

**School of Engineering and Technology Industrial Advisory Board
Minutes for Spring Meeting at Lake Superior State University
Friday, November 4, 2011**

Members Present:

Bob Andersen, Fred Berg, Nathan Callaghan, Chris Conklin, Lynnette Eding, Steven Kars, Ralph Larsen, John Truckey, Brian Theriault, Ray Adams, Diane Haig, Don Stephanic, and Adil Shafi.

LSSU personnel present:

David Baumann, Jim Devaprasad, Robert Hildebrand, David Leach and Jeanne Shibley.

Review of April 2011 Action Items:

- 1) Please Consider and Submit Projects for 2011-12, More projects needed in the next few years due to more students entering their senior years.
Status: Ongoing reminder
Responsible: All

- 2) Call to the membership for new IAB members
 - Need to add to the membership
 - Asking all IAB members to solicit new candidates**Status: Ongoing reminder**
Responsible: All

- 3) Input for IAB role statement – please provide to Fred or Nathan.
Status: Ongoing
Responsible: All

- 4) Keep a list of unemployed IAB members and forward the info to all members for potential opportunities.
Status: Please forward to IAB secretary to update list.
Responsible: Steven

Meeting Minutes

Motion to approve meeting minutes

Chris Conklin – Moved

Brian Theriault – Second

Chairman's Report

- Nathan gave his background
- Showed Video of New Cadillac Infotainment system, very intense
- Gave overview of automotive industry, is it slowing? Shift toward the supplier side
- Discussed the Smart Phone integration with the car systems
- More safety, more hands on the wheel with integration
- Design times have been drastically reduced, fast project turnover, shorter design cycles

New / Potential IAB Candidates

New Member – Tim Bennett (Nexteer Automotive)

Brought to the IAB by Fred, and Fred gave a run down of Tim abilities, education etc.

Brian T. – Moved

Bob A. – Second

Approved

New Member – Trevor Swenson (Research In Motion)

Reviewed his background, education and work history.

Nominated by Ray A.

Second by Fred B.

Approved

New Member – John Tillotson (Honeywell)

Reviewed his background, education and work history.

Nominated by Ray A.

Second by Ralph L.

Approved

Secretary Election

-Nathan reviewed the roles and responsibilities for the position of Secretary.

-Secretary – Steven Kars – nominated/accepted

-Vote will happen at the spring meeting.

-Further nominations please forward to Nathan.

Recruitment Subcommittee Report – Chris Conklin

-Chris spoke about the fall MACRAO events

-Reviewed the “Why Engineering at LSSU” Card

-Card was completed by Labor Day

-Card was well received at the events

-Fred Berg also spoke of his experiences in the fall

-Thanks to all IAB members participating in the Fall MACRAO events: Bob Anderson, Fred Berg, Nathan Callaghan, Chris Conklin, Jim Gibbs, Don Stephanic

Action Item – Chris/Jeanne to look into making a Summer Camp Card/Handout since there is good return on having summer camp students come to LSSU for engineering.

Was a successful MACRAO season for the IAB/LSSU.

Program/School Updates – David Baumann

- Personal Changes: New Secretary, Laura Bofinger
- Re-origination of University Schools: College of Business, Engineering and Economic Development
- Fall 2012 will have large ABET Visit, IAB will be involved
- Reviewed Enrollment Trends – About the same, transfers are up
- 10-11 graduating students pass the F.E. Exam.

PDC Update – David Leach

- David reviewed some of the current and past project with the PDC
- David expressed the need for project from the IAB, creating a sustaining program

Electrical Engineering Program Update – David Baumann

- Talked about the Sustainable Energy Option
 - Consolidation of Courses into new ones
 - Reduction of Labs: An idea that the IAB showed some hesitance to in the discussion

Mechanical Engineering Program Update – Robert Hildebrand

- Covered the Re accreditation of the MfgET program – was approved.
- Touched on Faculty turnover, looking for a new ME professor, curriculum updates
- Discussed some new software for CFD and a new Digital Camera for Metallurgy Class

Senior Projects – Jim Devaprasad

- Reviewed last years project
- Reviewed the faculty and IAB grading of the projects
- Discussed the current projects for Fall 2011/Spring 2012
- Asked for IAB help in grading the 2012 spring presentations

Open Discussion

- Ray Adams brought up a discussion on the search for a new Engineering Dean and his concerns for this position and what it means to LSSU Engineering. He was concerned that no one from the IAB was on the search committee for the school.
- **Action Item** – To send a letter to the Provost of LSSU about the concerns of the IAB in regards to the selection and hiring of the new Dean of Engineering. Due by Dec 14 by Nathan.
- **Agenda Item** for spring meeting: What the IAB values for LSSU Engineering, and open discussion topic

Closing Remarks - Nathan

Next Meeting: April 27, 2011 at LSSU

RESPECTIVELY SUBMITTED,

STEVEN KARS
LSSU IAB SECRETARY