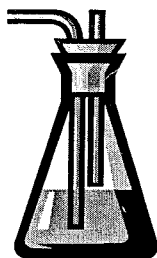


# 152nd 2YC<sub>3</sub> Conference

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



## **16th Biennial Conference on Chemical Education**

University of Michigan  
Ann Arbor, MI 48109-1055  
July 30-August 3, 2000

## COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE

### Division of Chemical Education, Inc American Chemical Society 2000 Roster of Committee Members

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- Treasurer/  
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Swamp Road, Newtown, PA 18940  
Office: (215) 968-8364 Fax: (215) 504-8520  
E-mail: leem@storm.bucks.edu
- Newsletter Editor** Jay Bardole, Vincennes University (2000)  
1002 N. First Street, Vincennes, IN 47591  
Office: (812) 888-4372 Fax: (812) 888-4540  
Home: (812) 882-5272 E-mail: JBardole@Indian.vinu.edu
- Immediate  
Past Chair** Thomas Gruber, Delgado Community College (2002)  
2600 General Meyer Avenue, New Orleans, LA 70114  
Office: (504) 361-6410 Fax: (504) 361-6411  
Home: (504) 943-5507 E-mail: tagruber@aol.com
- Past Chair  
(Members of  
COCTYC)** Carol White, Athens Area Technical Institute (2001)  
800 U.S. Highway 29 North, Athens, GA 30610-1500  
Office: (706) 355-5033 Fax: (706) 355-5181  
Home: (706) 769-8341 E-mail: white@aati.edu
- Richard Jones, Sinclair Community College (2000)  
444 West Third Street, Dayton, OH 45402-7299  
Office: (937) 512-2322 Fax: (937) 512-5164  
Home: (937) 836-9179 E-mail: RJones@sinclair.edu
- Other Past Chairs** John Kenkel, Ann Cartwright, Wendell Massey, David Klein, 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. Mitchel, William Griffin, Curtis Dhonau (deceased), Douglas Bauer (deceased), Cecil Hammonds, Ethelreda Laughlin, William T. Mooney, Jr.

**152nd Two-Year College Chemistry Consortium  
General Membership Meeting Agenda  
University of Michigan  
Ann Arbor, MI 48109-1055  
August 1, 2000**

**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 151st Conference, Diablo Valley College**

- A. General Membership Meeting Minutes page 2
- B. COCTYC Meeting Minutes page 4

**III. Reports**

- A. Oral Report on 151st 2YC<sub>3</sub> Conference, Frank Koch page \_\_\_\_\_
- B. Treasurer, Jeff Cramer page 8
- C. College Sponsors, Jeff Cramer page 9
- D. Membership, Dolores Aquino page 30
- E. Industrial Sponsors page 31
- F. Future Meeting Sites, Tom Gruber page 32
- G. DivCHED, Carol White page \_\_\_\_\_

**IV. Announcements and New Business**

- A. Discussion of Issues Facing Two-Year College Chemistry Faculty

**V. Introduction of New Arrivals**

**VI. Adjournment**

**152nd Two-Year College Chemistry Consortium  
COCTYC Meeting Agenda  
University of Michigan  
Ann Arbor, MI 48109-1055  
August 1, 2000**

**I. Additions/Deletions to Agenda**

**II. Approval of Minutes, 151st Conference**

**III. Reports**

- A. 16th Biennial, Dick Jones
- B. Personnel Matters, Rick Bolesta
  - 1. Newsletter Editor
  - 2. Chair-elect
- C. Future Sites, Tom Gruber
- D. Budget, Jeff Cramer
- E. College Sponsors, Jeff Cramer
- F. Membership, Dolores Aquino
- G. Industrial Sponsors
- H. DivCHED, Carol

**IV. Old Business**

- A. College Sponsor recognition. Placks
- B. Membership promotion Rick
- C. ACS Regional / 2YC<sub>3</sub> possible joint sponsorship
- D. RAB involvement
- E. Meeting Mentors

**V. New Business**

- A. Alternate WEB address, Jay Bardole
- B. WEB task force

**VI. Adjournment**

151<sup>st</sup> Two-Year College Chemistry Consortium  
General Membership Meeting Minutes  
Diablo Valley College  
Pleasant Hill, CA 94523  
March 24, 2000

Rick Bolesta called the meeting to order, at Diablo Valley College, at 10:45 AM.

I. Introductions

Those present at the meeting introduced themselves. COCTYC members present were Rick Bolesta, Frank Koch, Tom Gruber, Dick Jones, Carol White, and Jeff Cramer

II. Minutes

A. Rick noted that the minutes for the 150<sup>th</sup> 2YC<sub>3</sub> Conference held at Westark College, Fort Smith, AR, held November 4-5, 1999, are found on page 2 of the agenda book.

B. Rick Bolesta explained the role of the COCTYC and the goals of the 2YC<sub>3</sub>.

III. Reports

A. Tom Gruber reported on the 150<sup>th</sup> 2YC<sub>3</sub> Conference held at Westark College. The theme was Microscale Chemistry. The program chair, Thomas Clark, scheduled microscale chemistry workshops at the high school and college level. Presenters compared micro and small scale experiments. Other presentations included Instructional Tutorials for Chemical Instrumentation and Computer Animations of Chemical Reactions. Dr. Mono M. Singh, National Microscale Chemistry Center, Merrimack College, was the banquet speaker.

B. Treasurer's Report. Jeff Cramer, Treasurer, gave his report. Our net income as of March 24, 2000, is \$12,689.54. This includes all savings and reserves. Next year's budget was presented showing a loss of \$4650.00. Budget loss may be misleading since the actual travel costs tend to be less than budgeted.

C. College Sponsors. Jeff Cramer reported there are 120 college sponsors of the 2YC<sub>3</sub>. There are approximately 29 college sponsors that will receive a plaque recognizing their 25 years of sponsorship.

D. Membership. Delores Aquino reported there were 413 2YC<sub>3</sub> members for 1999. Combined membership for DivCHED and 2YC<sub>3</sub> is \$25.00. Individual membership is \$15.00 for each.

E. Industrial Sponsors. Rick Bolesta reported there are 18 industrial sponsors as listed on page 35 of the agenda book.

F. Future Meeting Sites. Tom Gruber noted the locations of the following future 2YC<sub>3</sub> meetings:

152<sup>nd</sup> Conference(16<sup>th</sup> Biennial) July 30 – August 3, 2000

University of Michigan, Ann Arbor, MI

Program Chair: Dick Jones

153<sup>rd</sup> Conference (Eastern) October 6-7,2000

Hudson Valley Community College

Troy New York

Program Chairs: Ernest Siew and Jim Zubrick

154<sup>th</sup> Conference(Midwestern) November 10-11, 2000

Vincennes University

Vincennes, IN

Program Chair: Tom Gruber and Jay Bardole

Additional future meetings listed on page 38 of the agenda book.

G. DivCHED. Carol White, DivCHED liaison, explained that the 2YC<sub>3</sub> is a member of the DivCHED of the ACS. Journal of Chemical Education issues through 1996 is on-line. The annual subscription rate for the JCE is \$42 for the hard copy and on-line privileges. Ann Cartwright is an at large member of the JCE.

#### IV. Announcements and New Business

A. 16<sup>th</sup> Biennial Chemical Education Conference. Dick Jones reported that the 2YC<sub>3</sub> is actively involved in planning the Biennial Conference. Everything is on-line. JCE and 2YC<sub>3</sub> will jointly sponsor the ice cream social. 2YC<sub>3</sub> will have a business meeting at the Biennial Conference.

