

SEPARATIONS DIVISION
American Institute of Chemical Engineers

Mark Pilling
Chair
Sulzer Chemtech USA
1 Sulzer Way
Tulsa, OK 74131
(918) 447-7652
Mark.Pilling@sulzer.com

Linda Wang
First Vice Chair
Dept. Chem. Eng.
Purdue University
West Lafayette, IN 47907
(765) 494-4081
wangn@ecn.purdue.edu

G. Glenn Lipscomb
Second Vice Chair
Dept. Chem. and Environ.
Eng.
University of Toledo
Toledo, OH 43606-3390
(419) 530-8088
glenn.lipscomb@utoledo.edu

Atanas Serbezov
Secretary
Dept. Chem. Eng.
Rose-Hulman Inst. Technol.
Terre Haute, IN 47803
(812) 877-8097
serbezov@rose-hulman.edu

Neil Yeoman
Treasurer
LNCK Associates
1723 Alexis Road
Merrick, NY 11566
(516) 946-9530
loretta.neil@yahoo.com

Benny Freeman
Past Chair
Univ. of Texas, Austin
10100 Burnet Road
Austin, TX 78758
(512) 232-2803
freeman@che.utexas.edu

DIRECTORS

Tarun Poddar
W. L. Gore
tpoddar@wlgore.com

Jeff McCutcheon
University of Connecticut
jeff@engr.uconn.edu

Krista Walton
Georgia Institute of Technology
krista.walton@chbe.gatech.edu

Scott Husson
Clemson University
shusson@clemson.edu

Mike Resetarits
Fractionation Research, Inc.
resetarits@fri.org

Nicholas Urbanski
SepDivArea2a@aol.com

Mark M. Davis
UOP
mark.davis@uop.com

Isabel C. Escobar
The University of Toledo
isabel.escobar@utoledo.edu

Sharon Robinson
Oak Ridge National Lab
robinsonsm@ornl.gov

Roger D. Whitley
Air Products and Chemicals
whitlerd@airproducts.com

Marcus Dutra e Mello
Chevron
mvdem@Chevron.com

AREA CHAIRS

Nicholas Urbanski
Distillation & Absorption (2a)
SepDivArea2a@aol.com

Paul Kenis
Crystallization & Evaporation (2b)
kenis@illinois.edu

Megan Donaldson
Extraction (2c)
medonaldson@dow.com

Tarun Poddar
Membrane-Based Separations (2d)
tpoddar@wlgore.com

Roger D. Whitley
Adsorption & Ion Exchange (2e)
whitlerd@airproducts.com

Isaac Gamwo
Fluid-Particle Separations (2f)
gamwo@netl.doe.gov

Kathleen Mihlbachler
Bioseparations (2g)
mihlbach@ADM.NJIT.EDU

Alice He
General Topics & Other Methods (2h)
azhe@chevron.com

CTOC LIAISON
Sharon Robinson
Oak Ridge National Lab
robinsonsm@ornl.gov

Separations Division Planning Meeting
Fall 2012, Pittsburgh

MINUTES

Separations Division Planning Meeting
American Institute of Chemical Engineers
2012 AIChE Annual Meeting

Sunday, October 28, 2012
Noon-5:30 pm
Pittsburgh Convention Center (Room 303)

Attendance:

Mark Pilling
Atanas Serbezov
Tarun Poddar
Scott Husson
Roger D. Whitley
Anand Vennavelli
Isaac Gamwo
Daniel Summers
Clint Aichele

Linda Wang
Benny Freeman
Jeff McCutcheon
Nicholas Urbanski
Marcus Dutra e Mello
Megan Donaldson
Kathleen Mihlbachler
Ranil Wickramasinghe

G. Glenn Lipscomb
Timothy Frank
Krista Walton
Sharon Robinson
Andre DaCosta
Lauren Greenlee
Alice He
D.B. Bhattacharyya

Approval of Minutes from Minneapolis (Fall 2011) and Houston (Spring 2012)

The motion to approve the minutes was seconded and passed unanimously.

Review of Action Items from Minneapolis (Fall 2011) and Houston (Spring 2012)

Division Bylaws Revision: The bylaws have been discussed but Neil needs to distribute the revised bylaws to the Division leadership for approval. After that a proposal must be submitted to CTOC for their approval, and then the revised bylaws must be voted upon and approved by the membership of the Division. The target date is the General Membership Meeting on Monday night in San Francisco (Fall 2013).

