**Date**: April 24, 2017

**Time**: 6:30 – 8:00

**Attendees**

|  |  |  |  |
| --- | --- | --- | --- |
| Bob Rumer | Deron Johnson | Jerry Knotts | Sana Sarfraz |
| Chai Changsungsan | Doug Askegard | Mirwais Azizi | Stephanie Knotts |
| Chuck Seabury | Gary Hughes | Nathalie Gosset |  |
| Darrell Gooden | Howard Turner |  |  |

# Calendar of Section events

 

# I will not be at the next OpCom Meeting, who can take minutes?

# Minutes from Previous Meeting

Minutes were accepted

**Success Stories of the month**

* Computer Society
  + Great time at the chapter meeting
    - FIRST Robotics teams demonstrated their creations
  + Grant proposals to fund the teams were written by students!
    - Great example of watching a young person grow into a role
  + 2 teams attended, great teamwork building big robots
    - Very impressive team work, older students mentored the newer students
* Entrepreneurship Group
  + 18 people attended the last meeting
  + Greg Monterrosa from Hub 101 did a fun talk and led a tour through the facility
* Electron Devices / Circuits and Systems Joint Chapter
  + Received a nice grant from ED/CAS
  + The chapter can spend it on ED or CAS activities
* Photonics
  + Held an officer meeting and elected Gary Hughes chair for 2017
    - **Congratulations Gary**
  + There will be a meeting held “Low Light Technologies”
* EMBS
  + 65 attended a career day meeting
  + The chapter was awarded funding from their technical society, Bob will contact the main chapter to get the money
* Robotics
  + Bob reported that many schools have now integrated robotics into the school day, so there is less need to run after school programs
  + This is a great accomplishment showing how effective robotics technology has been nurtured by the previous activities
* Microwave
  + Also secured good funding from their technical society
* Aerospace
  + Great talk on Cube Satellites
  + There were lots of walk in people at the meeting, the attendees were very engaged
* Development
  + There was an uptick in people in arrears resigning up recently after Howard contacted all people that did not renew except for students
  + Howard will contact students this month
    - Offer free membership if they attend 2 events
    - Offer them a title for volunteering that they can use on their resume
    - If they are no longer students point out that they should be able to get half price membership for a year under an IEEE promotion

**Mixer**

* We’ll hold a trivia challenge along with dinner and awards, April 27th at Hub 101

**Lightboard**

* Grant request was submitted to allow the Section to be an IEEE SIGHT Group associated with CLU
  + Nathalie is in contact with the committee to try to get them to approve the grant and send the money
* The section role is going to be figuring out how to make a system that can be used at CLU and other schools
* Some challenges
  + How to make it mobile, reduce costs, include engineers and students
  + Try to get some parts donated to reduce costs
  + Document the system in a way that allows others to replicate the version the section creates
  + CLU can be the beta site, but other sites can be used to test if it makes sense
* Link with information about Lightboard technology
  + <https://sites.google.com/site/northwesternlightboard/>

**Financials**

* The section and chapters are in good shape
* **A big shout out to Doug** who got the IEEE Foundation to send the balance of the 2016 grant funding that was promised to the section
* All chapters are encouraged to apply for money from their national societies

**2017 Grant, “Graceful Aging with Technology”**

* The grant specifies what needs to be done, many activities we do will meet the requirements
* Summary of highlights
  + Involvement of 100 or more students from at least 2 middle schools, 3 high schools and one university on several projects
  + Nurture the interest in Science, Technology, Math, and Science in middle school, high school, and college students in STEM by actively involving them in developing solutions for the generation of their grandparents.
  + Bring speakers to senior citizen centers
  + A hands-on educational program to show middle school and high school teachers how the Next Generation Science Standards (NGSS) can be applied to these projects.
  + The full application contains even more activities

**JPL Tour**

* Darrell has a tour booked September 6th
  + He offered 20 seats to the section
  + We will honor the invitation by having the section chair inviting officer and volunteers with STEM activities first
  + Need to get names by July 3

**Region 6 Awards**

* The yellow sheet has a list of awards
* Send nominations to Nathalie soon so the applications can be filed by the May 15 deadline

**Next Meeting**: 5/22/17