2011 ACCE Industry Advisory Board "Best Practices" Event

Final Report
March 2011

Executive Summary

The second annual ACCE Industry Advisory Board (IAB) "Best Practices" Event was held on Thursday, February 24, 2011 at the ACCE Mid-Year Meeting in Fort Lauderdale, Florida. The IAB event consisted of two main sessions. The morning sessions focused on "meeting industry's needs with curriculum requirements." The afternoon session was dedicated to "developing a high performance IAB." More than forty (40) people participated in the event including 30 industry practitioners and association representatives.

Included in this final report are the following sections:

    Agenda of the Industry Advisory Board (IAB) "Best Practices" Event
    Summary of the Participant Evaluations
    Transcripts of the Round Table Session Notes (morning and afternoon sessions)

Value Statements

The basic objectives of the IAB event were consistent with the mission of the Development Committee, namely, increase ACCE awareness, increase participation in ACCE, and increase ACCE membership. From the perspective of the participants, thirty more industry practitioners and association representatives are more "aware" of ACCE. Concerning participation, approximately two-thirds of the IAB participants attended the Wednesday evening reception and eight (8) attended the Visiting Team training on Friday morning. There is one confirmed IAB participant that is now an ACCE member.

But on a much broader scope, the IAB event has provided an educational venue that can provide:

1.) increased understanding of the role and responsibility of an IAB member.

2.) increased and meaningful industry/association participation at the local IAB level.

3.) increased and more knowledgeable (ACCE standard-wise) industry/association input into curriculum development and course revision.

4.) a network of industry/association professionals who can exchange ideas in an open forum.

Suggestions for the 2012 IAB Event

Based on a two-year track record of the IAB event and informal feedback from the participants and the presenters, it is suggested that the 2012 IAB event should ...

- be held on the first day (Thursday) of the ACCE Mid-Year Meeting (in Phoenix),

- include IAB participants in the (main) ACCE luncheon on Thursday,

- for the Thursday evening dinner plan a less formal venue that encourages socialization and networking, and

- include the host institution (Northern Arizona University) in the planning for the Thursday dinner.

Rationale for the Suggestions

The primary purpose of the IAB event is to educate IAB participants on their role (i.e., best practices) within their IAB as it relates to ACCE. This inherently means interaction between IAB participants and ACCE attendees. If the IAB event is held on the first day of the ACCE Mid-Year Meeting, the opportunity exists for greater interaction.

A "shared" luncheon is suggested in order to build a sense of belonging. IAB participants have been largely isolated from ACCE activities. The joint luncheon would welcome them into the ACCE community and also provide them with an opportunity to "touch base" with their Program Chairs.

The Thursday evening dinner in Fort Lauderdale offered great food in a wonderful setting, but the seating arrangements did not allow for socialization or networking opportunities. "Let's have some fun" was a catch phrase that was often repeated at the Fort Lauderdale meeting. It is suggested that a less formal event could provide an opportunity for "fun" and also greatly increase the social networking to help build long term relationships. Examples of a "fun" event may include, a pool-side BBQ, a visit to a local point of interest (a cultural center), or a spring training ball game. It is strongly recommended that the host institution (Northern Arizona University) be an integral part of the Thursday evening event planning.

Respectfully Submitted,

Charles McIntyre
Carla Sly
Susan Labas
James Hogan
Charlie Roesset

2011 ACCE Industry Advisory Board "Best Practices" Event
AGENDA

February 23, 2011

1:00 pm – 6:00 pm	Registration
6:00 pm – 7:30 pm	Reception

February 24, 2011

7:30 am – 8:00 am — Breakfast

8:00 am – 8:30 am — Call to Order, Greeting and Self Introductions / *Steve Nellis*

ACCE Brief History & Overview / *Mike Holland*

8:30 am – 9:15 am — Importance of Industry to ACCE Accredited Programs

8:30 am – 8:50 am — IAB role from ACCE perspective
ACCE team member (Jim Goddard)
- Assessment Process/Continuous Improvement Process
- Meeting the Needs of Industry
- Expectations of Accreditation Team Visit
- Assessment Visitor Training

8:50 am – 9:10 am — IAB role from a veteran IAB perspective
Guest IAB Activist (Chuck Nielson)
- Curriculum
- Diversity
- Fund Raising
- Recruiting
- Students Activities
- Internships