B. Other: Kaveh Zarrabi, Community College of Southern Nevada, gave an overview of 158<sup>th</sup> 2YC<sub>3</sub> Conference to be held in Las Vegas, November 2-3, 2001.

V. The meeting was adjourned at 11:15 am.

Respectively submitted,  
Frank Koch, Chair-elect

151<sup>st</sup> Two-Year College Chemistry Consortium  
COCTYC Meeting Minutes  
Diablo Valley College  
Pleasant Hill, CA  
March 24, 2000

The meeting was called to order at 8:00 am by Rick Bolesta, Chair.

**Attendance**

Members: Rick Bolesta, Frank Koch, Jeff Cramer, Dick Jones, Carol White,  
Delores Aquino, Tom Gruber  
Guests: Ed Dobrzynski and John Clevenger

**I. Additions/Deletions to Agenda**

1. Section III B-2, Election Results
2. Section IV G, Scratch
3. Add V E, New Business, Emeritus Status
4. Add V F, New Business, NSF Proposal Writing
5. Add V G, New Business, DivCHED Booth

**II. Approval of Minutes, 151<sup>st</sup> Conference**

The minutes for the General Membership Meeting and the COCTYC meeting were approved.

**III. Reports**

A. There were 71 registrations at the Diablo Valley College Conference. There were 7 exhibitors representing book companies and lab suppliers. Rick Bolesta thanked Ron Rusay, Leverett Smith, and Claudia Hein for their efforts. The COCTYC decided to add the following questions to the conference evaluation sheet:

1. Are you planning to attend the ACS meeting in San Francisco next week?
2. Would you attend a 2YC<sub>3</sub> Symposium within a National ACS meeting?
3. Would you attend a 2YC<sub>3</sub> Symposium with a Regional ACS meeting?
4. Have you attended an ACS Regional or National meeting within the last two(2) years?

**B. Personnel, Rick Bolesta**

1. Jay Bardole was appointed interim Outlook Editor with travel budget.

2. Clarita Bhat, Shoreline Community College, Seattle, WA, was elected Chair-elect for 2001.
3. Ed Dobrzynski, North Iowa Community College, Mason City, IA, was elected Treasurer for 3 years effective 2001.
4. Delores Aquino is interested in an additional term.

**C. Future Sites, Tom Gruber**

153<sup>rd</sup> Hudson Valley Community College, Troy, NY  
154<sup>th</sup> Vincennes University, Vincennes, IN  
155<sup>th</sup> In conjunction with ACS-San Diego Meeting  
156<sup>th</sup> nothing yet, possible South Carolina

**D. Budget, Jeff Cramer**

Jeff's report was included in the agenda book. Our net income as of March 24, 2000, is \$12689.54. The following changes to the proposed budget are as follows: change proposed membership from 700 to 500, change Industrial Sponsor from \$100 to \$200, change Conference training from \$250 to \$750, add \$500 for seed money, an add \$500 for brochures.

**E. College Sponsors, Jeff Cramer**

There are approximately 120 college sponsors for 1999. Twenty nine colleges will receive plaques commmerating 25 years of sponsorship.

**F. Membership, Delores Aquino**

Delores provided a history of the 2YC<sub>3</sub> membership from 1994 to 1999. The study showed a general decrease in membership since 1994. The current membership is 413.

**G. Industrial Sponsors, Rick Bolesta**

There are 18 industrial sponsors.

**H. 16<sup>th</sup> Biennial Chemical Education Conference, Dick Jones**

2YC<sub>3</sub> with JCE will sponsor the ice cream social on Monday evening. Approximately 8 symposia related to the 2-yr college. Approximately 5 plenary lectures. Volunteers are needed to help scoop ice cream.



#### **I. DivCHED, Carol White**

2YC<sub>3</sub> is member of the Passer Award Committee.

#### **IV. Old Business**

- A. Section C of the By-Laws , qualification of officers, was changed, approved by email vote.
- B. An internal audit was conducted by Carol, Tom, Rick, and Jeff at the Westark meeting. The audit was approved.
- C. Revised Conference Planning Manual, Tom Gruber  
The Planning Manual is now in electronic form. All forms needed for planning are on disk. People are asked to send information by email with attachments. Rick suggested that sample registration forms be included and Delores suggested that a nine digit Zip Code be used.
- D. 154<sup>th</sup> Conference, Rick Bolesta  
Tom Gruber and Jay Bardole will co-chair the Vincennes meeting. The theme will be: Pedagogy and Practice in Chemical Education.
- E. Regional Advisory Board, Carol White  
Carol sent inquiry letters to expering advisory board members. She received no responses. Carol explained the function of the advisory board is to promote regional meetings.
- F. Brochures, Rick Bolesta  
Rick distributed the new brochures. Cost was \$937, discounted to \$492. The printing alone for the 1100 brochures was \$292.
- G. Scratch

#### **V. New Business**

- A. Membership Promotion, Rick Bolesta  
Use advisory board to promote 2YC<sub>3</sub> and use brochures to promote membership.
- B. Proposed DivCHED Operations Manual- Pass
- C. Newsletter Editor - The Newsletter Editor's job will continue thru the printing of the first newsletter of the year following term expiration.
- D. 2YC<sub>3</sub> Membership Meeting at the 16<sup>th</sup> Biennial  
Dick proposed the topic for discussion at the general membership meeting be "Issues facing 2-year college chemistry and how to solve them". Dick will develop a survey to be used at the meeting.
- E. Emeritus Status, Rick Bolesta  
It was made clear that the waiver of membership dues only were included in emeritus status.
- F. NSF, Dick Jones  
It was noted that 2-year colleges are not applying for NSF grants. Dick will write and article for the next newsletter.

G. Booth, Dick Jones

Question was asked if we should have a booth at National Meetings.  
It was suggested that we participate with JCE if FREE.

The meeting was adjourned at 10;10 am.

Respectively submitted,  
Frank Koch, Chair-elect

COCTYC:

Committee on Chemistry in the Two Year College

Division of Chemical Education

American Chemical Society

## Statement of Income and Expenses 2000

For The Period: 1 January 2000 through 8 July 2000

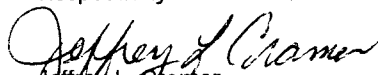
Income		Amount	% of Total
<b>Operating</b>			
DivCHED		2000	21.4
Membership Dues	226	2,665.00	28.5
Industrial Sponsors	3	600.00	6.4
College Sponsors	99	2,475.00	26.5
Newsletter Ads		1,500.00	16.0
Meetings			0.0
Interest		114.78	1.2
Subtotal	7,354.78		
<b>Miscellaneous</b>			
Pin & Etc Sales and Miscellaneous			0.0
From savings reserves			0.0
<b>Total Income</b>		<b>\$9,354.78</b>	<b>100.0</b>

Expenses		Amount	% of Total
<b>Operating</b>			
Travel		4,093.44	58.2
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	14.2
Newsletter Printing and Postage		1,461.34	20.8
Subtotal	6,554.78		
<b>Miscellaneous</b>			
2000 Biennial Conf. Chem. Educ.			0.0
			0.0
Brochures		452.00	6.4
25 Yr Plaques, pins, etc		30.00	0.4
			0.0
<b>Total Expenses</b>		<b>7,036.78</b>	<b>100.0</b>
<b>Net Income(Loss)</b>		<b>2,318.00</b>	

Comments:

Checking Balance \$19,095.31 on 5/25/00

Respectfully Submitted.

  
Jeffrey L. Cramer  
Treasurer

## Active College Sponsors for 2000 - 98

27 June 2000

Please note the new and 25 year college sponsors. We thank the College Sponsors for their support in 2000.

