***UAA Computer Science & Engineering Advisory Board***

***Meeting Minutes***

Date: Friday, May 12th 2017

Time: 12:00 to 1:30 pm

Place: EIB 211

1. Call to order: Meeting was called to order at 12:05 pm by Rob Barnett.
2. Roll call

* In Attendance:
* Ament, Alyssa
* Ahern, Lance
* Barnett, Rob
* Burnell, Jazon
* Custer, Larry
* Moore, Frank

1. Regular meeting approvals

* Approval of Agenda: Approved
* Approval of January 13,2017 meeting minutes: Approved
* Introduction / Approval of new Board members: None to approve

1. Ethical concerns / considerations: None
2. Reports
   1. Frank:
      1. New faculty member hired to start in the fall:
         1. The new CS&E faculty member is Sebastian Neumayer , whose title is Assistant/Associate Professor of Computer Science & Engineering. He will start in July 2017.
         2. Sebastian graduated from MIT with a Master’s in electrical engineering, and a PhD in Computer Science. His specialty is networks and security.
         3. He will teach one course per semester to start his contract, as he will be more research-oriented.
      2. Frank Witmer and Martin Cenek’s research projects are coming to a close, so they will be available for more classroom time in the coming semesters.
      3. Faculty open to internships/co-ops, advisory board could perhaps help setting up a clearinghouse of opportunities:
         1. The faculty would like to create a standard form/template for internship proposals, in order to standardize and improve cooperation between local businesses and UAA.
         2. Kenrick would be the point of contact for the department as the Chair, and Alyssa would coordinate with businesses as well through his direction.
         3. The desire is to set up a clearinghouse for advertising open internships and co-ops, in order to increase the success of our students through experience.
      4. COENG hired a STEM coordinator and is doing more advertising of our programs to HS grads (e.g. sending notecards, produced glossy brochure):
         1. The STEM Outreach Coordinator, Vicki Nechodomu, will work with Crickett and Younger from the CoEng to attract high school students.
         2. In April there was a university walk-through by a large group of 4-6 grade students, which Larry heard some feedback from. The suggestion is to shorten the speeches and presentations to 15 minutes in order to retain their attention. Additionally, could this be done strictly for the CoEng?
         3. Lance will look into getting a survey from the Dimond High IT program to see how it went, and what changes could be made.
      5. Curriculum
         1. New web development course being offered in fall, will cover MVC
            1. The course is being set up and taught by Shawn Butler. It is a flagship course that, if it goes well, could potentially be shared with UAF.
         2. Continuing with UAF course sharing
            1. Course A331 was broadcast from UAF to UAA, and received positive feedback. It will be offered again in the future due to its success.
            2. The CSE Department will collect and provide statistics on the attendance for the course, and send out a list of the fall 2017 shared courses.

\*\*Addendum: Per Kenrick Mock, 27 UAA students were enrolled in the CSCE A331 course offered through UAF. In the fall of 2017, UAA is offering CSCE A462/662 Data Mining, and UAF is offering CSCE A385 Computer Graphics, as shared courses.

* 1. Rob:
     1. Update from College of Engineering Advisory Board
        1. Regional accreditation postponed a year
           1. This was postponed college wide for various reasons.
        2. Chancellor Tom Case retiring in July after six years
        3. President Johnson indicates estimated budget between $303-325M for UA budget next year
           1. There is a discrepancy between the two houses as far as the amount. One says $303 million and the other says $325 million, so it has not been decided upon at this time.
        4. Overall High praise was given to Engineering in strategic pathways
        5. K12 Development:
           1. K12 Outreach hire

This is Vicki Nechodomu, who was mentioned above.

* + - * 1. Development Committee forming

If interested contact Fred Barlow or Rob

* + - * 1. The Summer Engineering Academies will run for 8 weeks this summer. They are sponsored by BP, and Scott Hamel from the Civil Engineering Department is running them again this year.
    1. Update from Missy Fraze:
       1. Update on pathway development
          1. Missy was unable to attend the meeting herself, but Rob reported that she attended the Western Pathways Conference with her STEM coordinator. They are attempting to align their district level outreach. Missy will provide more information ASAP.
    2. Membership / Attendance
       1. Rob noted that the attendance of some Board members has been below the agreed upon percentage.
       2. If there are issues with scheduling and workload, this is understandable. However, if members are unable to fill the commitment, it is requested that they offer a replacement within their organization to Rob.
       3. Rob will send out a survey to get feedback on attendance and commitment.
    3. Fall Workshop
       1. Rob brought up the possibility of holding a fall engineering workshop, which would simply be the delayed spring workshop.
       2. For those who are unfamiliar with this, the workshop would be a 360 roundtable discussion between faculty, industry, and students, in order to try to discover the strengths and weaknesses of the program and generate improvements.
       3. The CS faculty returns at the end of August. Larry and Rob will meet early that month to put together an agenda and reconfigure the program that was drafted for spring.
       4. They will see if they can invite GCI and ACS to attend, and perhaps get ASD involved.
  1. Other
     1. Lance brought up the Alaska Business Plan Competition. There have been several startups recently in Alaska, in an attempt to generate local business. The focus has been on energy. Several local investment funds were created to assist in this process.
     2. The International Joint Conference on Neural Networks is being held May 14-19th at William A. Egan Civic and Convention Center.
     3. Computer science research grants:
        1. Kenrick’s ADAQ grant is ending, as is Martin’s homeland security grant.
        2. Kirk is on a bipartite schedule for the fall due to a lack of research.
        3. Sebastian will be focusing primarily on research.
        4. Frank posed the question of whether there could potentially be more coordination for research. Could there be someone to specifically write grant proposals? At this time is it primarily faculty driven.
        5. If any Board members come across grant or research opportunities, please pass them along to the CSE department.

1. Adjournment: Meeting was adjourned at 1:00 pm.
2. The next regularly scheduled meeting is scheduled for August 5th, 2017.
   1. Lance proposed inviting Sebastian Neumayer to attend so that the Board can get to know him.
   2. Larry offered to supply catering if a group of 25-30 is generated, in order to introduce Sebastian.