9:25 am – 9:30 am — Round Table Explanations
- Set up/Objectives/Rules/Topics

9:30 am –10:15 am — Round Table Session 1 – IAB Best Practices
Meshing Industry's Needs with Curriculum Requirements

Table 1	Table 2	Table 3	Table 4	Table 5
Tulio	*James Hogan*	*Charlie*	*Carla*	*Susan Labas*
Sulbaran		*McIntyre*	*Sly*	

10:15 am – 11:00 am — Synthesis, Discussion and Take Home Lessons 1 *Team Scribes/Spokesperson*

11:00 am – 11:30 am — Impact of Higher Education on the Construction Industry
Steve Lords, CPA, CCIFP/Chief Financial Officer/Martin~Harris Construction

12:00 pm – 1:00 pm — Lunch

1:00 pm – 2:00 pm — Round Table Session 2 – Best Practices
Developing a High Performance IAB
Panelists
Moderator: Scott Arias, EKU
TAMU: IAC President Jerry Hoog
TAMU: Program Chair Joe Horlen
CCSU: Program Chair Jacob Kovel
CCSU: IAB Member Bill Wahl
FIU: Program Chair Irtishad Ahmad
FIU: IAB Member David Valdini

2:00 pm – 2:15 pm — Break

2:15 pm – 3:15 pm — Synthesis, Discussion and Take Home Lessons 2
Team Scribes/Spokesperson

3:15 pm – 3:30 pm — Review, Close, Adjourn and Industry Round Table Evaluation
Mike Holland/Steve Nellis

6:00 pm — IAB/Program Chair Dinner & Networking with ACCE Leadership

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Summary of Participant Evaluations

Note: Not all survey participants responded to every question.

1. How did you learn about this event?

ACCE Website	0	0.00%
ACCE Email	8	28.00%
Colleague	5	17.00%
IAB Program Chair	11	38.00%
Academic Program Chair	3	10.00%
Faculty	2	7.00%

2. The starting time was:

Just right	26	100.00%
Too early	0	0.00%
Too late	0	0.00%

3. The length of the program was:

Just right	23	96.00%
Too short	1	4.00%
Too long	0	0.00%

4. Rate Each Presenter:

Presenter	Excellent	Good	Fair	Poor	No Opinion
Steve Nellis	7	16	0	0	2
Mike Holland	7	17	1	0	1
Jim Goddard	7	18	0	0	0
Chuck Nielson	14	8	3	0	0
Steve Lords	7	14	3	0	0
Scot Arias *	12	12	1	0	0
Panelists (Round Table 2) *	8	12	5	0	0

 * Microphone disabled - technical problems impacted ability to hear presenters.

5. Rate the value for you of the following presentations/activities:

Presenter	Excellent	Good	Fair	Poor	No Opinion
History/Overview of ACCE	2	21	0	0	1
IAB Role (ACCE perspective)	11	13	0	0	1
IAB Role (veteran IAB member)	11	14	0	0	1
Round Table 1	9	17	0	0	0
Morning Synthesis	9	16	0	0	0
Impact on Higher Education	7	14	2	0	0
Round Table 2	10	12	3	0	0
Afternoon Synthesis	10	14	1	0	0

6. Would you attend a similar event at a future ACCE meeting?

Definitely	16	62.00%
Probably	10	38.00%
Probably Not	0	0.00%
Definitely Not	0	0.00%
No Opinion	0	0.00%

7. Was the overall program beneficial to you?

Yes, a great benefit	10	38.00%
Yes, a good benefit	16	62.00%
Don't know yet	0	0.00%
Not really	0	0.00%
Definitely not	0	0.00%

8. Did you attend the reception on Wednesday evening?

Yes	15	60.00%
No	10	40.00%

9. Do you plan to attend the dinner this evening?

Yes	19	73.00%
No	4	15.00%
Maybe	3	12.00%

10. Which of the following most closely describes your field of employment?

Contractor	17
Manufacturer or Supplier	1
Faculty	1
Academic Administration	0
Association	1
Retired, Academic	0
Retired, Industry	1
Retired, Association	0
Construction Manager	2

11. Please share any other feedback you have about today's event.

Very a good session.

Topics are improved from the New Mexico session.

More time for IAB members to share information with others.