College Sponsor 2000	Years as College Sponsor
<p><b>Aims Community College</b>                      592 Ed Beaty Hall  <i>Tom Pentecost</i>                      FAX 970-330-5705                      Email t.pentecost@aims.edu</p>	<p>19                      Greele CO 80632                      Phone 970-330-8008 Ext6488</p>
<p><b>Allegany Community College</b>                      Willowbrook Road  <i>James Stickler</i>                      FAX                      Email</p>	<p>8                      Cumberlan MD 21502                      Phone 301-724-7700 Ext 256</p>
<p><b>Alvin Community College</b>                      3110 Mustang Rd.  <i>Betty Grae</i>                      FAX                      Email</p>	<p>10                      Alvin TX 77511-48                      Phone</p>
<p><b>Amarillo College</b>                      P.O. Box 44  <i>Art Schneider</i>                      FAX                      Email</p>	<p>18                      Amarill TX 79178                      Phone 806-371-5328</p>
<p><b>Anne Arundel Community College</b>                      101 College Parkway  <i>D. M. Reeder</i>                      FAX                      Email</p>	<p>21                      Arnold MD 21012                      Phone</p>

College Sponsor 2000	Years as College Sponsor
<b>Athens Area Technical Institute</b>	8
800 U. S. Highway 29 North Athens	GA 30601
<i>Carol White</i>	Phone 706-355-5033
FAX 706-355-5181	
Email white@aatl.edu	
<b>Baltimore City Community College</b>	26
2901 Liberty Heights Ave. Baltimore	MD 21215-78
<i>Donald Hoster</i>	Phone 410-462-7651
FAX 410-333-5053	
Email dphoster@hotmail.com	
<b>Bergen Community College</b>	4
400 Paramus Rd. Paramus	NJ 07652
<i>P. J. Ricatto</i>	Phone 201-447-7906
FAX	
Email	
<b>Bismark State College</b>	5
P.O. Box 5587 1500 Edwards Ave Bismark	ND 58506-55
<i>Frank Koch</i>	Phone 701-224-5423
FAX 701-224-5550	
Email fkoch@gwmail.nodak.edu	
<b>Blue Mountain Community College</b>	13
2411 N.W. Carden, P. O. Box 100 Pendleton	OR 97801
<i>Larry Eddy</i>	Phone 541-276-1260
FAX 541-276-6523	
Email	

College Sponsor 2000		Years as College Sponsor
<b>Brazosport College</b>		<b>27</b>
500 College Drive	Lake Jackson	TX 77566
<b>Gary Hicks</b>		Phone 409-266-3320
FAX 409-265-2944		
Email ktasa@brazosport.cc.tx.us		
<b>Broward Community College - North</b>		<b>6</b>
1000 Coconut Creek Blvd.	Coconut Creek	FL 33066
<b>A. Fuad Khan</b>		Phone 954-973-2339
FAX 954-968-2479		
Email akhan@broward.cc.fl.us		
<b>Bucks County Community College</b>		<b>8</b>
Swamp Road	Newtown	PA 18940
<b>Michaeleen Lee</b>		Phone 215-968-8364
FAX 215-504-8520		
Email leem@storm.bucks.edu		
<b>Burlington County College</b>		<b>26</b>
Pemberton-Brown Mills Road	Pemberton	NJ 08068
<b>Vincent Sollimo</b>		Phone
FAX		
Email		
<b>Cape Fear Community College</b>		<b>19</b>
411 N. Front Street	Wilmington	NC 28401
<b>Dale R. Buck</b>		Phone
FAX		
Email		

College Sponsor 2000	Years as College Sponsor
<b>Chandler-Gilbert Community College</b>	10
2626 E. Pecos Road Chandler	AZ 85225
<i>Ronald Watras</i>	Phone 602-732-7139
FAX 602-732-7195	
Email watras@cgc.maricopa.edu	
<b>Charles County Community College</b>	25
P. O. Box 910 LaPlata	MD 20646
<i>Douglas E. Zabel</i>	Phone 301-934-7804
FAX 301-934-5260	
Email	
<b>Clackamas Community College</b>	15
19600 S. Molalla Ave. Oregon City	OR 97045
<i>Hal Bender</i>	Phone 503-657-6958Ext2374
FAX 503-650-6657	
Email steveb@clackamas.cc.or.us	
<b>College of DuPage</b>	10
22nd Street & Lambert Road Glen Ellyn	IL 60137
<i>Wes Fritz</i>	Phone 708-942-3394
FAX	
Email fritzw@cdnet.cod.edu	
<b>College of Lake County</b>	27
19351 W. Washington St. Grayslake	IL 60030-11
<i>Michael Corn</i>	Phone 847-223-6601
FAX 847-223-1357	
Email	

College Sponsor 2000	Years as College Sponsor
<b>College of Southern Idaho</b>	16
P. O. Box 1238 Twin Falls <b>Rex Widener</b> FAX 208-736-2136 Email rk@magiclink.com	ID 83303-12 Phone 208-733-9554
<b>College of the Sequoias</b>	7
915 S. Mooney Blvd. Visalia <b>Marie Straw</b> FAX Email	CA 93277 Phone
<b>Collin County Community College</b>	4
2800 East Springcreek Pkwy Plano <b>Amina El-Ashmawy</b> FAX Email	TX 75074 Phone 972-881-5961
<b>Colorado Northwestern Community College</b>	7
500 Kennedy Drive Rangely <b>Roy Gold</b> FAX Email	CO 81648 Phone
<b>Community College of Beaver County</b>	1
College Drive Monaca <b>Tom Heasley</b> FAX 724-728-7599 Email	PA 15061 Phone 724-775-8561



<b>College Sponsor 2000</b>	<b>Years as College Sponsor</b>
<b>Community College of Philadelphia</b> 1700 Spring Garden St. Philadelphia PA 19026 <b>Donald G. Slavin</b> Phone 215-751-8416 FAX 215-496-6119 Email ccp_dslavin@hslc.org	2
<b>Community College of Rhode Island</b> 400 East Ave. Warwick RI 02886 <b>Ralph R. Keiser</b> Phone FAX Email	26
<b>County College of Morris</b> 214 Center Grove Rd. Randolph NJ 07869-20 <b>Sharon Kapica</b> Phone 973-328-5000 ext305 FAX Email	30
<b>Cuesta College</b> P. O. Box 8106 San Luis Obispo CA 93403 <b>Joe Brundage</b> Phone 805-546-3243 FAX Email	18
<b>Cuyahoga Community College Western</b> 1100 Pleasant Valley Road Parma OH 44130-51 <b>Lois Hansen-Polcar</b> Phone 216-987-5497 FAX 216-987-5066 Email lois.hansen-polcar@tri-c.cc.oh.us	30

College Sponsor 2000		Years as College Sponsor
<b>DeAnza Community College</b>		<b>30</b>
21250 Stevens Creek Blvd.	Cupertino	CA 94014
<b>Robert R. Hubbs</b>		Phone 408-864-8591
FAX		
Email	rrh2541@aspen.fhda.edu	
<b>Dodge City Community College</b>		<b>16</b>
2501 N. 14th Avenue	Dodge City	KS 67801
<b>Ronald G. Albrecht</b>		Phone 316-225-1321
FAX		
Email		
<b>Donnelly College</b>		<b>8</b>
608 North 18th Street	Kansas City	KS 66102
<b>Karen Sudy</b>		Phone 913-621-8790
FAX	913-621-0354	
Email		
<b>East Los Angeles College</b>		<b>1</b>
1301 Avendia Cesar Chavez	Monere Park	CA 91754-60
<b>Carcy Chan</b>		Phone 323-265-8602
FAX	323-415-5335	
Email	carcychan@aol.com	
<b>El Camino College</b>		<b>27</b>
16007 Crenshaw Blvd.	Torrance	CA 90506
<b>Barbara Morris</b>		Phone 310-660-3360
FAX	310-660-6131	
Email	bmorris@admin.elcamino.ca.us	

