

SEPARATIONS DIVISION
American Institute of Chemical Engineers
2020

Ranil Wickramasinghe Chair Dept. Chem. Eng. University of Arkansas (479) 575-4951 swickram@uark.edu	Anand Vennavelli First Vice Chair anand.vennavelli@okstate.edu	Alice He Second Vice Chair Chevron (510) 242-5628 azhe@chevron.com	Atanas Serbezov Secretary Dept. Chem. Eng. Rose-Hulman Inst. Technol. (812) 877-8097 serbezov@rose-hulman.edu	Tarun Poddar Treasurer tpoddar@att.net	Marcus Mello Past Chair Chevron (510) 242-1414 mvdem@chevron.com
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DIRECTORS

Lauren Greenlee
University of Arkansas
greenlee@uark.edu

Dan Summers
Sulzer
dan.summers@sulzer.com

Marina Tsianou
University at Buffalo
mtsianou@buffalo.edu

Isaac K. Gamwo
NETL/DOE
gamwo@netl.doe.gov

Paul Scovazzo
University of Mississippi
scovazzo@olemiss.edu

Seyi Oduyungbo
seyiodu@hotmail.com

Haiqing Lin
University at Buffalo
haiqingl@buffalo.edu

Angela Lueking
Missouri University of Sci. and Tech.
luekinga@mst.edu

Stefano Brandani
University of Edinburgh
sbrandan@exseed.ed.ac.uk

Stephen Thiel
University of Cincinnati
thiels@ucmail.uc.edu

AREA CHAIRS

Andrew Sloley
Distillation & Absorption (2a)
andrew@sloley.net

Thomas Vetter
Crystallization & Evaporation (2b)
thomas.vetter@manchester.ac.uk

George Goff
Extraction (2c)
georgeg@lanl.gov

Mahdi Malmali
Membrane-Based Separations (2d)
Mahdi.Malmali@ttu.edu

Peter Ravikovitch
Adsorption & Ion Exchange (2e)
peter.ravikovitch@exxonmobil.com

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

Caryn Heldt
Bioprocesses (2g)
heldt@mtu.edu

Josh Thompson
General Topics & Other Methods (2h)
joshua.thompson@chevron.com

CTOC LIAISON

Ranil Wickramasinghe
swickram@uark.edu

MINUTES

Separations Division Online Planning Meeting

Friday, April 17, 2020 – 3:00pm – 4:00pm (EST)

Attendance (via phone or Webex):

Ranil Wickramasinghe	Anand Vennavelli	Alice He
Atanas Serbezov	Tarun Poddar	Marcus Mello
Lauren Greenlee	Dan Summers	Marina Tsianou
Isaac Gamwo	Paul Scovazzo	Haiqing Lin
Angela Lueking	Steve Thiel	Andrew Sloley
Thomas Vetter	Mahdi Malmali	Peter Ravikovitch
Josh Thompson	Chris Burcham	Handan Tezel
Heather Chenette		

Introductions (Ranil Wickramasinghe)

Ranil introduced the leadership of the Division for 2020.
See the Appendix to the Minutes for details.

Approval of Minutes from Orlando (Atanas Serbezov)

A motion to approve the minutes as distributed by e-mail passed by acclamation.

Treasurer's Update (Tarun Poddar)

See the Appendix to the Minutes for details.
The financial health of the Division is good. The account balance as of 12/31/2019 was \$77,157. The Division funds allocation for 2020 is 50% CD and 50% Equity Fund. The transition between the past treasurer (Neil Yeoman) and the present treasurer (Tarun Poddar) is still in progress. It is not clear if the industrial sponsors of the Division awards have been contacted for their 2020 contributions.

Action Item: Anand Vennavelli and Tarun Poddar to get in touch with Neil Yeoman to ensure timely contributions for the Division awards by the sponsors.

Action Item: Atanas Serbezov to organize a virtual meeting of the Executive Committee to discuss Division finances.

Awards Team Update (Haiqing Lin/Dan Summers)

See the Appendix to the Minutes for details.
There is only one nomination for the Graduate Student awards. A call for nominations has been sent to Chemical Engineering Department Chairs via the AIChE email list. Steve Thiel will post a call for nominations on the start page of the Division's web site.

Steve Thiel has updated the content of the Division's web site related to awards. The updated information can be found at <https://www.aiche.org/community/sites/divisions/separations/awards>

It was noted, that the list of past winners for the Professor Dibakar Bhattacharyya Graduate Student Research Award has not been updated since 2015. It was also noted, that on the above referenced web page, there are no other award winners listed. The following suggestions were made:

- On the above referenced web page list only the most recent award winners.
- Create a separate web page that lists all award winners.

Alice He is in the process of compiling a list of all award winners and area honorees.

Action Item: Alice He, Haiqing Lin, Dan Summers, and Steve Thiel to publish all award winners on a separate page on the Division's web site.

Newsletter (Marina Tsianou)

See the Appendix to the Minutes for details.