Attended last years event and my Chair and myself never received Round Table recap

Panelists (afternoon) should have reps from schools that had more mature IAB's to share best practices. A&M had great ideas. Maybe other "big" schools share as well.

Best practices survey, like last year, might be helpful for first time attendees.

Lunch (hotel issue): Lunch could have been improved. The meal was lukewarm and no coffee was served with dessert (and no water on the table).

Nice padfolios.

Panel could have had stronger/more experienced IAB/faculty. Texas A&M was great.

Must receive this information back - who is taking notes?

ACCE should establish a moderated forum/blog on the ACCE website for IAB's

Panelists should be of similar size (too varied to compare).

Please moderate the LinkIn site.

When will I receive last years content?

Great job!

Sample by-laws and stats on other program IAB's is very helpful for benchmarking and developing best practices for our IAB.

Want more specific information on what other IAB's do for their programs.

Another informative session. Please send us the material. Hope you continue next year.

Transcripts of the Round Table Session Notes

Round Table Session 1 Notes

Question 1: How can we help prepare students for success?

Table 1 Relevancy - bring industry to classroom. Keep up with owner demands.

Table 2 Provide tools to succeed including technical background, practical experience, and leadership development.

Table 3 Leadership skills involvement. Top 20% students option for the 3 credit class taught by industry (selection includes student chapter involvement, GPA, etc.)

Table 4 "Communication" - written and verbal.
"Construction" - Business practices - risk management - negotiation - business start up.

Table 5 Hands on industry involvement with students. To apply the curriculum to the industry workshops.

Table 6 Resume reviews at Career Fairs, review curriculum, provide feedback, surveys to undergrad and grad students, hands on labs.

Table 7 Maintain University balanced focus on research and industry experience for teachers.
Advocate to the University President and Provost by industry leaders and donors.
The obligation and importance to the University to maintain balance of research and teaching in preparation for industry.

Table 8 Technology - based o core contractor software programs.
Problem Solving - local firms present "real world problems - apply problems to current curriculum.
Communication - with contractors.
Fundamental Business Writing as it applies to Construction.

Question 2: What are the key skills you look for? Rank in importance for first year success on the job.

Table 1 Well rounded - self starter - hit the ground running - soft skills / leadership - doing extra curricular activities.

Table 2 Self started - good verbal and written communication skills - previous experience.

Table 3 Extensive community involvement - Ethics (materials, F.A.R., contracts, costs) - Finance ($ complete).

Table 4 No Comments.

Table 5 Skill of Communication - Industry and General Business Sense - Cross Training - Good work ethic - multitasking.

Table 6 Communication skills, work ethic, dispute/conflict resolution.

Table 7 Communication - Team Leadership - Entrepreneurship

Table 8 Diversity - different backgrounds
Documentation/Communication
Have Completed Comprehensive Project (Capstone course)

Presentation Skills
Analytical - critical thinking skills
Negotiation Skill
Understanding Their Age - transmitting their new ideas.

Question 3: How can industry expand students' practical experiences?

Table 1 Coop/mentoring/shadowing, guest lecturers, field trips (liability an obstacle), what certificates are of value to the industry.

Table 2 Internships - broad base intense process with varying responsibilities.

Table 3 Internship - work experience - special projects - industry leaders.

Table 4 Innovation Trends - LEED, LEAN, and BIM

Table 5 Internships - field/job tours - presentations by industry to students - mentoring and job shadow.

Table 6 CO-OP vs. Internship - Mentoring

Table 7 Find service opportunities for students - Promote increased industry speaking/interaction - financial support for student competitions.

Table 8 Capstone - Guest Lectures - Internships - Mentor Programs (all are networking experiences)

Question 4: How does class scheduling impact interaction opportunities?

Table 1 For non-traditional, Dept. needs to facilitate guest speakers and field trips.

Table 2 Differs - FSU has work and school experience at same time.

Table 3 Location for industry leader participation.

Table 4 Collaborations - industry to schools and schools to industry (i.e., faculty).

Table 5 We don't see this impact with motivated students.

Table 6 Little or no impact - IAB's schedule with students.

Table 7 No Comments.

Table 8 Limited availability for night classes.

Question 5: What content or activities are new graduates missing?

Table 1 Relevancy - bring industry to classroom. Keep up with owner demands and relation building.

