Industrial Engineering Advisory Board (IEAB) Meeting
Manufacturing Engineering Building – 2nd Floor Conference Room

Wednesday, April 13, 2011 10:00 AM – 1:00 PM

Meeting #8 – Minutes

Meeting attendees present shown in Bold:

**IEAB Board Members:**
Ametti, Vanda – WSU - IE Masters Student
Ayoub, Siraj – Program Manufacturing Leader, Faurecia
Clarke, Marcus – Associate Director of Education, Focus HOPE
Donelko, Joe – Senior Manager, AME Process, Chrysler
Dotson, Norman – WSU – IE Undergraduate Student
Evans, Joe – Lean Operations Supervisor, Die Tronik
Harris, Joi – Director of Planning & Control, DTE Energy
Leonard, Rich – Industrial Engineering, UPS
Loudon, George – Mfg. Engr., Automotive Components Holding
Philippart, Nancy – President, NLP Solutions, LLC
Reeves, Julius – Product Development, General Motors
Shaslo, Mike – DOM Forward Model Opt., Ford Motor Company
Stevanovic, Zlatko – Industrial Eng. Manager, General Motors
Szopo, Doug – Executive Director, GPP&S, Ford Motor Company
Vogel, Bill – Account Executive, HP
Wessman, Brooke – Project Mgr. Radiology, HFHS
Yu, Susan – Veterans Administration Hospital
Zenk, Chelsea – GMPS, General Motors

**WSU Faculty and Staff:**
Monplaisir, Leslie – WSU ISE Associate Prof., Department Chair
Ellis, Darin – WSU ISE Associate Prof., Assoc. Dean Acad. Affairs
Chelst, Kenneth – WSU ISE Professor
Murat, Alper - WSU ISE Assistant Professor, UG Assoc. Chair
Kim, Kyoung-Kim - WSU ISE Assist. Prof., M.S. Program Officer
Yang, Qingyu – WSU ISE Assistant Professor
Gluesing, Julia – WSU ISE Research Professor
Riopelle, Ken – WSU ISE Research Professor
Leman, Jerry – WSU ISE Executive Coordinator OMLP
Pichette, Dean – WSU ISE Senior Lecturer
Evans, Gail – WSU ISE Academic Advisor
Bournay, Jess = WSU COE Development Office
Radden, Christie – WSU ISE Special Projects Coordinator
Johnson, Jay – WSU ISE EMMP, MSEM & MINDSET Coordinator
Chinnan, Ratna Babu – WSU ISE Associate Professor
Plonka, Frank – WSU ISE Research Professor
Yang, Kai – WSU ISE Professor

- Welcome and Kick Off
  - Introduction of Attendees

The meeting was kicked off at 10:10 AM by Jerry Leman. The attendees introduced themselves with a brief description of their background.
• Industrial and Systems Engineering Update  Leslie Monplaisir  
  - “Report of Research and Scholarly Activities”

Dr. Monplaisir gave an overview of the state of budget, new COE Dean; ISE departments research and enrollment.

• Undergraduate Program Review  Alper Murat  
  - ABET Review/Update from Meeting Minutes  Jerry Leman  
  - Operations Management Leadership Program  Vanda Ametlli

Dr. Murat gave an overview of the previous meeting minutes, ABET process and shared recent awards and activities by the undergraduate students and the WSU IIE chapter. We want to attract more female students. Students from the state of Michigan are very important; offering competitive scholarships for recruiting. Focus on recruitment through faculty and alumni involvement. Jerry Leman updated the board on the OMLP’s status and increasing enrollment and internships from participating companies. Vanda Ametlli presented her work on improving the patient discharge process at the Crittenton hospital which was awarded the best paper award by the SHS.

• PhD and Global Executive Track  Ratna Babu Chinnam

Dr. Chinnam presented the regular and executive doctoral programs and the increasing enrollment in the doctoral program and increasing research productivity.

• Walking Project Review & Lunch  All  
  - Senior Capstone Projects

Lunch was provided in the high bay area. Senior Capstone Projects were presented on easel boards by the undergraduate students during lunch.

