemistry***
William J. Treadway, Jr., Parkland College, Champaign, IL
 - C. *"Hands-on" work with the Labworks™ Interface and products of the NSF-sponsored CCLI Initiative – Computers in Chemistry Laboratory Instruction.***
John R. Amend, Montana State University