

Meeting Minutes
AIChE Education Division Board Teleconference
Wednesday, September 5, 2012
2:00 PM EDT

Participants: Don Visco, Ben Davis, Fred Justice, John O'Connell, Taryn Bayles, Milo Koretsky, Anne Schaeffer, David Silverstein

I. Approval of 06/01/12 and 06/08/12 Meeting Minutes (Davis)

Visco sent out the minutes of the 6/1 and 6/8 meetings. The minutes were approved unanimously.

II. Financial Report (Davis)

Current balance is \$3227.79 as of June 2012. All the income has been coming from dues; we have brought in \$308 in dues income this year to date (we had about \$1000 in dues income in 2011).

We have no budget currently. Davis asked for a list of anticipated expenses; the proposal for Awards includes an honorarium and the current proposal for the Future Faculty Mentoring Program includes a budget for lunch. Davis will follow up with O'Connell and Koretsky to get details about their needs.

III. Election Update (Davis)

84 votes total have been cast in the election for Director, with 47% of the current membership responding. Davis is waiting to confirm that the one alternate ballot he received was not a double-vote, but it should not affect the outcome. The polls are still open until tomorrow but a vote hasn't come in a while. Davis or Visco will make an announcement to the list tomorrow when the election is final.

ADDENDUM: Tim Anderson won the election for director. The official count is 48 (Anderson) to 31 (Ludlow), with 6 blanks/abstentions (85 votes total, 47% of the current membership responding). The one alternative ballot received was not a double-vote.

IV. Programming Report (Keith)

Keith was not present for this report.

ADDENDUM: The program is all set for the 2012 annual meeting. The call for papers for the spring meeting closes on October 26 – there is one session. A request has been made for the division business meeting and programming meeting and the ASEE Executive Committee meeting to be part of the ancillary program.

V. Future Faculty Committee Report/Proposal (Koretsky)

Any feedback about the proposal would be appreciated. We are targeting for 8 Ph.D. students to be mentored by 8 Education Division member faculty. We are asking for more extensive application information this year, as outlined in the proposal. The mentors should apply and hopefully we will have more potential mentors than mentees in order to “match” properly. The “kickoff event” would be on Sunday of the Annual Meeting. The goal is for the pair to develop a research proposal and interact at least once a month. Davis asked what sort of deliverable at the end we are looking for. Koretsky says a brief report at the following annual meeting would be good. Justice asked why the mentors would be Education Division members. Koretsky explains that we would like to find mentors who would talk about the scholarship of education and we would like the Ph.D. students to become division members. Visco says that we should be providing value for the division by this program; if we need to go external, we can. O’Connell approves of the idea because these pairs do not happen without programs like this. Koretsky points out that an important part of the program is checking in on the pairs often to make sure the relationship is thriving. Davis asked how the pairs would be constructed. Koretsky that the 8 best mentees should be picked and then hopefully a holistic assessment would be made for which mentor would be assigned. Visco mentioned that finding a person in their research field is also advantageous. Davis suggested that finding pairs could be done by the potential mentors suggesting which of the 8 selected mentees they match with best. O’Connell adds that this pairing is done among the AIChE Fellows and it’s complicated. Koretsky suggests that we do the program “ad hoc” this year in order to learn how to improve it going forward. The proposal was moved to the board by Visco and seconded. It was approved unanimously.

VI. Membership Report (Justice)

As of today the Education Division has 179 members paid and that breaks down to 28 from outside the U.S. and 151 from the U.S. This is up from last time. We have 9 past members who have not renewed; 7 are in the U.S. At the next board meeting, the membership report should come from Christi Patton-Luks with the other committees. We have a great opportunity for growth and we are still growing. We should make sure that we are always advertizing for the division.

VII. Committee/Liaison Updates (Bayles)

a. Course Survey (Silverstein)

Visco reports that he believes the survey is proceeding as planned.

b. International (Bayles)

The committee has met and has two co-chairs. We have their mission statement and their objectives; Bayles will send them out for the minutes. They will meet at the annual meeting in Pittsburgh.

