

SEPARATIONS DIVISION
American Institute of Chemical Engineers
2023

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MINUTES

Separations Division Online Planning Meeting

Friday, May 5, 2023, 3:05pm – 4:05pm (EDT)

Attendance (via phone or Webex):

Seth Huggins	Isaac Gamwo	Atanas Serbezov
Caryn Heldt	Dan Summers	Haiqing Lin
Daniel Siderius	Paul Collins	Tarun Poddar
Marina Tsianou	Alice He	CJ Kurth
Izak Nieuwoudt	Greg Cantley	Steve Ritchie
Tony Cai	Gerard Capellades	Christopher Burcham
Seyi Odueyungbo	Bill Phillip	Handan Tezel
Christiana Boi	Evan Hatakeyama	

Approval of Minutes from March 22, 2023 (Atanas Serbezov)

A motion to approve the minutes as distributed by email passed by acclamation.

Action Items Follow-up

- Division Bylaws Revision: The Division is not on the CTOC's 2023 update list. The Division will most likely be on the 2024 list.
- 2022 Division Newsletter: Work in progress. Marina Tsianou will distribute when complete.
- "About" Information for the Division Web Site: Write ups needed from areas
 - 2b - Christopher Burcham
 - 2c - David Cantu
 - 2d - William Phillip
 - 2e - Handan Tezel
 - 2h - Josh Thompson<https://www.aiche.org/community/sites/divisions/separations/separations-division-areas>
 Send the write ups to Steve Thiel
- Graduate Student Research Awards: Work in progress. Haiqing Lin and CJ Kurth will propose changes to the nominating process. They will also develop a proposal for organizing a GRSA awardee session during the 2024 annual meeting.
- Webinar Collaboration with FRI: Work in progress.

New Graduate Student Research Award Proposal (Dan Summers)

Motion: Establish a new special GSRA in the name of Jose Bravo sponsored by FRI. The amount of the award to be \$300, same as the DB Bhattacharyya GSRA. The sponsor will provide \$450 per year, \$300 for the award amount and \$150 for expenses (plaque and awardee dinner).

Motion carried.

Action Item: Dan Summers to inform FRI.

Diversity Committee Update

The Diversity Committee members are Caryn Heldt, Seth Huggins, Steve Richie, Marina Tsianou, Christine Duval, and Heather Chenette. The committee has identified 3 focus areas:

- Work with area and session chairs to keep diversity in mind as abstracts are being solicited and keynotes are being selected.
- Work with the Awards Committee to develop selection criteria for awards that are relevant and inclusive. Advertise the SepDiv awards to diverse groups.
- Organize mentoring sessions at the annual meetings.

The focus areas set forth by the Diversity Committee received positive feedback. Further discussion identified several action items.

Action Item: Make a slide to be included in the slide decks for the Division and Areas business meetings.

Action Item: Caryn Heldt to facilitate a meeting between the Diversity Committee and the Awards Committee to discuss changes in the awards administration process that will increase the diversity pool of applicants and reduce the bias in the review of the nominations.

Action Item: Tarun Poddar to add the diversity initiatives in the solicitation letters sent out to the sponsors of the Division.

Action Item: Steve Ritchie to develop a plan to increase the pool of industrial nominations for the awards.

Treasurer's Report (Tarun Poddar)

See slides in the Appendix for details.

The Division balance as of 12/31/2022 was \$72,470. The Division lost \$17,832 in 2022, mostly due to an investment loss in the AIChE investment portfolio and a one-time education award. Despite the loss, the financial health of the Division is good because of the accumulated reserves over the past 20 years. However, the income from membership dues is decreasing, and there is a concern that this may lead to a depletion of the reserves. The division dues have stayed the same for more than 25 years and it is prudent to consider an increase.

Motion: Increase the Division dues in 2024 from \$15 to \$18.

Motion carried.

Awards Update (Haiqing Lin and CJ Kurth)

See slides in the Appendix.

Annual Meeting Update (Seth Huggins)

See slides in the Appendix.