Table 2 Well rounded - self starter - hit the ground running - soft skills / leadership - doing extra curricular activities.

Table 3 Leadership - Ethics - Communication - Culture.

Table 4 No Comments.

Table 5 "Real World" understanding of how life really works.

Table 6 Communication (get involved with Toastmasters).

Table 7 Conflict resolution and team interaction in computer environment - handwriting and technical drafting (have been lost for field based problem solving).

Table 8 No comments.

Question 6: What is the best action a program can take to prepare students?

Table 1 Put them under pressure (construction competitions and capstone class)

Table 2 Practical Experience.

Table 3 Practical Experience.

Table 4 No Comments.

Table 5 Give them an understanding that they need to be accountable and be able to communicate effectively.

Table 6 Hours of operation (real world vs. class time) - it's a schedule driven industry not flexible work hours - Internships - Industry presentations (careers in construction).

Table 7 Advocate for more industry experienced professors.
Student/Industry dinner once a year for roundtable discussions.

Table 8 Competition - speaks for the program quality.

Round Table Session 2 Notes

Note: Some tables were consolidated for Session 2

Question 1: How does your program engage industry?

Table 2 Speakers - projects - community engagement.

Table 3 Guest speakers in class and association meetings - work with course instructors.

Table 4 Communication (Facebook) - Lectures - website (job posting) - banquet (awards).

Table 5 No Comments.

Table 6 No Comments.

Table 7 COOP program (6 months on then 6 months off).

Question 2: What activities does the IAB do to increase interaction among all groups?

Table 2 Encourage participation for the betterment of the industry.

Table 3 Industry mentor program with freshman and sophomores - panel discussions - golf outings - informal outings - students present to Board fro pre competition critique.

Table 4 Full day meeting (IAB) - Peer executive meeting is part of IAB meeting - create committees - discuss field trips and student competitions.

Table 5 No Comments.

Table 6 Representation at job/recruiting fairs - student/Board liaison committee - design-build competition - clubs/class/lectures and guest lecturers.

Table 7 Sponsor golf outing fund raiser - guest speakers from IAB - be available to professors - IAB panel talks to students - Student tailgates sponsored by corporate members.

Question 3: What does your IAB do when you meet?

Table 2 Report on program status - review committee actions - discuss ways to affect change - interact with students.

Table 3 Combined meeting then split into smaller working groups - Discuss curriculum, bylaws, funding, course delivery, mentorship/internship guidelines, public relations, alumni endowments.

Table 4 Curriculum review - scholarship committees - SCA presentations.

Table 5 What is a high performance IAB? Board provides feedback to faculty so that the faculty can make changes to the program so that graduating students meet the needs of industry.

Table 6 Agenda driven.

Table 7 Executive Director agenda - committee reports - budget review - activities planned - student chapter update.

Question 4: Do you have bylaws? How do they provide structure guidance?

Table 2 Yes.

Table 3 Yes.

Table 4 3 at table have bylaws 1 does not - we don't use unless we have to.

Table 5 No Comments.

Table 6 Yes (for all) - Should review and update every 3 to 5 years.

Table 7 Yes - focuses on strategic plan of the program.

Question 5: How does your IAB compare to those of the panel members?

Table 2 No Comments.

Table 3 More funding more recruitment more members.

Table 4 No Comments.

Table 5 No Comments.

Table 6 No Comments.

Table 7 Texas A&M has $$$

Question 6: What innovative ideas are being used today?

Table 2 Faculty internships are being offered by Texas A&M - Seminar series - regional clubs.

Table 3 No Comments.

Table 4 No Comments.

Table 5 No Comments.

Table 6 Video conferencing - branding (for the IAB) - alumni and diversity board - inviting IAB from another school to visit your meeting - construction career alliance (AGC/NAUIC/ABC/etc.) - club regional development - student presentations (capstone).

Table 7 IAB funded research for tenure-track faculty.

Question 7: What is the most effective way for an IAB member to influence change?

Table 2 PARTICIPATION - the more participation a member commits the more effective the IAB can be.

Table 3 ASK - meet with Chancellors - Univ President - Provost - Deans.

Table 4 No Comments.

Table 5 No Comments.

Table 6 Curriculum - best practices from industry to program (newsletter?) - Money (for funded professorship) - Share what I learned with other members of my IAB.

Table 7 Focus on funding and donations.