ADDENDUM: Information about this committee is attached below:

AIChE

Committee Name: International Committee

Division: Education

Committee Co- Chairs:

Professor Marcel Liauw, RWTH Aachen University

Professor Said AbuBakr, Western Michigan University

Date: July 23, 2012

Introduction

Today engineering and technology is a truly global profession. Information can be digitized and transported anywhere in the world. The analysis and design work can also be performed and sent anywhere in the world to be used. Engineers today have customers and suppliers that are global. Chemical Engineering graduates need to be prepared to work in a global environment so that they can be career-ready.

Mission of the Committee:

- To promote the international aspects of chemical engineering education and profession to reflect the changing chemical engineering profession
- To foster international collaborative discussion on critical international issues of chemical engineering education, the profession, safety and society
- To enrich the mission of the Education Division and to work with AIChE international Committee

Objectives of the Committee:

- Initiate a session at the 2013 AIChE Annual meeting to share information on international aspects of chemical engineering education, research and profession
- Invite funding agencies from the U.S. , European Union, China, Japan, Russia, India, Brazil, Middle East, and other countries to promote international collaborative education and research
- Seek collaborative relationships with similar organizations focusing on Chemical Engineering education in the world to share good practices in safety, sustainability, and biological engineering
- Assess and if appropriate make recommendations regarding how the committee is serving the international charter of the institute

c. K-12 (Bayles)

No update from Zollars. We sent out a request for volunteers for the outreach event at the annual meeting. Davis mentioned that this committee is working with Frank Petrocelli's SIOC committee about the outreach event and other K-12 activities.

d. SACHE (Bayles)

Bayles did not have the name of the SACHE contacts on hand. She will send them to Davis when she gets them.

ADDENDUM: The SACHE contacts are Professor Daniel Crawl of Michigan Tech (crawl@mtu.edu) and/or Professor Tom Spicer of the University of Arkansas (tos@uark.edu).

e. CACHÉ (Bayles)

Bayles contacted the chair and there was no update from this liaison.

f. SCC (Bayles)

Bayles talked with Chuck Coronella for an update on this committee. Coronella mentioned that it would be beneficial to have students attend the regular programming of the annual meeting. We should be trying to raise awareness of this. Coronella hasn't had luck attracting the regular membership to attend the student conference. O'Connell has been organizing the Fellows to be involved with the student conference. He says that Coronella should coordinate with him about that. He also says that students often don't stay at the meeting because they are worried about their classes; there is a generation gap in the meeting events. Getting students to come to the regular meeting is easier than getting older members to come to the student conference. Davis asked if the young professionals activities committee is encouraged to attend the student conference. O'Connell suggests that the SCC should be looking to interact with other groups like this. Davis will send this suggestion to Coronella.

g. Awards (O'Connell)

The final version of the awards proposal has not been sent out yet. Visco will send out the version he has currently to O'Connell, who will then make final changes. It was moved that Visco or O'Connell will send out the final version to the board and the board will vote via E-mail for approval. The motion was seconded and there was no dissent to its approval.

VIII. Other Business

a. Continuing Education Committee (Visco)

The committee was a bit broad in its focus. They will meet to “bring it in” a little bit. Once that happens, Visco will update the board.

b. Book of Knowledge Update (Visco)

The CEOC felt that this would be something that they should be more involved with. They have been working with the division to find someone to chair this committee and Denise Chastain-Knight has agreed to be the BoK Chair. The budget request was for \$15,000 for meetings on the project. David Silverstein will be the division representative on this committee.

c. By-Laws Approval Update (Visco)

The by-laws change has not yet been considered; CTOC did not have a quorum at their last meeting. They plan to bring it up at their next meeting.

IX. New Business

O’Connell mentioned that the Fellows are branching out into having forums about “big issues” such as whether faculty expertise is diverging enough to impact core chemical engineering disciplines. He would like division input on this activity and they would like to find other stakeholders to invite. Visco asked when more information will be available. O’Connell will give it out when he has it.

Visco mentioned that Jessica Eastman will continue on as editor of the newsletter; Davis will help with the oversight of that.