• College of Engineering - Vision/Priorities  Dean Farshad Fotouhi

Dean Fotouhi addressed the board and discussed his visions and the priorities for the COE.

• Masters Program Review  Kyoung-Yun Kim  
  - MSIE/M SM
Healthcare Systems Engineering

Dr. Kim reviewed the MS programs and presented the plans for the new certificate program in Healthcare Systems. Input included: More examples in the existing courses (e.g. deterministic optimization and simulation) specific to the healthcare. There is a need for an introductory course which will cover the main processes of healthcare systems. This is one course which must be part of a specific program.

EMMP

Dr. Chelst gave an overview of the EMMP program and highlighted the increasing number of students and the relationship that has been developed with Ford Motor with this program

- Recruiting Activities

Gail Evans presented the recruiting activities including the recent visit by community college representatives to the ISE department.

- Website Update

David McGrann presented the new ISE website. Nancy Philippart requested a link for the Engineering Ventures Program at Wayne State.

- Wrap Up/Member Input/Discussion

Nancy Philippart led the wrap up discussion. There was good input from the board members.

**Marcus Clarke** – with emphasis on Health Care Systems Engineering Master’s degree, would like to hear more about department’s entrepreneurial efforts to commercialize and spin off companies in this area; suggest future agenda item on entrepreneurship and commercialization of faculty research; expand ISE capstone projects into non-profits – great need for process improvements given economic challenges;

**George Loudon** – support growing service areas of ISE but do not lose focus on core automotive/manufacturing

**Brooke Wessman** – pursue potential to partner with School of Medicine on HCSE Masters; recruit students from Ontario

**Gary Altman** – look at collaborations with Nursing, Public Health and Medicine on HCSE Masters; also teaching opportunities for ISE faculty as other health care disciplines take responsibility for quality; consider the synergies between medical school and the ISE program’s healthcare certificate and program offerings; college of nursing and graduate medical education is looking quality and performance improvement. HCSE Masters good program, needed
immediately; recruit around diversity of ISE application in services such as health care, banking, government, etc.; get materials out in advance for future meetings and don’t hesitate to assign members action items to support department initiatives; ISE also needs to look at other areas space, transportation and public sectors for application and specialization.

**Chelsea Zenk** – tap alumni for recruiting; Detroit-Hamtramck hosting public open house on May 11th – students invited; need to reach more to our alumni as our ambassadors for recruitment; need to reach to more of our alumni to have real world projects in our courses. **Vanda Ametlli** – expand ISE capstone projects to university administration processes

**Nancy Philippart** – recommend new Engineering Entrepreneurship Certificate program and Engineering Ventures initiatives be reviewed next meeting; more opportunity “Engineering Ventures and Entrepreneurship”- Techntown can become another stream of revenue in the times of budget cuts.

- Proposed Next Meeting Date - Oct./Nov. 2011  

Jerry Leman indicated the next meeting will be during the Oct./Nov. timeframe during the Fall term. We will notify the board a couple of months before the meeting to save the date on your calendar.

The meeting concluded at 1:35 PM.

**Jerry W. Leman**  
**jwleman@wayne.edu**  
(248) 705-1655

Printed Agenda from Meeting follows on next page………..
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  Leslie Monplaisir

• Undergraduate Program Review
  - ABET Review/Update from Meeting Minutes
    Alper Murat
  - Operations Management Leadership Program
    Jerry Leman
  - Student Presentation
    Vanda Ametlli

• PhD and Global Executive Track
  Ratna Babu Chinnam

• Walking Project Review & Lunch
  All
  - Senior Capstone Projects

• College of Engineering - Vision/Priorities
  Dean Farshad Fotouhi

• Masters Program Review
  - MSIE/M SM
    Kyoung-Yun Kim
  - Healthcare Systems Engineering
    Ken Chelst
  - EMMP

• Recruiting Activities
  Gail Evans

• Website Update
  David McGrann

• Wrap Up/Member Input/Discussion
  Alper Murat

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  Jerry Leman

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