

## Faculty Meeting Minutes (Open Session)

December 2, 2024 | 2:30 - 3:30 pm | Benson Hall, Room 109- ZOOM

Attendance:

Meeting start: 2:30 | Adjourn

### Faculty Present (blank=absent)

Department Chair, James Carothers - Present

Stu Adler		Cole DeForest	P	Elizabeth Nance	SAB		
François Baneyx	P	Hugh Hillhouse		Rene Overney		Daniel Schwartz	P
David Beck	P	Vince Holmberg		Lilo Pozzo	P	Zach Sherman	P
John Berg	P	Samson Jenekhe	SAB	Alex Prybutok	P	Eric Stuve	?
David Bergsman	P	Jorge Marchand	P	Buddy Ratner			
		Shachi Mittal	P	Julie Rorrer	P		

Debbie Carnes	P	Andrea Gleichweith	V	Nicole Minkoff	L	Kelly Thornton	P	STUDENT
Dave Drischell	P	Jacque Hernandez	P	Ro Stastny	P	Jeremiah Wilhelm	P	Acya Ersoy; two students from AVELA; Tata Serebryany, ACES Co-President

### Agenda

- Welcome, Tata Serebryany, ACES Co-President
- Approval of minutes from 11/4 and 11/18 meetings
- Guest speaker: AVELA
- Universal Design for Learning Teaching Tips - Alex Prybutok
- CLOSED SESSION: Prelims, Deforest Group - Cole DeForest

### Welcome, ACES Co-President

- The Association of Chemical Engineering Graduate Students is a fundamental part of the ChemE department. Thank you for joining us today, Tata Serebryany.

### Approval of minutes from 11/4 and 11/18 meetings

- Approval of 11/4 and 11/18 Faculty Meeting Minutes --- Proposed by James Carothers
  - 1<sup>st</sup> motion: Alex Prybutok
  - 2nd: Dan Schwartz
  - FMM for 11/4 and 11/18 are approved!

### AVELA Guest Speakers

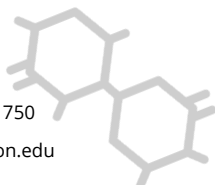
- Two students from the group AVELA (A Vision for Engineering Literacy & Access)

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joined the FM and shared the impact of the work AVELA is doing. (see slide deck for more details)

- **REPRESENTATION**  
Represent the race, ethnicity, or community of students we support in a culturally responsive manner
- **ADAPTATION**  
Co-create STEM content catered to the expressed interests of the students, teachers, and/or families that we are supporting
- **UBUNTU: Humanity towards others**  
Empower URM students to support their own communities & neighborhoods
- This was also a pitch to get professors and graduate students involved in the program – creating a wider range of scientific intersections across campus and across the AVELA community.

### **Universal Design for Learning --- 12/2 Tip (Prybutok)**

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- Discuss the real-world, human impact of engineering (connect engineering to social context and justice)
  - Goal: Connect course topics to human communities they impact, including those of varying identities, and teach students to consider equity as part of engineering decision making
  - Method: For problems with real-world contexts, also discuss the human contexts (ex: HeLa cell acquisition, or Ozone layer depletion and how policy helped)
  - Implementation: class discussions, open-ended homework questions as follow up to technical aspects, design problems (CEE paper from my time on NU ARDEI Committee)

### **Closed Session – Outcome of Graduate Student Preliminary Exams**

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Faculty meeting adjourned at 3:30pm  
Submitted by Jeremiah Wilhelm