

## Faculty Meeting Minutes (Open session)

October 12, 2020 | 3:45 – 4:45 pm | Benson Hall, Room 109- ZOOM

Attendance:

Meeting start: 3:45 | Adjourn 4:35

### Faculty Present (blank=absent)

Department Chair, Jim Pfaendtner - Present

Stu Adler	David Bergsman	P	Hugh Hillhouse	P	Elizabeth Nance	P	Eric Stuve	P	
Graham Allan	Kyle Caldwell	P	Vince Holmberg	P	Rene Overney	P	Stephanie Valleau	P	
François Baneyx	James Carothers		Samson Jenekhe	P	Lilo Pozzo	P	Neda Bagheri		
David Beck	P	Chad Curtis	P	Mary Lidstrom		Buddy Ratner		Cao Guozhong	
John Berg	P	Cole DeForest	P	Jun Liu	P	Daniel Schwartz	P	Jonathan Posner	P

### Others Present

Debbie Carnes	Lindsey Doermann	Andrea Gleichweith	Nicole Minkoff	Chelsea Yates
Nicole Devine	Dave Drischell	Jonathan Liu	James Urton	

## Agenda

- Announcements and new business (Jim Pfaendtner)
- Faculty search and cluster hire (Elizabeth Nance, Lilo Pozzo, and Jonathan Liu)
- UW News/COE Marketing collaboration (Chelsea Yates, James Upton, and Lindsey Doermann)

## Announcements and new business (Jim)

There are no voting items today.

### Announcements:

- Greg Newbloom (PhD, Pozzo group) was selected for AIChE 35 under 35
- Sam Jenekhe received the American Physical Society 2021 Polymer Physics Prize
- David Bergsman received a grant from the Semiconductor Research Corporation

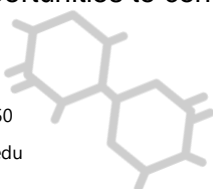
An announcement regarding Winter quarter classes will be coming soon, time schedule will be released then too. Jim and Dan Ratner are available to answer any questions or concerns about what is happening now or for Winter quarter.

Lilo asked if there is a recurring Zoom invitation for seminars so they can be entered in calendars. Elizabeth answered that it is in process and coming soon.

Lilo asked what happens if Winter Q is online, but Spring Q is in person, will students be expected to come back for just Spring quarter? Jim replied that it is unknown.

The floor was opened for any other announcements.

Jonathan Posner noted that he is now on the Population Health Initiative executive council. If people want to connect or find opportunities to contribute there, contact him. Jim said that it



would be great to have a presentation to the ChemE faculty about the initiative and what its goals are, and what are the ways to collaborate and participate.

### **Faculty search and cluster hire (Nance, Pozzo, and Jonathan Liu)**

Jonathan discussed the cross-campus team that is involved in this effort.

The faculty search long interviews and initial “visits” will be online/zoom this year - so very different format and structure needs to be considered.

Jonathan gave an overview of the cluster hire, which emphasizes “High-throughput biomedical imaging and big-data analysis”. There is a need on campus for big-data analysis, more people are needed with formal training in this.

For funding opportunities and center grants, tying clinical infrastructure into a translational focus would make sense. This ties into population health as well, in an effort to mitigate healthcare disparities, to look at population specific data sets to provide more personalized care for underserved populations. All of which could be a way to distinguish the group.

The core team is comprised of people from different engineering departments and clinics on campus, including Elizabeth. Want to form the cluster hire to serve as a catalyst to bring people together, there is a lot of expertise already but this opportunity will bind people together and help to compete for larger sources of money.

Jonathan discussed the metrics for success over different time frames, including incorporating new hires into grants, establishing new courses taught by new hires, collaborative grants, and eventually becoming an internationally recognized center of excellence at UW.

From discussions with Elizabeth and Lilo, Jonathan said a user of imaging technology with an interest in big data and image processing would fit.

Jonathan opened the floor for discussion.