College Sponsor 2000	Years as College Sponsor
<b>El Centro College</b>	23
Main and Lamar Dallas TX 75202	
<b>Ross Marano</b>	Phone 214-860-2382
FAX 214-860-2335	
Email rtm5642@dcccd.edu	
<b>Erie Community College- N. Campus</b>	12
Main St. and Young Road Williamsville NY 14221	
<b>Gerald Berkowitz</b>	Phone 716-634-0800
FAX	
Email	
<b>Essex County College</b>	8
303 University Avenue Newark NJ 07102	
<b>Rudolph B. Jones</b>	Phone 201-877-3291
FAX	
Email	
<b>Foothill College</b>	20
12345 El Monte Rd. Los Altos CA 94022	
<b>Paul F. Calgher</b>	Phone 415-960-4259
FAX	
Email	
<b>Gainesville College</b>	27
P. O. Box 1358 Gainesville GA 30503	
<b>Gary Mc Glaun</b>	Phone 770-718-3667
FAX	
Email gmcglaun@hermes.gc.peachnet.edu	

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<b>Highland Community College</b> 2998 Pearl City Rd.                      Freeport <b>Fred Redmore</b> FAX            815-235-6130 Email        fredmore@highland.cc.il.us	17 IL 61032-93 Phone 815-235-6121
<b>Holy Cross College</b> P.O. Box 308                      Notre Dame <b>J. Alter</b> FAX Email	8 IN 46556 Phone 219-233-6813 Ext389
<b>Holyoke Community College</b> 303 Homestead Ave.                      Holyoke <b>Stanley Dunny</b> FAX            413-534-8975 Email        sdunny@hcc.mass.edu	27 MA 01040 Phone 413-538-7000
<b>Houston Community College System</b> 1300 Holman                      Houston <b>Joanne Lin</b> FAX            713-718-6211 Email        lin_y@hccs.cc.tx.us	2 TX 77004 Phone 713-718-6052

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80 Vandenberg Ave. Troy	NY 12180
<i>Robert Buckley</i>	Phone 518-270-7112
FAX	
Email bucklrob@hvcc.edu	
<b>Hutchinson Community College</b>	15
1300 N. Plum Hutchinson	KS 67501
<i>Ronald Pfister</i>	Phone
FAX	
Email	
<b>Kansas City Kansas Comm. College</b>	30
7250 State Avenue Kansas City	KS 66112
<i>Ed Kremer</i>	Phone 913-334-1100 Ext 111
FAX 913-596-9677	
Email ekremer@toto.net	
<b>Kilgore College</b>	13
1100 Broadway Kilgore	TX 75662
<i>Jerry Fuller</i>	Phone 214-983-8243
FAX	
Email	
<b>Kingwood College</b>	5
20000 Kingwood Dr. Kingwood	TX 77339
<i>Jean Whileyman</i>	Phone 713-359-1629
FAX 713-359-0440	
Email jean.whileyman@mail.nhmccd.cc.tx.us	

College Sponsor 2000	Years as College Sponsor
<b>Lewis and Clark Community College</b> 5800 Godfrey Road Godfrey <i>Terri Jakuboski</i> FAX 618-466-2798? Email tjakuboski@lcmail.lc.cc.il.us?	27 IL 62035 Phone 618-466-3411 Ext4833
<b>Linn-Benton Community College</b> 6500 S. W. Pacific Blvd. Albany <i>Bridgid Backus</i> FAX 541-917-4755 Email backusb@gw.lbcc.cc.or.us	27 OR 97321 Phone 541-917-4625
<b>Lorain County Community College</b> 1005 N. Abbe Rd. Elyria <i>Attn: Science &amp; Math Assistant</i> FAX Email	30 OH 44035-16 Phone 330-365-4191
<b>Mesa Community College</b> 1830 W. Southern Ave. Mesa <i>John Weide</i> FAX Email	30 AZ 85202 Phone
<b>Miami-Dade Community College- South Campus</b> 11011 S.W. 104th St. Miami <i>Dorma Gottlieb</i> FAX 305-237-2801 Email d004420c@dcfreenet.seflin.lib.fl.us	21 FL 33176 Phone 305-237-2492

College Sponsor 2000	Years as College Sponsor
<b>Mid-Plains Community College</b>	10
McDonald-Benton Campus North Platte	NE 69101
<i>Deming Pan</i>	Phone 308-532-8980
FAX	
Email	
<b>Middle Georgia College</b>	27
Sarah Street Cochran	GA 31014
<i>Ronald DeLorenzo</i>	Phone 912-934-3052
FAX	
Email rdeloren@warrior.mgc.peachnet.edu	
<b>Minneapolis Technical &amp; Community College</b>	13
1501 Hennepin Ave. Minneapolis	MN 55403
<i>Sharon Sechrist</i>	Phone 612-341-7039
FAX	
Email	
<b>Monroe Community College</b>	27
1000 E. Henrietta Rd. Rochester	NY 14623
<i>John Cullen</i>	Phone 716-424-5200
FAX	
Email	
<b>Montgomery College-TX</b>	3
3200 Hwy 242W Conroe	TX 77384
<i>John Magner</i>	Phone 409-273-7369
FAX 409-273-7362	
Email johnm@mail.nhmccd.cc.tx.us	

College Sponsor 2000	Years as College Sponsor
<b>Mott Community College</b>	30
1401 E Court Street Flint	MI 48503
<i>Katherine Weissmann</i>	Phone 810-232-6092
FAX	
Email	
<b>Mt. Hood Community College</b>	15
26000 SE Stark Street Gresham	OR 97030
<i>Rick Bolesta</i>	Phone 503-491-7361
FAX 503-491-7481	
Email bolestar@mhcc.cc.or.us	
<b>Muskingum Area Technical College</b>	13
1555 Newark Rd. Zanesville	OH 43701
<i>Mel Hathaway</i>	Phone 614-454-250Ext256
FAX 614-454-0035	
Email	
<b>Navarro College</b>	9
3200 West Seventh Ave. Corsicana	TX 75110
<i>Tom Hammargren</i>	Phone 214-874-6501
FAX	
Email	
<b>New York City Technical College</b>	30
300 Jay St. Brooklyn	NY 11201
<i>Joseph Rosen</i>	Phone 718-260-5850
FAX	
Email	



---

**College Sponsor 2000****Years as College  
Sponsor****Normandale Community College****12**

9700 France Ave. S.

Bloomington

MN 55431

***Roaslie Bunge*****Phone 612-832-6304****FAX** 612-832-6571**Email** r.bunge@nr.cc.mn.us**North Iowa Area Community College****27**

500 College Drive

Mason City

IA 50401

***Edward Dobrzynski*****Phone 515-422-4272****FAX** 515-422-4050**Email** dobrzedw@niacc.cc.ia.us**North Lake College****20**

5001 Mac Arthur Blvd

Irving

TX 75038

***Floyd King*****Phone 214-659-5250****FAX****Email****North Seattle Community College****6**

9600 College Way North

Seattle

WA 98103

***Tom Griffith*****Phone 206-526-0187****FAX** 206-527-3748**Email** tgriffith@seaccd.sccd.ctc.edu**Northeast Texas Community College****8**

