

Education Division Business Meeting

Join us. Just \$7 per year.

Matthew Liberatore

2018-2019 Division Chair

matthew.liberatore@utoledo.edu



Education Division

An AIChE Community

EdDiv's Mission

The mission shall be the education of chemical engineers as it pertains to educational research, scholarly teaching, and broader endeavors encompassing education, such as the Division's programming.

Today's course objectives:

Disseminate information

Create open discussion

Who are we?

Executive Committee 2018-2019

Matt Liberatore, Chair

Ben Davis, 1st Vice-Chair

Daniel Lepek, 2nd Vice Chair

Taryn Bayles, Past Chair

Katie Cadwell, Secretary-Treasurer

Board Members

Shannon Ciston, Director, 2019-2021

Dan Burkey, Director, 2017-2019

Priscilla Hill, Director, 2018-2020

Gina Gatto and Sean Liu, Institute Liaisons (AIChE Staff)

EdDiv Org Chart 2019

Division Board of Directors (9 total members)

Executive Committee (5 members)

Chair 1st Vice Chair 2nd Vice Chair
Secretary/Treasurer Past Chair

Director1 Director2 Director3
Institute Liaison

Committees (7)

Survey + Webinars + Future Faculty + Membership +
Communication + Nominating + Awards

Who we will be...Election Results

2nd Vice Chair: Christy Wheeler West (2020-2021)

Directors: Dan Burkey and Jennifer Cole (2020-2023)

~50 votes cast in final even year election

Next election in 2021

Thanks to Taryn Bayles + Jason Keith + David Silverstein

Regular Communication=Monthly Email

Announcements of interest to Ed Div members

Division business

Faculty postings

Calls for participation - surveys, studies

Submit announcements to Katie Cadwell

(kdcadwel@syr.edu)

Submission deadline end of month

What is a Communication Committee?

Increase communication...

within EdDiv to activate current membership

to broader AIChE community to engage new membership

Rehab web page

Explore social media possibilities

Better utilize AIChE Engage platform?

Work with AIChE central to maximize efforts

Katie Cadwell, Matt Cooper, Rebecca Ong, Betul Bilgin

Finances in good shape

Fund balance in March:

2016	\$10,000
2017	\$10,400
2018	\$10,600
2019	\$14,200

Revenue sources:

Dues, banquet fees, award sponsorship, interest

Expenses:

Banquet (net neutral), Awards/plaques, Domain registration fee, Communication, Mentor/mentee food

Katie Cadwell: kdcadwel@syr.edu

Membership (as of 9/2019)

1330 total members (professional and student)

Professional Members (member, senior member, or fellow)

326 in 2019

87% from USA

– States with the most members: Michigan (25), New York (19), Pennsylvania (19),
15 % Fellows (45), 79% Senior Members (241), 6% Members (19)