The revised bylaws should cover the roles of the division beyond programming, such as communication with members (newsletter, web page, and social media), membership initiatives, awards, and provisions for an advisory council.

New Action item: Neil will distribute the revised bylaws to the Division leadership for approval.

Communication with Members: At the end of each year a letter from the past chair and the upcoming chair will be sent to all members.

New Action item: Mark Pilling and Linda Wang will send a letter by the end of 2012.

Advertising Materials: It has been suggested that the Division develop and produce a tri-fold brochure for use in meetings, mailings and advertisements. Mark Pilling has found out that the printing cost will be in the order of \$1 per copy.

New Action item: Mark Pilling will contact a marketing person for the cost of producing the brochure.

Plaques for Honorees: The Division will sponsor one plaque per programming area per meeting.

Division Website (Krista Walton)

The Division will continue to maintain its own website. An effort will be made to avoid content duplication between the Division website and the AIChE web site. Krista will send requests for content to the Division leaders on a monthly basis. Krista will manage the web site for one more year, until the end of 2013.

Division Officers' Handbook

In an effort to facilitate the officers' transitions and to retain the knowledge of best practices, an Officers' Handbook will be compiled.

Action item: All current officers will send a list of duties and time-lines for their current positions to Atanas by the 2013 Spring meeting.

Elections (Benny Freeman)

The following candidates have agreed to stand up for election:

Timothy Frank – Second Vice Chair
Jeff McCutcheon - Director
Atanas Serbezov - Secretary
Neil Yeoman – Treasurer

Tarun Poddar is still considering running for a Director. Benny will organize the ballot by the end of 2012.

CTOC Report (Sharon Robinson)

Sharon provided an update on the CTOC activities. The AIChE Industry Technology Groups (ITGs), such as CCPS, SBE, IfS, CEI, SAcHE, DIERS, and DIPPR are thriving. The Research and New Technology Committee (RANTC) is restructuring and is looking for representatives from the Divisions.

BOD Update (Andre DaCosta)

Andre is the current Treasurer of the Institute. He provided an update on the BOD activities and the state of the Institute. The Institute is in a good financial state. Membership is increasing. Educational services have been brought back to AIChE. AIChE headquarters will be moved in 2013. The new location is still unknown.

Treasurer Report (Mark Pilling on behalf of Neil Yeoman)

The report is distributed electronically (via e-mail) every month. If anyone wants a copy, he/she can contact Neil. The most recent balance is around \$70,000. The financial health of the Division is good.

Promote Separations among Undergraduates (Jeff McCutcheon and D.B. Bhattacharyya)

The Division must reach to the undergraduates in order to increase its membership. Currently Scott Husson personally contacts every undergraduate student who has a poster or presentation related to Separations.

Action item: Jeff McCutcheon and D.B. Bhattacharyya will look into new ways to reach the undergraduate students, such as workshops on separations topics.

Graduate Student Awards (Nicholas Urbanski)

There was a record number of applications, 31. Reviewing the applications has become very time consuming for the Awards Director. In the future, the Awards Director will get the Area Chairs and Vice Chairs involved in the process.

Motion: That no more than 2 graduate student awards are given per programming area. The motion was seconded and passed unanimously.

2013 Programming

Nick Urbanski is the MPC for the 2013 Spring meeting in San Antonio.

Ranil Wickramasinghe is the MPC for the 2013 Annual meeting in San Francisco. Due to space limitations in San Francisco, the Divisions will be asked to limit the total number of sessions.

Division Service Award in 2013

The recipients of the 2012 Division Service Award were not able to attend the meeting due to the weather. They will be recognized at the 2013 meeting. A service award will not be given in 2013.

Membership (Scott Husson)

A slide deck has been sent to all separations session chairs to display before the session and to encourage attendees to join the Division.

Scott has sent personal e-mails to all undergraduate students who presented a poster on separations research in the student meeting to inform them about the Division and encourage them to become members at no cost.

AICHE will record the Gerhold/Kunesh Award Plenary (for speakers who agree) and place the recordings on ChemE on Demand for free access by our members. Beginning with the 2012 session, all Division members have free access to this recorded session.

Communication with Members

It was suggested to revive the Division newsletter. It was also suggested to use social media, LinkedIn in particular, to keep Division members informed about the Division.