P. O. Box 1307

Mt. Pleasant

TX 75456

***Jess Dowdy*****Phone****FAX****Email**

College Sponsor 2000	Years as College Sponsor
<p><b>Oakland Comm. College - Auburn Hills</b>            2900 Featherstone Rd. Auburn Hills  <b>Tamar Susskind</b>            FAX 810-340-6513            Email tysuski@occ.cc.mi.us</p>	<p>27            MI 48326            Phone 810-340-6629</p>
<p><b>Oakland Comm. College- Highland Lakes</b>            7350 Cooley Lake Rd. Waterford  <b>Bill Nolan</b>            FAX            Email</p>	<p>4            MI 48327-41            Phone 248-360-3183</p>
<p><b>Olympic College</b>            1600 Chester Ave. Bremerton  <b>Robert Kieburtz</b>            FAX 360-478-4652            Email rdkiebur@olympic.ctc.edu</p>	<p>14            WA 98310            Phone 360-478-6486</p>
<p><b>Ozarks Technical &amp; Community College</b>            Technical Education Center 1020 E. Springfield  <b>Lisa Reece</b>            FAX            Email lreece@emh1.otc.cc.mo.us</p>	<p>1            MO 65802            Phone 895-7378</p>
<p><b>Paul Smith's College</b>            Rts. 192 &amp; 30 Paul Smith's  <b>Michael DeAngelo</b>            FAX            Email deangelom@paulsmiths.edu</p>	<p>27            NY 12970            Phone 518-327-6848</p>

College Sponsor 2000	Years as College Sponsor
<b>Portland Community College</b>	13
P. O. Box 19000 Portland <b>Dexter Plumlee</b> FAX Email	OR 97219-09 Phone 503-244-6111
<b>Rock Valley College</b>	3
3301 N. Mulford Rd. Rockford <b>Robert Porod</b> FAX 815-654-4438 Email	IL 61114 Phone 815-654-4384
<b>Saddleback College</b>	26
28000 Marguerite Parkway Mission Viejo <b>Curtis L. McLendon</b> FAX 714-347-1936 Email mclendon_c@sccd.cc.ca.us	CA 92692 Phone 714-582-4809
<b>San Antonio College</b>	2
1300 San Pedro Ave. San Antonio <b>Bill Haley</b> FAX 210-733-2338 Email whaley@accd.edu	TX 78247 Phone 210-733-2704
<b>San Jacinto College- Central</b>	11
8060 Spencer Highway P.O. Box 200 Pasadena <b>Ann Cartwright</b> FAX 713-478-2757 Email acartw@sjcd.cc.tx.us	TX 77501-20 Phone 713-476-1882

College Sponsor 2000	Years as College Sponsor
<b>Sauk Valley College</b>	20
173 Il Route 2 Dixon	IL 61021
<i>Dale Heuck</i>	Phone 815-288-5511
FAX	
Email	
<b>Schoolcraft College</b>	13
18600 Haggerty Road Livonia	MI 48152
<i>Bill Nickels</i>	Phone 313-462-4400 Ext5243
FAX 313-462-4531	
Email wnickels@schoolcraft.cc.mi.us	
<b>Seattle Central Community College</b>	27
1701 Broadway (BE5104) Seattle	WA 98155
<i>Herb Bryce</i>	Phone 206-587-6921
FAX	
Email hbryce@seaccc.sccd.ctc.edu	
<b>Shoreline Community College</b>	4
16101 Greenwood Ave. North Seattle	WA 98133
<i>Clarita Bhat</i>	Phone 206-546-4575
FAX	
Email	
<b>Sinclair Community College</b>	27
444 W. Third Street Dayton	OH 45402
<i>Richard F. Jones</i>	Phone 937-512-2322
FAX 937-512-5164	
Email rjones@sinclair.edu	

College Sponsor 2000	Years as College Sponsor
<p><b>South Arkansas Community College</b>            300 South West Avenue El Dorado  <i>Chemistry Dept. Chair</i>            FAX            Email</p>	<p>13            AR 71730            Phone 501-862-8131</p>
<p><b>St. Louis Community College-Meramec</b>            11333 Big Bend Blvd. St. Louis  <i>Ralph Burns</i>            FAX            Email</p>	<p>30            MO 63122            Phone 314-966-7718</p>
<p><b>Stark State College of Technology</b>            6200 Frank Ave. NW Canton  <i>Donna Harrison</i>            FAX 330-494-0571            Email dharrison@stark.cc.oh.us</p>	<p>10            OH 44720            Phone 330-966-5457 Ext 442</p>
<p><b>Tarrant County College Northeast</b>            828 Harwood Road Hurst  <i>Sonja Davison</i>            FAX            Email</p>	<p>30            TX 76055            Phone 817-515-6346</p>
<p><b>Texarkana College</b>            2500 N. Robinson Rd. Texarkana  <i>Mike Buttram</i>            FAX            Email</p>	<p>9            TX 75501            Phone 903-838-4541 Ext280</p>

College Sponsor 2000	Years as College Sponsor
<b>Truckee Meadows Community College</b>	13
7000 Dandini Blvd Reno	NV 89512
<i>Eun-Woo Chang</i>	Phone 702-673-7089
FAX	
Email	
<b>Union County College</b>	6
1033 Springfield Avenue Cranford	NJ 07016
<i>Rachel K. Dare</i>	Phone 908-709-7199
FAX 908-709-4025	
Email dare@hawk.ucc.edu	
<b>University College, Univ. Cincinnati</b>	9
Mail Location 168 Cincinnati	OH 45221
<i>Mary Fox</i>	Phone 513-556-1710
FAX 513-556-3007	
Email foxmc@uc.edu	
<b>Valley Forge Military College</b>	9
1001 Eagle Rd., Sorley House Wayne	PA 19087
<i>LTC Sam Wrightson</i>	Phone
FAX	
Email	
<b>Vincennes University</b>	30
1002 N. 1st Street Vincennes	IN 47591-52
<i>Jay Bardole</i>	Phone 812-888-4372
FAX 812-888-4540	
Email jbardole@vunet.vinu.edu	

College Sponsor 2000	Years as College Sponsor
<b>Walters State Community College</b> 500 S. Davy Crockett Parkway      Morrystown <b>Mary C. Lu</b> FAX Email	13 TN 37814 Phone
<b>Western Nebraska Community College</b> 1601 E. 27th      Scottsbluff <b>Gordon Harrach</b> FAX Email	12 NE 69361 Phone 308-635-3606
<b>Yakima Valley Community College</b> 16th & Nob Hill Blvd      Yakima <b>John DiBari</b> FAX Email	3 WA 98902 Phone 509-574-4853

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

# 2YC<sub>3</sub> College Sponsorship Application

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

College Name \_\_\_\_\_

College Address(Street)\_\_\_\_\_

CollegeAddress(City,State, Zip)\_\_\_\_\_

Contact Person: (Title) \_\_\_\_\_ (Name) \_\_\_\_\_

Phone \_\_\_\_\_ Ext. \_\_\_\_\_

Fax \_\_\_\_\_ e-mail \_\_\_\_\_

Address if different from above \_\_\_\_\_

All questions and correspondence concerning 2YC<sub>3</sub> College Sponsorship should be directed to:

**Jeff Cramer  
Stark State College of Technology  
6200 Frank Ave NW  
Canton, Ohio 44720-7299  
Phone 330-966-5457 Ext 4377  
FAX 330-494-0571  
email [jcramer@stark.cc.oh.us](mailto:jcramer@stark.cc.oh.us)**

Please send your **\$25** check payable to COCTYC or 2YC<sub>3</sub> and the completed application to Jeff Cramer at the above address.