Includes 6 graduate students, and 9 other students

Undergraduate Student Members

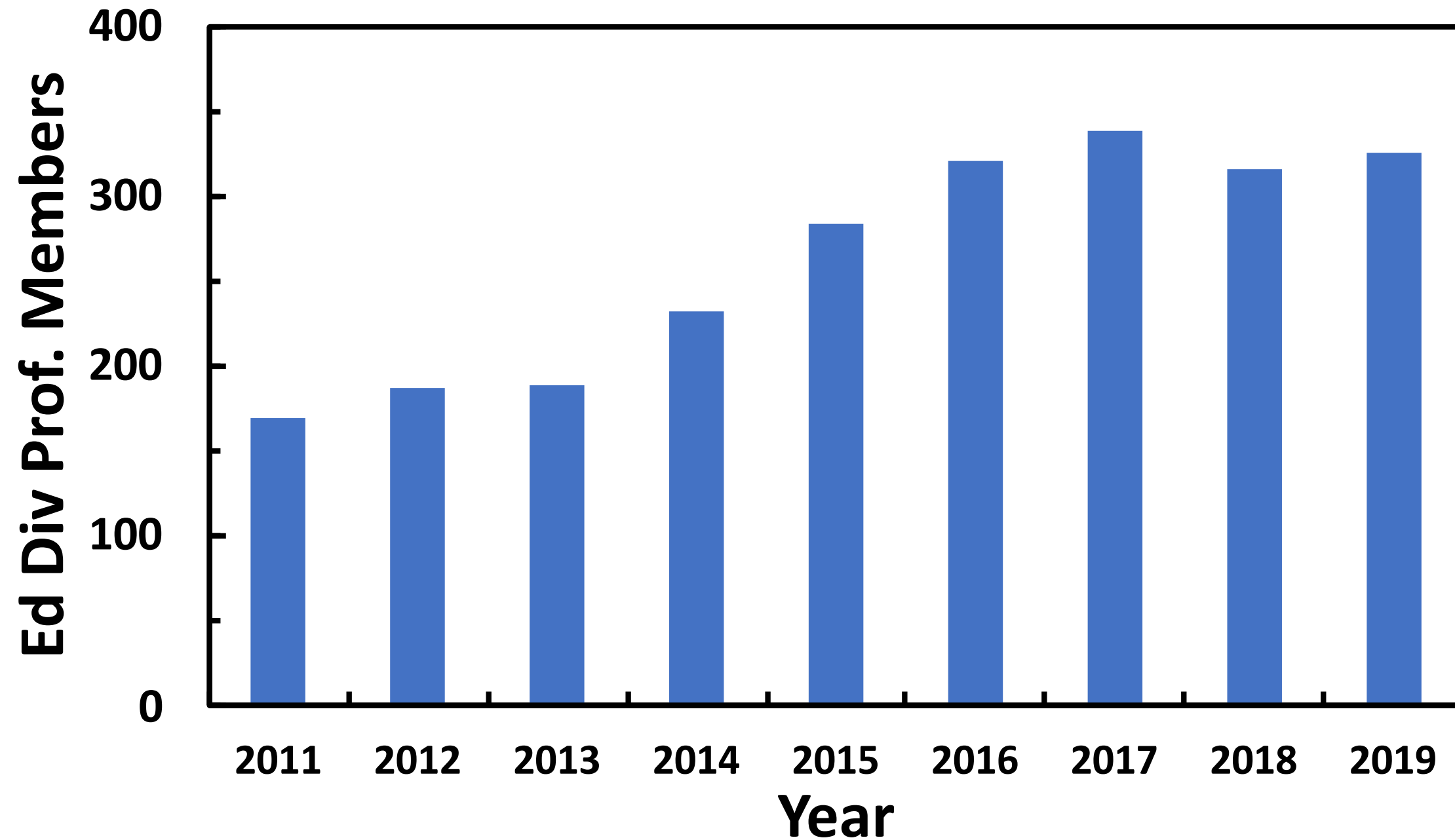
1004 undergraduate student members (36% USA/64% International)

288 freshmen, 245 sophomores, 325 juniors, 146 seniors

Join by phone 1-800-242-4363 or ONLINE (use the business cards)

Priscilla Hill, Jonathan Verrett, Rachel Morrish

Membership growing???



Business Cards And Brochures



AIChE
Education Division

The Education Division's mission is
the education of chemical engineers.



Join the Education Division
\$7 per year



EdDiv
Education Division
An AIChE Community

JOIN YOUR TECHNICAL HOME
EDUCATION DIVISION OF AIChE

Connect with like-minded colleagues and take
advantage of all AIChE has to offer.

AIChE
The Global Home of Chemical Engineers
aiche.org/joinEdDiv

Goal: At least 1 member in every ABET accredited department

Benefits of EdDiv Membership

Networking at the Annual Meeting and EdDiv Dinner

Learning new education approaches via sessions and webinars

Impacting the chemical engineering education community through presentations and programming at Annual Meeting sessions, course surveys, and the AIChE Education Division Concept Warehouse

Encouraging the development of future faculty through the Future Faculty Mentoring Program

Supporting the recognition of engineering education excellence through awards

Serving as division session chairs and officers and volunteering for other division activities to develop leadership skills

Please submit feedback for continuous improvement

2019 Program Highlights

Thank you to our ~50 session chairs and moderators!