Jim asked about the process for the hire. Does anyone who fits within this space who comes to an interview qualify? Jonathan said this is up for more discussion. If ChemE has good candidates who fit this cluster it would be great, but he encouraged casting a wide net. Maybe have 2 pools internally, one that is known to fit in the cluster and another that ChemE is interested in as a department. Discussion of whether ChemE will have 1 or 2 hires, it has not been determined yet.

Jun Liu asked which major universities are our competition. Jonathan said Case Western has a pioneer in this area, they would be a good model. UW Medical School is trying to set up an AI institute. Some synergy between the cluster hire and what medical school is doing.

To be competitive, try to move quickly, as many major universities are moving into this area.

Elizabeth said that some of the ChemE seminar speakers and DYSS speakers are good examples of who would be candidates.

Cole DeForest asked if we are reaching out to those people and letting them know about the opportunity, Elizabeth said yes and asked faculty to disseminate broadly on twitter to do targeted recruitment.

Dan Schwartz mentioned several areas from which candidates could come, have faculty discussed the type of candidate they are most enthused about, what is the committee thinking about? Elizabeth replied that the committee hasn't met yet. An ad was just approved and went live Thursday October 10, 2020, Andrea replied that there have been 15 applicants so far. Elizabeth said they want to look at candidates who align with the teaching needs of the department. Lilo encouraged faculty to reach out to potential candidates.

Jim suggested that at the video interview stage, a question should be asked about their genuine interest in being in UW ChemE. It is a necessary but not sufficient requirement to get hired in the department.

Jonathan asked if there are specific teaching areas where we want to hire. Jim replied that the hire must be teaching in the core undergraduate curriculum as part of their tenure track process.

Jim asked if there as anything else they could do as a faculty to support this effort or information Jonathan would like from the rest of the group not on the committee. Jonathan said he will provide a high-level vision for what we are trying to do.

Jim asked people to send feedback and comment to Elizabeth and Lilo. They will do a mock interview schedule and review it with faculty later this quarter.

Jonathan Liu left the meeting.

### **UW News/COE Marketing collaboration (Yates, Upton, and Doermann)**

Chelsea Yates's presentation noted that she, James Upton, and Lindsey Doermann work in different but overlapping areas of communication, and share the goal of getting out the word about engineering research and impacts.

ChemE has a full-time communications manager in Lindsey, not all units in the college do. She is a resource for marketing and communications questions. They work closely together to find the best way to get the message out about research and news

Chelsea provided the following PDF that has details about working with UW news, COE story-telling team, and ChemE marketing:

<https://drive.google.com/file/d/1A64vQk-3GNQUPqWcpibgYm-4o6m6wp4F/view>

James discussed how UW News can publicize your research and connect you with media.

Chelsea said they are always looking for story pitches, especially having to do with interesting student stories, unique research and teaching stories public Impact, engineering for good, innovation, and stories that highlight college-wide collaborations. See PDF.

Lindsey discussed how she updates the ChemE website and manages the twitter account. Let Lindsey know if you have stories to share.

David Bergsman asked what is the timeframe of when to contact them for a story. James replied that earlier is better, even if for example a journal article isn't published yet, 3-4 weeks if possible. Contact them before the news comes out in a journal or at a conference.

Jun Liu asked about getting approval from a sponsor before publishing anything. Chelsea replied that they work closely with involved parties so they do not publish before it is appropriate. Jun asked about sensitivity issues regarding government-sponsored research. Chelsea said they can work with you if the messaging needs to be approved or they need to be notified. It is decided on a case-by-case basis.

Jim pointed out that Jun has academic freedom to report on his research as he wants as a UW professor. It is different at PNNL in terms of what needs to get approved. The communications team will rely on you to understand what restrictions might be in place in collaborative projects.

Dan added that there may be grants that have certain periods for review written into the. It is the PI's responsibility to know this. UW won't sign anything that doesn't give you the right to do anything that you want with your information.

Jim asked if there were any other items to discuss.

Meeting was adjourned at 4:35pm.