2YC<sub>3</sub> is a tax-exempt organization, Tax I.D. number 23-7169683



152nd  
2YC<sub>3</sub> Conference

**Membership Report**

**Memberships for the year 2000 to date: 328**

**Joint memberships included above: 16**

The above numbers are approximate since a final report from the 151<sup>st</sup> Conference is still pending. The number of new joint memberships is down due to the large number of members who have already taken advantage of the offer for a discounted joint membership with the ACS Division of Chemical Education for first-time division members. During 1999, 74 members of 2YC<sub>3</sub> became members of the division by taking advantage of the joint membership one-time offer.

Submitted by: Dolores C. Aquino  
7/10/00

Ace Glass  
1425 Norris Dr.  
Vineland, NJ 08360

Chem Ed Resources  
609 South Pathfinder  
Anaheim Hills, CA 92807

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

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

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

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

WCB/ McGraw Hill  
2460 Kerper Blvd.  
Dubuque, IA 52001

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

Cole Scientific  
11968 Challenger Court  
Moorpark, CA 93021

Gow-Mac Instrument Co.  
277 Brodhead Rd.  
Bethlehem, PA 18017

Mettler-Toledo  
1900 Polaris Parkway  
Columbus, OH 43240-2020

Saunders College Publishing  
150 S. Independence Mall West  
Suite 1250  
Philadelphia, PA 19106

Spectrum Laboratory  
Prod.,INC  
14422 South San Pedro St.  
Gardens, CA 90248-998

Benjamin-Cummings  
2725 Sandhill Rd.  
Menlo Park, CA 94025

Falcon Software  
One Hollis Street  
Wellesley, MA 02181

Houghton Mifflin  
222 Berkeley  
Boston, MA 02116

Prentice Hall  
1 Lake Street  
Upper Saddle River, NJ 07458

SCI Technologies  
1716 West Main Suite 4  
Bozeman, MT 59715

Texas Instruments  
1300 E. Woodfield Rd.  
Schaumburg, IL 60173  
7th floor

2YC3 Sponsors 7/1/00

## CONFERENCE SUMMARY CALENDAR, July, 2000

Academic Year	First Conference	Second Conference	Third Conference	Fourth Conference
1999-2000	<p><b>149<sup>th</sup></b> MIDWESTERN September 24-25, 1999 South Suburban College South Holland, IL (Chicago Area)</p>	<p><b>150<sup>th</sup></b> SOUTHERN November 5-6, 1999 Westark Community College Fort Smith, AR</p>	<p><b>151<sup>st</sup></b> WESTERN March 24-25, 2000 (ACS-San Francisco Mar.26-31) Diablo Valley Community College Pleasant Hill, CA</p>	<p><b>152<sup>nd</sup></b> MIDWESTERN July 30-August 3, 2000 University of Michigan Ann Arbor, MI (16<sup>th</sup> Biennial)</p>
2000-2001	<p><b>153<sup>rd</sup></b> EASTERN October 6-7, 2000 Hudson Valley Community College Troy, NY</p>	<p><b>154<sup>th</sup></b> MIDWESTERN November 10-11, 2000 Vincennes University Vincennes, IN</p>	<p><b>155<sup>th</sup></b> WESTERN March 30-31, 2001 (ACS-San Diego April 1-5) San Diego City College San Diego, CA</p>	<p><b>156<sup>th</sup></b> SOUTHERN Late Spring or Summer 2001</p>
2001-2002	<p><b>157<sup>th</sup></b> MIDWESTERN September 14-15, 2001 Anoka Ramsey Community College Coon Rapids, MN (Minneapolis Area)</p>	<p><b>158<sup>th</sup></b> WESTERN November 2-3, 2001 Community College of Southern Nevada Las Vegas, NV</p>	<p><b>159<sup>th</sup></b> SOUTHERN April 5-6, 2002 (ACS-Orlando, FL)</p>	<p><b>160<sup>th</sup></b> WESTERN July 30-Aug. 3, 2002 Western Washington University Bellingham, WA (17<sup>th</sup> Biennial)</p>
2002-2003	<p><b>161<sup>st</sup></b> EASTERN Early Fall, 2002</p>	<p><b>162<sup>nd</sup></b> MIDWESTERN Late Fall, 2002</p>	<p><b>163<sup>rd</sup></b> SOUTHERN March 21-22, 2003 (ACS New Orleans 3/23-27) Delgado Community College West Bank Campus New Orleans, LA</p>	<p><b>164<sup>th</sup></b> WESTERN Late Spring, 2002</p>



**2001-2002 Academic Year**

**157<sup>th</sup> CONFERENCE (MIDWESTERN)                      September 14-15, 2001**  
**Anoka-Ramsey Community College**  
**11200 Mississippi Blvd., NW**  
**Coon Rapids, MN 55433**  
**Contact:    Lance S. Lund**  
**Phone:**  
**E-mail:**

**158<sup>th</sup> CONFERENCE (WESTERN)                              November 2-3, 2001**  
**Community College of Southern Nevada**  
**West Charleston Campus**  
**6375 West Charleston Blvd.**  
**Las Vegas, NV 89102**  
**Contact:    Kaveh Zarrabi**  
**Phone: (702) 651-5693**  
**E-mail: kaveh\_zarrabi@ccsn.nevada.edu**

**159<sup>th</sup> CONFERENCE (SOUTHERN)                              April 5-6, 2002**  
**National ACS meeting, Orlando, FL**  
**Information Pending**

**160<sup>th</sup> CONFERENCE (WESTERN)**  
**17<sup>th</sup> Biennial Conference**  
**Western Washington University**  
**Bellingham, WA**  
**Program Chair:    Clarita Bhat**  
**E-mail: cbbat@ctc.edu**

**2002-2003 Academic Year**

**161<sup>st</sup> CONFERENCE (EASTERN)                              Early Fall, 2002**

**162<sup>nd</sup> CONFERENCE (MIDWESTERN)                              Late Fall. 2002**

**163<sup>rd</sup> CONFERENCE (SOUTHERN)                              March 21-22, 2003**  
**National ACS meeting, New Orleans, LA**  
**Delgado Community College**  
**2600 General Meyer Ave.**  
**New Orleans, LA 70114**  
**Contact:    Tom Gruber**  
**Phone: (504) 361-6410**

**2YC<sub>3</sub> ADVISORY BOARD, REGION I - WESTERN STATES**  
Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada  
New Mexico, Oregon, Utah, Washington, Wyoming

---

**William Wasserman (1999)**  
Seattle Central Community College  
701 Broadway  
Seattle, WA 98122  
(206) 587-3858

**REGIONAL CHAIR**

---

**Chang, Eun-Woo (2000)**  
Truckee Meadows Community College  
7000 Dandini Blvd.  
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email: echang@unr.edu

**Gaglione, Onofrio (2001)**  
10082 Prairie Dove Avenue  
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email: oggag@aol.com

**Scott, Peter (1999)**  
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**Hubscher, Arthur**  
Ricks College  
Rexburg, ID 83460-0500  
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**Chan, Carcy (1999)**  
East Los Angeles College  
1301 Avenida Cesar Chavez  
Monterey Park, CA 91754-6099  
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email: carcychan@aol.com

**Beam, Terri (2001)**  
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1100 N. Grand Avenue  
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email: tbeam@ibm.mtsac.edu

