

Chemical and Biomedical Engineering Industry Advisory Board Meeting
Friday April 10th, 2026
EERB 301

Breakfast/Coffee

8:15 – 9:00

Minutes Approval

9:00 – 9:10

Outreach & Recruiting

9:10 – 9:25 Paige Brimley (Instructional Assistant Professor)

Experiential Learning Discussion

9:25 AM – 9:45 Ian Hammontree (Assistant Lecturer)

Break (Recommended Visit to Atrium)

9:45 – 10:00

Department Updates and Discussion

10:00 – 10:30 Vladimir Alvarado (Professor and Interim Department Head)

CEPS Leadership Q & A

10:30 – 11:00 Dean Daniel Dale Q&A Session

Break

11:00 – 11:15

New Faculty Member Presentation

11:15 – 12:00 Hoon Choi (Assistant Professor)

Lunch

12:00 – 1:00

Professor Bagley's Retirement

1:00 – 1:15 David Bagley (Professor and Associate Provost) – Retirement

Board Administration Business

1:15 – 3:00 IAB Leadership Discussion
Feedback to the Department
Fall 2026 Meeting Planning

ADJOURN

IAB Teams Channel?

Michael & Dan will continue to expand process control.

Minutes approved!

Agenda approved as amended.

1. Shortened agenda to allow people travel time – updated from 8 - 5 schedule to 9 - 3:30.
2. Presentation from Paige Brimley – Recruiting process.
 - a. Ian & Paige are decreasing their teaching loads so they can focus on marketing and outreach.
 - b. Hands on modules in K-12 w/ field trip.
 - c. Visit schools in the region.
 - d. Assist with events such as competitions and new student days.
 - e. Focus on recruitment for undergraduate students.
 - i. Continue to develop modules.
 - ii. Scaling classroom visits.
 - iii. Participate in big events through UW.
 - f. Can we have high school interns/volunteers over the summer?
 - g. Ask for board funding to help with materials for modules.
 - i. Invite board members to visit classes.
 - ii. Ideas to build modules to tie into industry needs.
 - h. Current focus: Northern Colorado and Wyoming – Board suggests looking at Nebraska.
 - i. Sponsor an award for regional competitions.
3. Presentation from Hoon Choi on rare earth materials and separation.
4. Watch New Student Days event in EERB atrium.
5. Important research for USA as currently most materials come from China.
6. Department head update – personnel – Judd Larson: Unit Operations Lab-focused. Hoon Choi joined later in the semester.
 - a. Faculty search with SER choice pending.
 - b. David Bagley is retiring.
 - c. Roberta Sabino.
7. Board Suggestion: Work with Chemistry about minor.
 - a. Students and Randy in Utah at conference.
 - b. Enrollment has been declining since announcement UW was getting rid of CBE. But we are plateauing and we should start to see some increase.
 - i. Agreement with NAIT in Canada – 2 years in Canada and finish here.

- c. ABET 2027 – Can't make big changes until review is complete.
- 8. Dean's Update: Career fair significant increase in student participation.
 - a. New president.
 - b. New Student Days and Success.
 - c. College enrollment down – mostly in computer science. It's a national trend.
 - d. Legislature Funding: We received funding for MASL lab and advanced materials, Geology look for braces of gold, lead, silver, and such. The lab money did not come with staff funding. Did include raises for current staff.
 - e. Possible further collaboration to run NCAR – depending on national funding.
 - f. Dean cannot have permanent placement until after lawsuit has been resolved.
 - g. \$12,000 to each unit to help with recruiting.
 - h. Giving endowed funds to support students on campus internships in Engineering and Physical Sciences.
 - i. Working through requirements for NAIT and SAIT regarding Math, Chemistry, and Physics. Not the same level required as at UW. There are 9 coming this Fall.
- 9. Funding and Scholarships: UW policy doesn't allow stacking, so giving a student a scholarship can sometimes take money away. Committee is working to address this.
 - a. Summer Programs: See if Chemical Engineering can get into talk to the students and teachers' versions.
- 10. Using endowment for recruiting – needs to be sustained over several years no matter who is Department Head.
- 11. We have a lot of ideas on improving programs, but we need to know what gap in industry that we should focus on – **Process Controls!**
 - a. Focus on experiential learning earlier in college courses.
 - b. Process control certificate? 9-12 credits, online.
- 12. Exit Survey Department created and proctored.
 - a. How would we implement this?
 - b. What format would it take?
 - c. What information do we want?
- 13. Get industry to tell students what skills they need, maybe a short video to share with students and have on our website.
- 14. Social Media – Instagram and TikTok to reach the right audience.
- 15. Suggestion: For recruitment after asynchronous – at a minimum, record classes for students to refer to later.

16. Learning from YouTube – How to's for car, device, and utility repair are how many people are learning nowadays.
17. Learn about SER next meeting – brief summary.
 - a. Make sure to do introductions!
 - b. Create TEAMS channel for IAB.
 - c. Determine what you want in IAB candidate replacement.
 - d. Need to fill Vice Chair.
18. 10/2 or 10/9 for next meeting.
19. Dave Bagley retiring – granted Emeritus status and will have an office.