The newsletter is almost ready. It will be published on the Division web site and publicized through the Division's Engage platform. Photos from award ceremonies will be published on the web site.

Action Item: Marina Tsianou will send Steve Thiel available photos from award ceremonies.

On-Line Community "Engage-Separations" (Paul Scovazzo)

The Engage-Separations platform is live. AIChE has sent an email to announce the launch of the platform but it appears that the email has not been successfully delivered to recipients. There has been no traffic on the site.

Action Item: Paul Scovazzo to contact AIChE and request that the email announcing the launch of the platform be sent again.

Action Item: Steve Thiel to add a link to the Engage-Separations platform on the Division web site.

Action Item: Marina Tsianou to include information on the launch of the Engage-Separations platform in the newsletter.

Website (Stephen Thiel)

Steve is working diligently to remove dated information from the site, as well as links to pages with no content. Top priority has been the awards-related content, which is now up-to-date.

Action Item: Area Chairs to send Steve one-paragraph descriptions of the area focus and scope.

The leadership page has out-of-date and inconsistent information. The leadership page is controlled by AIChE. Atanas has sent a request for leadership page update in January. It appears that some of the updates have been made, but the out-of-date information has not been removed.

Action Item: Steve Thiel and Ranil Wickramasinghe to contact AIChE and oversee the revision the leadership page.

Topical Conferences (Angela Lueking)

Angela was planning to submit a proposal related to the “Research Agenda for Transforming Separation Science” published in 2019 by the National Academy of Sciences.

<http://nas-sites.org/dels/studies/separations>

However, the current AIChE process for topical conferences has a 2-year lead time. The earliest this topical could have been realized was 2021, by which time the topic would have been not so relevant. For this reason, the proposal was not submitted.

Division members with ideas for topical conferences should contact Angela and be aware of the 2-year lead time.

Support for Young Professionals (Ranil Wickramasinghe)

Historically, the Division has given \$500 per meeting to support YPC activities. The funds are authorized by the Division Chair. The Division will continue its financial support.

Poster Competition (Ranil Wickramasinghe)

The poster competition was reinstated at the 2019 annual meeting. Ranil was in charge. Winners received certificates but no cash awards. The prevailing sentiment is to continue with the current practice.

2020 Annual Meeting Programming Update (Ranil Wickramasinghe)

See the Appendix to the Minutes.

APPENDIX



AIChE Separations Division

2020 Online Planning Meeting

April 17, 2020

2:00 PM – 3:00 PM CDT



Agenda

1. Welcome and Introductions (Ranil Wickramasinghe)
2. Approval of Minutes from 10 November 2019 Meeting (Atanas Serbezov)
3. Review Action Items (Ranil Wickramasinghe and others)
4. Funding Requests (Ranil Wickramasinghe)
5. 2020 Annual Meeting Timeline (Ranil Wickramasinghe)
6. 2020 Annual Meeting Programming Update (Ranil Wickramasinghe/Marcus Mello)
7. New Business (All)





2020 Division Leadership

Officers

Ranil Wickramasinghe, Chair

Anand Vennavelli, 1st Vice Chair (2021 Chair)

Alice He, 2nd Vice Chair (2022 Chair)

Atanas Serbezov, Secretary

Tarun Poddar, Treasurer

Marcus Mellow, Past Chair

Area Chairs

Andrew Sloley (Distillation & Absorption) 2019-2020

Thomas Vetter (Crystallization & Evaporation) 2020-2021

George Goff (Extraction) 2016-2020

Mahdi Malmali (Membrane-based Separations) 2020-2021

Peter Ravikovitch (Adsorption & Ion Exchange) 2020-2021

Isaac Gamwo (Fluid-Particle Separations) (2020-2021)

Caryn Heldt (Bioseparations) 2020-2021

Josh Thompson (General Topics & Other Methods) 2019-2021

Directors

Lauren Greenlee (2016-2020)

Dan Summers 2020

Marina Tsianou (2017-2021)

Isaac Gamwo (2017-2021)

Paul Scovazzo (2018-2022)

Seyi Oduyungbo (2018-2022)

Haiqing Lin (2019-2023)

Angela Lueking (2019-2023)

Stefano Brandani (2020-2024)

Stephen Thiel (2020-2024)

CTOC Liaison

Ranil Wickramasinghe (2018-2020)



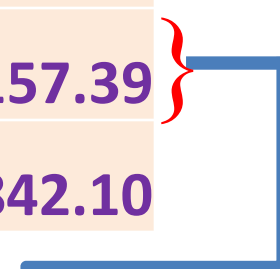
Financial Summary

Separation Division



Tentative Financial Overview for 2019

Assets on 12/31/2018	71,315.29
Assets on 12/31/2019	77,157.39
Net Change	5,842.10



Total Receipts	21,000.01	Held by AIChE NA Account	68,792.01
Total Disbursements	15,157.91	TD Bank Checking Account	8,365.38
Net Earning	5,842.10	Total	77,157.39