**O'Brien, Paul (1999)**  
West Valley College  
14000 Fruitvale Avenue  
Saratoga, CA 95070-5698  
(408) 471-2585

**Asire, Joe**  
Cuesta College  
Box 8106  
Can Luis Obispo, CA 93403-8106

**Bornhorst, Bill (2000)**  
Grossmont Community College  
8800 Grossmont College Drive  
El Cajon, CA 92020  
(619) 465-1700

**2YC<sub>3</sub> ADVISORY BOARD, REGION III - MIDWESTERN STATES**  
**Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Nebraska,**  
**North Dakota, Ohio, South Dakota, Wisconsin**

---

**Harrison, Donna (2001)**

Stark State College of Technology  
6200 Frank Avenue, NW  
Canton, OH 44710-7299  
(330) 966-5457 x428  
FAX: (330) 494-9571  
email: dharrison@stark.cc.oh.us

**REGIONAL CHAIR**

---

**Whipple-Van Patter, Georgiana (1999)**

Central Community College-Hastings  
Campus  
P. O. Box 1024  
Hastings, NE 68902-1024  
(402) 461-2459  
email: whihbio@cccadm.gi.ccneb.edu

**Redmore, Fred (2002)**

Highland Community College  
Freeport, IL 61032  
(815) 235-6121 x331

**Penn, Roger**

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

North Iowa Area Community College  
500 College Avenue  
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**Advani, Roma (2001)**

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

**2YC<sub>3</sub> 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**

---

**Dorothy (Dotty) Stumpf**

Middlesex Community College  
Springs Road  
Bedford, MA 01730  
(617) 275-8910 x280

**REGIONAL CHAIR**

---

**Zdrakovich, Vera (2000)**

Prince George's Community College  
301 Largo Road  
Largo, MD 20774-2199  
(301) 322-0406  
email: [vzl@pgstumail.pg.cc.md.us](mailto:vzl@pgstumail.pg.cc.md.us)

**Romano, Alla (2002)**

New York City Technical College  
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Brooklyn, NY 11201  
(718) 643-8242

**DiStefano, Ron (2001)**

Chemistry Department  
Northampton Community College  
3835 Green Pond Road  
Bethlehem, PA 18017

**Kanter, Muriel**

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Dorchester, MA 02121  
(617) 281-7139

**Cuniff, Pat (2000)**

Prince George's Community College  
301 Largo Road  
Largo, MD 20774-2199

**Turner, Raymond (2002)**

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



**2YC<sub>3</sub> ADVISORY BOARD, REGION II - SOUTHERN STATES**  
**Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina,**  
**Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas**

---

**Gary McGlaun (2001)**

Gainesville College  
P. O. Box 1358  
Gainesville, GA 30503  
(770) 718-3667  
email: gmcglaun@hermes.gc.peachnet.edu

**REGIONAL CHAIR**

---

**Bell, Alex (1999)**

Trident Technical College  
P. O. Box 10367  
Charleston, SC 29411  
(803) 572-6159  
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**Graham, James (2001)**

Calhoun Community College  
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**Haley, Bill (2001)**

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**Buck, Dale (2000)**

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**Foster, Jerry (1999)**

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## COCTYC EMERITUS MEMBERS

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2032 W. 171st St.  
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Ethelreda Laughlin (retired)  
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Marion Baker  
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## Symposia at the 16th Biennial Conference on Chemical Education

A Taste of the Division of Chemical Education	<u>Aquino, Dolores C.</u>	Historical and Philosophical Perspectives on Chemistry	<u>Orna, Mary Virginia</u>
Adapt and Adopt: Lessons Learned	<u>Walter, Mark</u>	How Must We Change the Chemistry PhD to Meet the Challenges of the Next Millennium?	<u>Banaszak-Holl, Mark</u>
Alternative Ways of Teaching Chemistry	<u>Purser, Gordon</u>	Implementing Molecular Science Products, Processes, and Tools	<u>Russell, Arlene</u>
Assessing the Leaky Pipeline: Women and Minority Representation in Chemistry	<u>Hopkins, Nancy</u>	Incorporating Biochemistry into Introductory Chemistry Courses	<u>Fisher, Matt</u>
Assessment of Student Outcomes in Classroom and Research Settings	<u>Rackley, Barbara</u>	Innovations and Reform at Community Colleges -What's New on the Horizon?	<u>Chadwick, Janice</u>
Bringing Active Learning into the Organic Lab: The Project Approach	<u>Hammond, Christina Noring</u>	Innovations in Teaching Organic Chemistry	<u>Baker, Dave</u>
Broadening the General Chemistry Laboratory	<u>Keiser, Joseph</u>	Innovations in Technician Education	<u>White, Carol</u>
CHEM FUN: Humor, Music, Songs, Ideas and Gimmicks that Work	<u>Hague, George</u>	Innovations in the Sophomore Organic Chemistry Laboratory Instruction	<u>Sarkar, Somnath</u>
Chemical Demonstrations in a Variety of Classroom Settings	<u>Hapkiewicz, Annis</u>	Innovations in the Teaching of Organic and Polymer Chemistry	<u>Ludwick, Adriane</u>
Chemistry and the Automobile	<u>Donahue, Craig</u>	Inorganic Chemistry: Where Has the Descriptive Gone?	<u>Pesterfield, Les</u>
Chemistry in Context: Variations on a Theme	<u>Middlecamp, Cathy</u>	Integrative Heuristics: Concept Mapping, Decision Maps, Poster Sessions, and Summary Writing	<u>DeMeo, Stephen</u>
Chemistry in the National Science Education Standards	<u>Tinnesand, Michael John</u>	Interdisciplinary Approaches to Teaching Undergraduate Chemistry	<u>Lyle, Cathy</u>
ChemSource: How to Use It!	<u>Schreck, James</u>	Making Chemistry Come Alive with Colors and Sparks	<u>De La Matter, Doug</u>
Computer Modeling of Dynamic Systems in Thermodynamics and Kinetics	<u>DeKock, Roger</u>	Micro-Chemistry: Curricular Challenges Facing Small Departments	<u>Zimmerman, James</u>
Computer Skills for Students	<u>Karpen, Mary</u>	Novel Experiments for Incorporation Into the Undergraduate Laboratory Curriculum	<u>Benvenuto, Mark A.</u>
Connecting Service to Chemistry Curriculum	<u>Wiegand, Deborah</u>	On the Scholarship of Teaching and Learning	<u>Coppola, Brian</u>
Cooperative Learning in the Chemistry Classroom	<u>Jury, C. Frederick</u>	Peer-Led Team Learning	<u>Varma-Nelson, Pratibha</u>
Distance Learning Methods in Chemical Education	<u>Conover, Wheeler</u>	Piaget, Constructivism, and Beyond	<u>Bretz, Stacey Lowery</u>
Environmental Chemistry in the High School Curriculum	<u>Sky, Anthony</u>	Polymers in the Curriculum: Lecture and Laboratory	<u>Rasmussen, Paul</u>
Experiences Teaching in a Process Workshop Classroom	<u>Hanson, David</u>	Preparing Future Faculty: Changing the Culture of Graduate Education	<u>Duersch, Brett</u>
Greening the Chemistry Curriculum	<u>Cann, Michael</u>		

