

## INSTRUCTIONALLY RELATED ACTIVITIES (IRA) BOARD MEETING

NOVEMBER 1, 2012

# MINUTES

**Members Present:** Michael Barrett, Chair, Jaypinderpal Virdee, Marlene Romero, Hunter Watkentien, Daniel Schindler, Hyunjung Kim, Steffen Mehl

**Members Absent:** Marc Langston

**Staff Present:** Arno Rethans, Stacie Corona, Jeni Kitchell, Kimberly Scott, Jennifer Mays

**Staff Absent:** Dan DeWayne

**Others Present:** Sandy Miskella, Mathew Culver, Josh Miranda, Ramesh Varahamurti

- I. Call to Order
  - a. The Chair, Michael Barrett, called the meeting to order at 9:04 am
- II. Approval of Minutes
  - a. April 6, 2012
    - i. A motion was made to approve the minutes of 4-6-2012: Schindler 6-0-0 Moved, Seconded, Carried (MSC)
  - b. April 13, 2012
    - i. A motion was made to approve the minutes of 4-13-2012: Virdee 6-0-0 (MSC)
  - c. April 20, 2012
    - i. A motion was made to approve the minutes of 4-20-2012: Watkentien 6-0-0 (MSC)
- III. Old Business (none)
- IV. New Business
  - a. Formula SAE (Society of Automotive Engineers) Request for IRA Program Certification
    - i. Presentation by Mathew Culver (President), Josh Miranda (Vice President), and Ramesh Varahamurti (Faculty Advisor)
      - 17 students are currently in the Formula SAE group, with 5 from Business and the rest from Engineering programs.
      - Formula SAE is an international student design competition; one held in Lincoln Nebraska, one held in Michigan - each annually. A team of

students design and build a Formula-style racecar for competition, and compile a report to convince a panel of judges that their vehicle is viable for production. Has become one of the largest student engineering competitions in the world.

- Formula SAE incorporates material from most engineering classes students take and applies the concepts learned to the real-world engineering environment. It challenges them to prove themselves in competition.
  - The group plans on competing for the first time at the Summer 2013 FSAE Lincoln, Nebraska competition. Ten students will attend, needing \$4550 for travel and registration. Their car will be designed and tested in a manner that will allow them to complete in dynamic and static events.
  - They plan on sponsorships with local companies, fundraising events, and selling ad space on the car for funding. The group is split into a few teams (cockpit team, body work team, etc.) and each is responsible for retrieving funding from their contacts. Most companies are very willing to sponsor as it is a win-win situation. Already have a relationship with Norfield Manufacturing Co. in Chico.
  - Formula SAE differs from Mini Baja, Human Powered Vehicle, etc. as completely different engineering takes place. There are no overlapping members in this group with the other ECC vehicle groups. Parts are sustainable as they are able to reuse most each year; however they must redesign the frame of the vehicle each year per competition policy.
- ii. Sandy Miskella reminded the board that Formula SAE can request one-time funding for this year if approved as a Certified IRA Program. IRA never funds 100% - ECC needs to contribute as well. ECC gathers proposals each year from their IRA groups and then allocates their funds. ECC may have carryover that could fund the group for this fiscal year. If not, they could attend an upcoming meeting and request one-time funding. They could then attend a meeting in Spring 2013 to request baseline funding for the future.
  - iii. A motion was made to suspend the rules and add as an action item: Watkentien 7-0-0 (MSC)
  - iv. A motion was made to approve the Request for IRA Program Certification: Virdee 7-0-0 (MSC)

V. Announcements

- a. Next IRA Meeting is November 15, BMU 205, 9:00-11:00

VI. Adjournment

- a. The Chair, Michael Barrett, adjourned the meeting at 9:37 am