Receipts & Disbursements Details for 2019

Receipts

Dues Payment	6,668.00
Awards Dinner and special events revenue	4,210.00
Donations from corporations	5,400.00
Investment income	4,222.01
Refund (adjustment) from AIChE	500.00
Total Receipts	21,000.01

Disbursements

Awards	6,000.00
Award Dinner & related	4,440.00
Plaques and related	1,640.22
T&L	796.66
Annual meeting cost	1,753.63
Donations-YP mixer	500
Amex card membership fee	26.25
Postal charges	1.15
Total Disbursements	15,157.91



2020 Award Responsibilities

Award	Responsibility	Committee Chair
Founders	Division Chair	Ranil Wickramasinghe
Kunesh	Past Division Chair	Marcus Mello
Innovation	Division Chair	Ranil Wickramasinghe
Education and Outreach	2 nd Vice Chair	Alice He
Awards Dinner	2 nd Vice Chair	Alice He
GSRA	Awards Director facilitates thru Area Chairs	H. Lin/D. Summers
Gerhold		Paul Bryan

Nominations are due by **May 1st**

Please announce and advertise call for nominations

See <https://www.aiche.org/community/sites/divisions/separations/awards> for details

2020 Awards

Graduate Student Awards

- **One submission from Scott Husson for Membranes**

Innovation Award

- **One submission from Bill Koros for Dhaval Bhandari. Appears to be complete**
- **Ranil, I assume you are handling this and are comparing this to past submissions**



2020 Spring

Spring Meeting (now August)

- **Plaque for Area 2a Distillation, awaiting Feedback from Andrew Sloley**
- **Honoree is Daryl Hanson of Valero**



2020 Awards

Review of the Awards Web Site

- **We only list 4 winners of the special DB Bhattacharyya award in membranes. Do we want to continue showing these winners? If so, years 2016 to 2019 need to be added.**



The Newsletter

- **Message from the Division Chair**
(Division news, meeting/programming news, membership, awards, etc.)
 - **Election Results**
(who will be assuming new roles and brief bios)
 - **Brief messages from the Division Secretary and Awards Chair (and/or others?)**
 - **Highlights from the Annual Meeting**
(major highlights from the Annual Meeting, symposia, sessions per area, etc.)
 - **Highlights from the Annual Awards Banquet**
 - **Division Awards**
(award recipients, bios, photos)
 - **Upcoming Events and Deadlines**
 - **Division Leadership and Program Area Chairs/co-Chairs**
(list of the Officers, Directors, Area Chairs & co-Chairs)
- Newsletter coming out after the Annual Meeting and an e-mail message sent in spring with links to the various programming events, award deadlines, etc.

News or other information to share?

Send a message to **Marina Tsianou** mtsianou@buffalo.edu



Funding Requests, cont'd

- Annual sponsorship of Young Professionals' Mixer at Spring (now Summer) Meeting – Received a request
 - \$500 (from previous year)
 - Anyone planning to attend?



Funding Requests

- Poster Competition was reinstated at the last annual meeting (no cash awards)?
 - Consistent with raising the importance of posters
 - Chairs to lead judging?
 - Amounts to award? (last years only certificates)



2020 Annual Meeting Timeline

Thursday April, 30

_ Abstracts due

Friday, May 29, 2020

– Chairs Accept/Reject Abstracts & Order Sessions

Monday, June 22, 2020

– Draft Program Available for Review

Monday, June 29, 2020

– Comments from Chairs Due

Tuesday, June 30, 2020

– All info in Confex for Invited Sessions & Plenaries

Monday, July 6, 2020

– Final Program Posted





2020 Annual Meeting Programming Update

Plenary Session –

02000 Division Plenary: Gerhold and Kunesh Awards on Separations (Invited Talks)

02001 Division Plenary: Major Separations Challenges (Invited Talks)





2019 Annual Meeting Programming Update

2020 Annual Meeting Session Allocations								
	2013 - San Francisco	2014 - Atlanta	2015 - Salt Lake City	2016 - San Francisco	2017 - Minneapolis	2018 - Pittsburgh	2019 - Orlando	2020 - San Francisco
Goal	830	780	750	720	720	720	720	720
Group / Topical	Allocation 2013	Allocation 2014	Allocation 2015	Allocation 2016	Allocation 2017	Allocation 2018	Allocation 2019	Allocation 2020
Separations Division	64	64	62	60	60	58	59	58

Reception - Alice

Area Chair Reports

Andrew Sloley (Distillation & Absorption)

Thomas Vetter (Crystallization & Evaporation)

George Goff (Extraction)

Mahdi Malmali (Membrane-based Separations)

Peter Ravikovitch (Adsorption & Ion Exchange)

Isaac Gamwo (Fluid-Particle Separations)

Caryn Heldt (Bioseparations)

Josh Thompson (General Topics & Other Methods)