We had 100 papers accepted to oral sessions, 32 invited talks, and 17 posters!

23 sponsored sessions + 12 co-sponsored sessions

Great sessions remain tomorrow

Looking ahead to 2020

2020 Spring Meeting & 16th Global Congress on Process Safety

March 29th to April 2nd in Houston, TX

No Ed Div programming

2020 Annual Meeting

November 15th to 20th in San Francisco, CA

If interested in chairing a session,
contact: Daniel.Lepek@cooper.edu



Programming meeting was earlier today

Course Survey

2019-20 Survey = First-year experience (79 programs responding)

Presentation Wednesday 11/13 afternoon (3:30 in room Bayhill 23)

2020-21 Survey Potential Topics:

Considering a separate survey on Fluid Mechanics or Heat Transfer or Mass Transfer (in addition to the previous “transport” survey)

Continue looping through the previous topics

Janie Brennan, Jennifer Cole, Kevin Dahm, Laura Ford (chair), Marnie Jamieson, Lucas Landherr, David Silverstein, Steve Theil, Bruce Vaughen, Margot Vigeant, Christy Wheeler-West

Future Faculty Mentoring Program

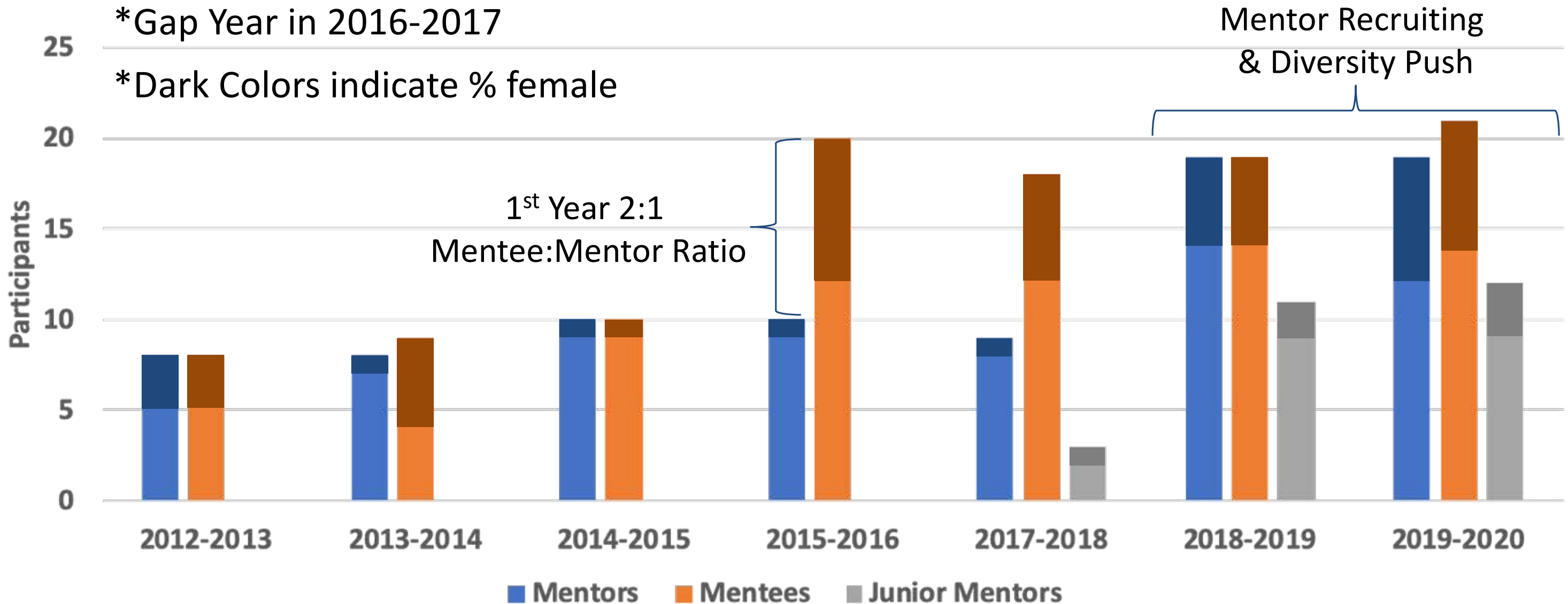
Mentees: Advertised to the Meet the Faculty Candidate pool
30 applicants (54 last year); 8 female applicants (6 last year)

