

JEAC  
Draft Notes

**Friday, November 9, 2018**  
**Noon – 1:30 pm**

UAA College of Engineering and Industry Building – 4<sup>th</sup> Floor conference room  
Videoconferenced from UAF CEM

**866-832-7806; Participant PIN: 1902762**

**Roll Call**

- Richard Reich
- Chantal Walsh (teleconference)
- Corri Feige (teleconference)
- Marc Luiken (teleconference)
- CEM Dean Goering (video conference)
- INE Director Bill Schnabel (video conference)
- Interim CoE Dean Kenrick Mock
- Ann Ringstad
- Virginia Groeschel (excused)
- Bruce Davison (excused)
- Steve Weaver (excused)

**Review and Approval of Meeting notes from October 5 JEAC meeting**

- No comments from members. Chair recommends we approve minutes.

Review of **JEAC mission** (See: *AlaskaNeedsEngineers.com*)

- **Advocacy**
- **Outreach**
- **Increasing enrollment and revenue**
- Industry charges:
  - Energy (Oil, Gas, and Renewables) – Chantal and Ty
  - Mining – Bryan and Richard
  - Technology (Telecom and IT) - *Alex*
  - Transportation (Roads, Aviation, (Ports)) - *Virginia*
  - Government – (Facilities and Infrastructure; *Utilities*) - *Steve, Richard*
  - Other Market Sectors – Vertical Construction, Fisheries, forestry, etc.
- Review of progress on industry charges
- Purpose to give talking points in various meetings to support Engineering at UA. Outreach ahead. We need to be prepared for the new year in this regard.

Dean Goering –

- BOR approved budget request yesterday. \$31M increase request from last years' base, (one-time money). Back at the level we were at 2014.
- Discussion about Gov. -elect Dunleavy. His daughters worked at RedDog mine. Consider getting on his agenda to brief him on resource development.

Marc Luiken – Tuckerman Babcock is lead; Kristy Babcock does scheduling – Transition team chaired by Dan Saddler. Dean expects new governor will set up transition council/team to address each issue. Let's get someone on this group.

Consider UA take – we need to coordinate with UA on this effort.

JEAC is the best group to do the outreach. Give UA President, Paul Layer, Michelle Rizk, Chancellor a 'heads up' JEAC is working on this effort for engineering education.

Dean Goering – We could get a reasonably warm reception because of interest in resource development.

To Do:

Reach out to UA re: meeting request

Work on one-pager draft for talking points – broad and generic

Dean Goering – add Utilities to White paper sectors re: Government sector

Corri – Utilities discussion about unified grid again – **Richard asked Corri to forward it to him; Railbelt energy grid management is a topic**

Power, engineering, EE, management as well.

Corri Feige – Next survey

- Momentum is good to survey folks re: hiring of engineering over the next (two) years; skill sets; list 2-3 key skill sets industries are looking for in key positions.
- Timing – First of December – HR departments; key engineering contacts
- Kenrick ok'ed survey machine at UA – Jackie Schriener worked with it before.
- Dean Goering – could be incorporated in email message for immediate response.
- Corri has list – will expand to HR personnel
- Corri will work on email message and share with JEAC for suggestions/review
- With the new administration and legislative session coming up, please respond by December 1 so we can use this data in our advocacy efforts to support engineering education in 2019.

**Journal of Commerce; ADN articles re: worker shortage can be tied in re: mining, oil and gas. Help us with this information so we can effectively advocate.**

Dean Goering – In addition to advocating at the legislative level, we need to revamp our efforts to talking with students to encourage students to consider the future of oil and gas industry opportunities in Alaska. We need to ramp up now. (Lost 170 PE students this year). Industry leaders can give students a 'heads up' re: oil and gas sector; mining. If there a rebound coming, we need to get that message out.

Interim CoE Dean Kenrick Mock – Computer science is one of the biggest programs at UAA CoE. He will suggest candidates for the UAA COEAB. It would be great to have someone identified to address computer science needs, as well as help the JEAC with the White Paper in this regard.

Dean Goering – consider appointing someone from the IT telecom industry (Greg Chapados?)

Dean Goering – Has agreed to continue in p/t until the end of the calendar year. Dean search is ongoing. Two candidates have presented; two more to go. The UAF Provost will try to move forward by the end of November. Candidates will need to be evaluated by the search committee. Information on all four candidates has been provided to the JEAC for review.

Jake Loud is representing the CEMADC on the search committee.

Interim Dean Kenrick Mock –

- Dean search coming up. The provost would like to have the search happen soon, but it is too early for any details. Surveying faculty re: qualities of dean; First of January as a start to the search is possible.
- Accelerated masters in CE was approved. (one-year program) Tuition waiver dollars will be put into the program to jump start it.
- Shared courses; Dean Mock is teaching one next semester re: recorded video. Experimenting with format.

Dean Goering – CS programs on both campuses have been more active on sharing courses. Thank you for your work. We were short on faculty, and it has worked for us to share the courses/faculty to make it work.

Richard Reich – Change is an opportunity; Thanks to Dean Goering for his long-term service as a Dean. The collaborative relationship between UAA and UAF engineering colleges has been tremendous. It's now a great opportunity to take this to a new level in 2019. Collaboration work should continue. This has been a tremendous effort over the years.

We have been able to set a great example to set the bar at all levels.

#### **Next meeting:**

**Friday, December 7 at 9:30 am immediately following the UAA CoEAB meeting**

- **executive summary due next meeting. Let members know.**
- **We need to be ready to go in December with our overview/advocacy.**

Adjourned 12:55 pm

- UA Budget Timeline - calendar to be shared at December 7 meeting