APPENDIX

2023 Separations Division Planning Meeting

May 5, 2023

Financial Report-2022

Separation Division

May-2023

Financial Overview for 2022



Assets on 12/31/2021	90,301.47
Assets on 12/31/2022	72,469.89
Net Change	-17,831.58

Net receipts	4,129.48
Total disbursements	21,961.06
Net earning	-17,831.58

Receipts & Disbursements Details for 2022



Receipts

Dues Payment	5,655
Donations from corporations	6,400.00
Investment income (loss)	(11,425.52)
Dinner ticket	3,500
Total Receipts	4,129.48

Disbursements

Awards –Professional	6,000.00
Awards –GRSA	1,500
Education outreach award	5000.00
Plaques and related	1,720.83
Award dinner and related	4,144.97
Annual meeting audio visual	2,452.53
Wrong allocation by AIChE	139.83
Travel and Lodging annual meeting	1002.90
Total Disbursements	21,961.06

Award Dinner Details for 2022



Ticket sale : 3,500 (50 @ 70/ticket)

Total award dinner related expenses: 4,144.97

Division's expense : 644.97

Award Related Expenses

Dinner expenses for 51 meals + Tax + Gratuity(15%) : 3,925.66

Award related printing and shipping: 219.31

Investment return -2022



Total fund on January-1-2022: 90,301

AIChE portfolio : 67,726 (75%)

CD : 22,575 (25%)

Income from AIChE portfolio: **(11,566)**

Income from CD: 140

Total Income : **(11,426)**

Change in AIChE portfolio : **17.08%**

2022 Market perspectives

DOW : - 8.8%

Nasdaq : - 33.1%

S&P: - 19.4%

AIChE Professional Dues 2024

AIChE Membership team: Professional Dues Membership requesting confirmation if there are any planned membership pricing changes for division or forum for the 2024 calendar year.

- Your current professional dues are: \$15

Confirm the membership pricing for 2024 by the end of day **Monday, May 8th**

Awards

Award Status – May 2023

Award	Responsibility	Nomination
Founders	Division Chair	1 (from the last year)
Kunesh	Past Division Chair	4 (1 from the last year and 3 new)
Innovation	Division Chair	1 (New)
Education and Outreach	1 st Vice Chair	None
GSRA	Awards Director facilitates thru Area Chairs	Distillation/Absorption: 1 Membranes: 5 Adsorption/Ion exchange: 1 Bioseparation: 1

- We will check the membrane status of the nominators
- The winners will be announced in early June

Gerhold Award Status – May 2023

Completed to date

- Responsibility has been fully handed over to Dan Summers and Website updated
- 2023 is the year when people from Universities are honored
- All past Nominators were contacted to determine if they wished to update their nomination package. As a result, one nomination was dropped and 5 were updated.
- A review committee has been established to review 11 Nominees. Reviews are currently in progress. Reviewers were informed of all the nominee's past involvement with the Separations Division.
- Checked with National AIChE regarding who has (and has not) paid their member dues.
- Reviews are due before the end of May. Winner to be announced early in June.

Area Planning for Annual Meeting

2023 Session Planning

	Code	Fall 2022	2023 Initial	Current Status
Sep div	20	2	2	2
Distillation and Absorption	2A	1	1	1
Crystallization & Evaporations	2B	9	8	12 (8+1+3)
Extraction	2C	2	2	2
Membrane-based Separations	2D	22	16	20 (16+1+3)
Adsorption & Ion Exchange	2E	19	18	21 (18+3)
Fluid-Particle Separations	2F	2	2	2
Bio separations	2G	8	8	6
General Topics & Other Methods	2H	1	1	1
<i>Total</i>		66	58	67
<i>Limit</i>		58	58	58

2G released 2 sessions
1 sessions reallocated to 2B/2D,
each

Request to AIChE programming
3 sessions for 2B
3 sessions for 2D
3 sessions for 2E

Expected to know outcome by start of
next week.

2023 Annual Meeting Timeline

Monday, April 3, 2023	Call for Abstracts Closes
Friday, May 12, 2023	Abstract Review Completed Send in Scheduling Requests
Friday, June 9, 2023	Draft Program Available for Review
Monday, June 16, 2023	Draft Program Changes due back from Chairs
Tuesday, June 30, 2023	All Invited Session Information Finalized and in Confex
Monday, July 31, 2023	Division/Forum Award Winner Information Due

Complete between April 3 and May 12:

- **Reviewing Abstracts:** Reference the **abstract evaluation rubric**, which [can be found here](#)
- **Scheduling Requests:**
 - Please complete and sent to Seth Huggins by May 10 for compilation, request from division due on May 12.
 - Please do your best to estimate number of attendees so that the best sized rooms are allocated
 - Scheduling request form is available from 2019, Orlando conference if desired to try to duplicate