Preparing Graduate Students to Teach College Chemistry as a Career	<u>Pienta, Norbert</u>
Promoting Student Success	<u>Zibuck, Regina</u>
Research in Chemical Education: A Symposium	<u>Robinson, William</u>
Simulations and Modeling in the Learning of Chemistry	<u>Martin, John S.</u>
Spectacular Chemistry Demonstrations for the High School Classroom	<u>Rohrig, Brian</u>
Symposium on Computer Technology in Chemical Instruction	<u>Dominey, Raymond</u>
Symposium to Honor Reg Friesen	<u>Bodner, George</u>
Teaching Crystallography to Undergraduates	<u>Crundwell, Guy</u>
Teaching High School Chemistry in a Project-Based Frame	<u>Krajcik, Joseph P.</u>
Teaching Nontraditional Students	<u>Cartwright, Ann</u>
That's Why THEY Need Chemistry	<u>Gloffke, Wendy</u>
The Graphing Calculator and Calculator-Based Laboratory: Enhancing the Chemist's Toolbox	<u>Sinex, Scott</u>
The Many Faces of JCE: What's in Store for the Future?	<u>Moore, John</u>
The New ACS Guidelines and the Future	<u>Mohrig, Jerry</u>
The Role of Science Faculty in K-12 Education	<u>Sullivan, Ann</u>
The Spectrum of Active Learning Methods Used in Introductory Organic Classrooms	<u>Libby, R. Daniel</u>
The Undergraduate Biochemistry Laboratory	<u>Bering, C. Larry</u>
Thinking Outside the Box-Part II	<u>Kotz, John</u>
Tips and Traps in Designing a Science Building/Room	<u>Myers, Stephanie</u>
Topics in Pre-College Chemistry Instruction	<u>Rutherford, Frank</u>
Topics in Science Teacher Education	<u>Phelps, Amy</u>
Undergraduate Biochemistry	<u>Smith, Sharron</u>

Undergraduate Research Projects: What We Did and How We Did It	<u>Zielinski, Theresa Julia</u>
Using Cases: Collaborative Active Learning in the Classroom	<u>Walczak, Mary</u>
Using Chime/Rasmol in the Instructional Program	<u>Flash, Patrick</u>
Using Humor in the Chemistry Classroom	<u>Flash, Patrick</u>
Using Real-World Questions to Promote Active Learning	<u>Lewis, Eileen</u>
Using the Web in Teaching	<u>Charlesworth, Paul</u>
Validating Distance Education Instruction With Research	<u>Williamson, Vickie</u>
VSI. A Structured Learning Model that Produces High Achievement with High School and College Chemistry Students	<u>Patterson, Kay L.</u>

### Conference Workshops

W1 Teaching Chemistry with Pyrotechnic Flair
W2 Computer and Calculator Data Collection with Vernier
W3 Chemical Education Research An Introduction to Nuts and Bolts of the Discipline
W4 Joys of Science and Sciencing Demonstrations and Student Experiments
W5 Using Chemscape Chime in Web Page Development
W7 Writing Across the Chemistry Curriculum
W8 A Guided Inquiry Approach to Chemistry Instruction - General Chemistry and Beyond
W9 Computer and Calculator Data Collection with Vernier
W10 Use of ChemSkill Builder Electronic Homework for Teaching Freshman Chemistry
W11 Inquiry-based Multimedia Activities in Polymers for the Upper-level Undergraduates
W12 Analysis of Analgesics
W13 Applications of RASMOL and MAGE Across the Chemistry Curriculum
W14 Burning Books
W15 ChemLinks/ModularCHEM Workshop
W16 Computer and Calculator Data Collection with Vernier
W17 Everyday Science Teaching Wonder in the Ordinary
W18 Experiential General Chemistry Using a Discovery/Guided Inquiry Approach

- W19 Green Chemistry Laboratory Modules
- W20 Hands-On Showcase of Technology-Based Teaching Tools for Chemistry
- W21 Microscale Gas Chemistry I. An Introductory Workshop
- W22 Periodic Table of the Elements in Triangular Six Dimensional Geometry
- W23 Safety in Academic Laboratories
- W24 Sensors and Electronics for Environmental Measurement
- W25 Tough Concepts Require Concrete Approaches
- W26 Use of Stella to Teach Thermodynamics and Kinetics
- W27 Workshop Chemistry Peer-Led Team Learning
- W28 Guided-Inquiry Experiment Development
- W29 Using Candy to Teach Chemistry
- W30 Making Super Science Connections
- W31 Activities for Introductory Chemistry Computer-Assisted Learning with LUCID
- W32 Chemistry and Colorants Teaching Science by Making Paints, Inks, Crayons and Pastels
- W33 Diversity in the Classroom A Faculty Workshop
- W34 Guided Inquiry Learning in General and Organic Chemistry Designing Activities
- W35 Introduction to LabWorks Learning System
- W36 ChemLinks/ModularCHEM Workshop on Effective Instructional Use of Multimedia
- W37 Computer and Calculator Data Collection with Vernier
- W38 Fantastic Experiments with the Fizz-Keeper
- W39 Molecular Modeling in the Undergraduate Curriculum
- W40 New Ideas in Laboratory Teaching and Learning
- W41 NSF Grants Preparation Workshop
- W42 Microscale Gas Chemistry II. An Intermediate Workshop
- W43 Science in a Technical World The New ACS Curriculum for Tech Prep
- W44 Vial Organic A Revolutionary New Way to Perform Organic Chemistry Labs
- W45 Fun with Chemistry
- W46 An Historical Reenactment Workshop The Early Development (and Visualization) of Structural Organic Chemistry.
- W47 Build Your Own Fuel Cell - A Practical Project in Chemical Technology
- W48 Chemistry Modules of Richmond (C-MoR) Tools for Teaching Chemistry
- W49 Computer and Calculator Data Collection with Vernier
- W50 Hands-On Activities to Teach the Concept of Chirality
- W51 Incorporating Materials Science into High School Chemistry
- W52 Make Your Own Rainbow Tie-Dye Lab Coat
- W53 Molecular Science I Integrating the Network-based, Molecular Science Learning Units Into Your Curriculum.
- W54 4 M's Misconceptions, Measurements, Matter, Models
- W55 The ABC's of Data Analysis - Part 1
- W56 The Chemical Peacock Chromatographic Techniques
- W57 Using Adapted Lab Equipment to Make Chemistry Accessible to Students with Disabilities
- W58 Guided-Inquiry Experiment Development
- W59 Amazing Experiments with the Neodymium Mega-Magnet
- W60 Density Workshop
- W61 The "Levels of Inquiry Matrix" in Chemistry Education
- W62 Thiokol Rubber A Vial lab!
- W63 A New Interface for Environmental and Laboratory Scientific Data Collection
- W64 Advanced Microscale
- W65 Chemistry Experiments that Incorporate Computer Technology
- W66 Chemistry in Context
- W67 Computer and Calculator Data Collection with Vernier
- W68 Experiments for High School Chemistry That You Can Use.
- W69 Graphing Calculator/CBL Use in the Chemistry Laboratory
- W70 Ideas for Presenting Polymers in Middle and Elementary Schools
- W71 Process Workshops - A Classroom Structure for Engaging Students in Learning
- W72 Squishies and Other Neat Science Stuff
- W73 The ABC's of Data Analysis - Part 2
- W74 Teaching Chemical Information Introduction and Practice
- W75 The Occasional Deaf Student in the Hearing Classroom Ideas and Views for Promoting Equal Access to Information in Your Class.
- W76 ACS GenChem Project An Introductory Workshop
- W77 Captivating Chemistry Experiments Using Household Substances
- W78 "Chemtrek" Workshop Small Scale Experiments for General Chemistry
- W79 Computer and Calculator Data Collection with Vernier
- W80 Inquiry-based Multimedia Activities in Polymers for the Upper-level Undergraduates
- W81 It's A Gas and More!
- W82 Molecular Science II Calibrated Peer Review(TM)
- W83 Teach Chemistry with TOYS