

Meeting Minutes  
AIChE Education Division Board Teleconference  
Thursday, February 9, 2012  
3:00 PM EDT

Participants: Don Visco, Bette Lawler, Ben Davis, Fred Justice, John O'Connell, Jason Keith, Taryn Bayles, Milo Koretsky

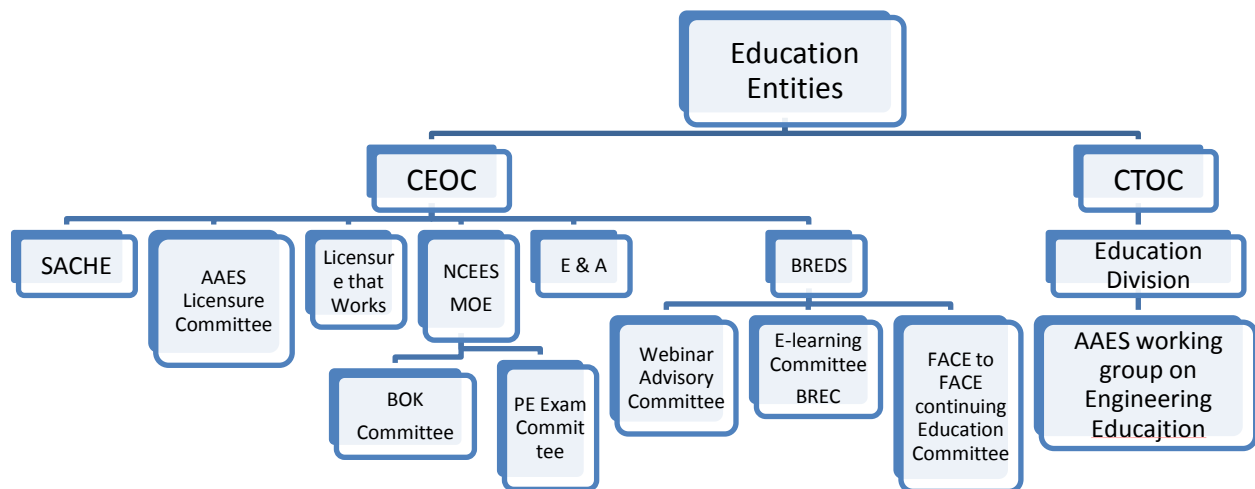
I. Opportunities for Education Division in the Institute (Visco/Lawler)

- Visco has talked with Scott Fogler about this; Fogler spoke of there being a continuing education council. It is already approved at the Institute level (according to Bette Lawler) and there are three areas associated with it: E-learning, face-to-face, and webinars. They want to find industry needs associated with continuing education and found that most large companies have in-house training to cover this. They didn't get a lot of feedback from smaller/mid-size companies. The council needs a representative from the Education Division to be on committee and Fogler has already identified the Education Division Chair to serve on this committee
- Bette Lawler says that the Blue Ribbon Committee worked on the problem of getting these three areas of training connected in AIChE. This council would guide the three areas and identify "gap areas" which aren't being covered. It is 7-10 people meeting four or so times a year to hear what's going on in the three areas and to follow up with recommendations. The feeling is that the Education Division should be involved in that group.
- Visco talked about the "book of knowledge" (BoK): it's called "body of knowledge" in civil engineering and has 24 outcomes associated with CE graduates. It encompasses foundational, technical, and professional knowledge that CEs should have. There has been some work done on BoK in chemical engineering via the Institute, but CEOC wants to hand it over to the Education Division.
- Lawler says the question is open as to whether this is of value to ChE. She will get a copy of what was being discussed and send it out to the Education Division Board
- John O'Connell says that if BoK is to be done right, it will take a significant effort, but that it makes sense for it to be under the purview of the Education Division
- Milo Koretsky says that there's a national research council workshop which just occurred about "Assessing 21<sup>st</sup> Century Skills" (2011) – we should keep their work in mind.
- O'Connell says that this work was mostly about assessment, not content, but that it's still relevant. Three areas: technical/cognitive skills (classically addressed), interpersonal skills, and intrapersonal skills. He asks if there has been mention of how we address the last two. Lawler says not that she's aware of. Koretsky says that the last two are better indicators of success.
- Final interaction to consider – AIChE wants to put together a request for proposals (RFP) for preparation for FE/PE exam. Helping to review the

submissions could be something that the Education Division could help with.

Lawler says the RFP is already written and she will send it out to the Education Division Board. O'Connell asks if AIChE thinks this will be a revenue stream for the institute and Visco says the answer is yes. Lawler says that they've implemented a lot of E-learning courses in the last month, there seems to be a lot of demand. There is a lot of competition for these services, however.

- Lawler, when invited on as Education Division liaison, looked at where the division can fit within AIChE. It seems to her that the entities below may or may not have something to do with the division. Two operating councils have education entities – CTOC and CEOC with various arms related to education. PowerPoint slides give the organization of the possible entities:



- Continuing education, webinars, and face-to-face continuing education are fits
- Directors or volunteers from other societies often contact Lawler about things like the AAES working group on engineering education, international groups asking for AIChE feedback, etc. These groups meet, have teleconferences, etc. Should the Education Division be involved, or the AIChE International Committee? Visco says that this international item should go to the AIChE International Committee
- Lawler asks if licensure is under the purview of the division and Visco says it's not a top priority.
- Fred Justice says that evidence of continuing education is something that is required, so seeing that our continuing education is accepted for credit is an important role. Also, it's important that the workshops that outside entities offer are accepted for continuing education credit. It's a challenge because the skills required are getting increasingly broad. Lawler says that AIChE is devoting a lot of resources/labor to this and Justice agrees that this is increasingly important.
- Lawler asks if it makes sense for Division to get involved with "Masters or Equivalent" committee – Visco, O'Connell, and Justice don't think so.
- Lawler says that the only one that makes sense to come over to us is the Book of Knowledge; Visco adds that also SACHE should be connected to the Division in some way.

- Justice asks if the Blue Ribbon Committee can mine the Education Division for best practices in how to deliver education. It's agreed that that's a good idea.
- Lawler will send out information to everyone about the RFP for FE/PE prep and the BoK

## II. New Business

- Justice will send out draft of proposal to amend bylaws to Ben Davis so he can send that out to the membership for voting
- No other new business (ended at 3:49 PM)