Mentors: Advertised to Ed Div, Dept. Chairs, Women's
Initiatives Committee, past mentor/mentees, and Twitter
(including retweets by AIChE and WIC)

11 Female Mentors/Junior Mentors (6 last year)

2019-2020 Cohort: 21 Mentees (up from 18), 19 mentors, 12
junior mentors

Future Faculty Mentoring Program



Dan Burkey (2017-Current)

Web page simple, functional

The screenshot displays the AIChE Education Division (EDU) website. The top navigation bar includes a home icon and the text "Education Division (EDU)". Below this, the AIChE logo is prominently displayed. A sidebar on the left contains a vertical list of navigation links: Home, About and Join, Leadership, Awards, Course Surveys, Future Faculty Programs, Other Resources, Membership, Files, and Academy Videos. At the bottom of the sidebar is a "Post Content" button with a plus icon. Below the sidebar is a "Translate this page" section with a language selection dropdown menu showing flags for English, French, German, and Spanish. The main content area features a title "Education Division (EDU)" with "View", "Edit", "Group Content", and "Group Menu" buttons above it. A featured image shows a tablet, a smartphone, and an open book on a wooden surface. Below the image is a social sharing bar with icons for LinkedIn, Facebook, Google+, Twitter, WhatsApp, and Email. The main article is titled "Improving the Quality of Chemical Engineering Education" and includes a short paragraph of text and a "Learn more" link with a right-pointing arrow. At the bottom of the page, there is an "Announcements" section with the heading "October 2018 EdDiv Announcements".

Matt Liberatore, Katie Cadwell

Ed Div Webinars

7 completed to date

Live attendance 10-35/session

98 views total of archived webinars

Archived at aiche.org/academy

Always free for Ed Div members

Looking for volunteers!

Contact sciston@berkeley.edu

Shannon Ciston, Daniel Lepek

New Webinars Coming Soon!



Diversity and Inclusion in ChemE

Stephanie Farrell
Date TBD



Launching a Study Abroad Course

Amber Genau
Date TBD

Interdisciplinary Computational Skills

Ashlee Ford Versypt
December 12, 2019
3:00 pm Eastern



1 award in 2019

Award for Innovation in Chemical Engineering Education

Peter Ludovice



Polly Piergiiovanni, Daniel Lepek, Taryn Bayles, Laura Ford

Two great sponsors in 2019

AIChE Education
Division

Assistance with the Education Division Dinner



Education Division Award for Innovation in Chemical Engineering Education

zyBooks
A Wiley Brand

The logo for zyBooks consists of the word "zyBooks" in a bold, orange, sans-serif font. Below it, the text "A Wiley Brand" is written in a smaller, grey, sans-serif font.

Two groups, one community



Memorandum of understanding signed



ASEE/AICHE SUMMMER SCHOOL



COLORADO SCHOOL OF MINES
GOLDEN, COLORADO
JULY 25-30, 2021



Other items

Institute Update – Gina Gatto and Sean Liu

Special Thanks

Outgoing Officer Taryn Bayles

New Business

Watch for CEP Bundles...

The floor is open

Please Join Us for the Ed Div Dinner!

Ticketed event

Venue is <10 min walk (0.5 mile):

Maggiano's Little Italy

9101 International Drive

Orlando, FL 32819