Action item: Timothy Frank will work on reviving the newsletter.

Action item: Marcus Dutra e Mello will work on creating a LinkedIn group for the Division members.

Awards Dinner

The awards dinner is expanding in terms of attendees (87 this year). The organization of the event is becoming more and more complicated. In order to stream line the future logistics, sign up will be only through the Conference registration web page and a cut-off date for reservations (2 weeks prior to the event) will be instituted. Awardees (who do not pay for the dinner) will be given a promotion code for use during registration.

Action item: Nick Urbanski will work with AIChE to develop the reservation web page for the Awards Dinner in San Francisco.

Action item: Starting in 2014, the responsibilities for the awards dinner will be removed from the Awards Director and assigned to a different officer.

Young Professionals (YP) Social Events in San Antonio

The Division is a sponsor of the YP social events. This is a way for the Division to recruit members.

Action item: For the San Antonio meeting the Division will sponsor the travel of one officer who will represent the Division at the YP social events.

Programming Areas Reports

Programming area reports are summarized in a table at the end of the minutes.

Programming Areas Leadership

	Chair	Vice-Chair	Elections
Area 2a (Distillation and Absorption)	Michael R. Resetarits (2010/2011) Nicholas F. Urbanski (2012/13)	Nicholas F. Urbanski (2011) Anand Vennaveli (2012/13)	Fall 2013
Area 2b (Crystallization and Evaporation)	Chiajen Lai (2009/2011) Paul Kenis, (2012/2013)	Paul Kenis, (2009/2011) Chris Burcham (2012/13)	Fall 2013
Area 2c (Extraction)	Tim Frank (2009/2011) Megan Donaldson (2012/2013)	Megan Donaldson (2009/2011) Mike Trippeer (2012/13)	Fall 2013
Area 2d (Membrane-Based Separations)	Ranil Wickramasinghe (2010/2011) Tarun Poddar (2012/2013)	Tarun Poddar (2010/2011) Lauren Greenlee (2012/13)	Fall 2013
Area 2e (Adsorption and Ion Exchange)	Linda Wnag (2010/2011) Roger Whitley (2012/2013)	Roger Whitley (2010/2011) Krista Walton (2012/13)	Fall 2013
Area 2f (Fluid-Particle Separation)	Seyi Oduyungbo (2010/2011) Isaac Gamwo (2012/2013)	Isaac Gamwo (2010/2011) TBD (2012/13)	Fall 2013
Area 2g (Bioseparations)	Kathleen Mhlbachler (2011/2013)	Nihal Tugcu (2011/resigned) TBD 2013	Fall 2012 Fall 2013
Area 2h (General Topics and Other Methods)	Alice He	Steve Ritchie	

	Pittsburgh (Fall 2012)				Houston (Spring 2012)			
Area	Total	Co-Sponsored	Honor /Topical	Poster	Total	Co-Sponsored	Honor / Topical	Poster
Area 2a (Distillation and Absorption)	4		1H (Lowell Pless)		5	1	1H (Ralph Weiland)	
Area 2b (Crystallization and Evaporation)	8	6		1	No Programming			
Area 2c (Extraction)	3	1			No Programming			
Area 2d (Membrane-Based Separations)	32	3	2H (Bill Krantz)		No Programming			
Area 2e (Adsorption and Ion Exchange)	17	2	1H (Gino Baron)	1	No Programming			
Area 2f (Fluid-Particle Separation)	3				No Programming			
Area 2g (Bioseparations)	7	5	2T	1	No Programming			
Area 2h (General Topics and Other Methods)	1			1	No Programming			
	San Francisco (Fall 2013)				San Antonio (Spring 2013)			
Area	Total	Co-Sponsored	Honor /Topical	Poster	Total	Co-Sponsored	Honor / Topical	Poster
Area 2a (Distillation and Absorption)	6				6		1H (Tak Yanagi)	
Area 2b (Crystallization and Evaporation)	9	7		1	No Programming			
Area 2c (Extraction)	5	2		1	No Programming			
Area 2d (Membrane-Based Separations)	TBD	TBD	TBD	TBD	No Programming			
Area 2e (Adsorption and Ion Exchange)	16			1	No Programming			
Area 2f (Fluid-Particle Separation)	5	2			2			
Area 2g (Bioseparations)	7	5		1	No Programming			
Area 2h (General Topics and Other Methods)	3			1	No Programming			