

Albuquerque Section IEEE Meeting

- Time and Date: 11:30AM, Tuesday March 27, 2017
- Meeting Place: Yanni's Mediterranean Restaurant & OPA,
3109 Central Avenue Southeast, 87106
- Members in Attendance (12):
 - Harjit Ahluwalia – Sigma Xi,
Life Senior, Member Vice
Chair
 - Ray Byrne – Vice Chair,
Fellow
 - Gilberto Zamora – Treasurer
 - Lee Rashkin – Secretary
 - Mike Jackovich - Member
 - Hy Tran –Education Chair,
Member
 - Amir Raeisi – Student
Member
 - Skyler Nix – YP Chair,
Member
 - Thomas Rotter – Member
 - George Oltmann – Life
Fellow
 - Rebecca Kreitinger – Student
Member
 - Ramiro Jordan – Senior
Member
- Guests in Attendance (2):
 - Turtle Haste
 - Fernando Fresquez
- Lee –Secretary
 - Minutes were reviewed, amended and then accepted
 - Outstanding Action Items were discussed
- Discussion
 - Introductions
 - Treasurer Report - Gilberto
 - February ending balance was discussed
 - March current balance was discussed
 - No new funding requests except the outstanding requests for STEM and Solar Splash funding
 - Is it possible to set up Sigma Xi funding as a recurring direct deposit?
(Ray)
 - Unknown, Gilberto will investigate
 - Hy – Should set up a standard calendar if we do set up recurring payments so that we know where the money is going and when.
 - Awards Banquet – Ray
 - Harjit signed contract with Sheraton Hotel – no changes to costs
 - Speaker has been slow to respond – so there are a few details outstanding, but they should be solved this week
 - 123SignUp can change the title of the “spouse” field to something else to make the sign up less confusing
 - 2 Sigma Xi awards received
 - 1 IEEE award received
 - Creation of Awards for Rising Stars Capture the Flag (CTF) competition

- 2 UNM students and 1 NMT student placed in the competition
 - Skyler will write up an explanation of the Awards and the winners
 - Will publicize starting April 1st
- STEM Activities – Hy
 - Region 6 has a webx on educational strategy
 - tryengineering.org
 - Improvements to presentation
 - Members mentoring teachers on tryengineering.org suggested activities to help build familiarity
 - Is there interest in supporting such a program?
 - Gilberto
 - Tom
 - Skyler
 - Hy
 - Those interested should contact Hy
 - Report back on contact or lack of contact from teachers to determine interest on the teacher's side
 - Turtle Haste will promote the resources provided by the section
 - Nomination of educators for Sigma Xi awards?
 - Can advertise
 - Have principals nominate educators with a paragraph
 - Need 1 math and 1 science teacher nominations
 - Letter of intent to nominate by April 1st if unable to meet the deadline
- Young Professionals – Skyler
 - Approved formation in record time
 - Couple of days to get formed
 - Celebration/kick-off (as suggested by the Young Professionals Affinity Group)
 - There is some seed funding
 - Looking at funding for a possible speaker
 - Need to submit a plan for the event
 - Considering holding it at a video game lounge
 - Awaiting feedback from the student section
 - Will be open to entire section, not just YPs
 - Skyler will send an eNotice to Jason once the event is finalized
 - IEEE requires more than just social events in order to support the group
- WEEF-GEDC (World Engineering Education Forum and Global Engineering Deans Council Conference)
 - November 12-16, 2018
 - 1st time in United States
 - IEEE, ABET and other professional groups are members of WEEF

- Focus on Peace Engineering
- Support of multiple National Labs
 - Sandia National Laboratories
 - LANL
 - Fermi Lab
 - Trying to get more involved
- Global Student Forum
 - Business plan competition
 - Resume writing workshop
 - Interviews
 - 1st global career fair
- Expecting 1500 international attendees
- Harjit – Visa problems?
 - Yes, but it is being worked on
- Want IEEE as technical partners and to help with publication to IEEEXplorer
 - Ray – There is an IEEE procedure online
 - Peer-review of papers will help
 - IEEE Education in Engineering Society probably best affinity group fit for co-sponsor
- Most of the conference organization is being handled by Keserman-Jones, who organize all forms of conferences
- Section can help with other logistics
 - Reviewers
 - Chairs
 - Moderators
- Signal Processing Group – Amir
 - Looking at Petros Marigos as potential speaker
 - Some conflicts
 - Using the Distinguished Lecturers program through IEEE to find speakers
 - Requirements need more than 2 technical activities to receive funding from IEEE
 - Petition for formal chapter formation to be reviewed at upcoming signal processing conference
 - Currently group is in an informal formation (probationary) period
 - More news in upcoming months
 - Still holding grad student discussions every Friday
- Photonics Group – Tom
 - Regional Science Fair held last Friday
 - 1 Senior Award
 - Lenses to improve solar panel efficiency
 - 1 Junior Award

- Measuring fluoride levels in water using optics
 - There were fewer impressive senior projects than junior projects
 - \$100 Awarded to each winner
 - Pictures of Science Fair and winners to Gilberto
 - Physics Department
 - 2 Awards
 - Later this year
 - Albuquerque Optics Paper Contest
 - Also later this year
 - Any published IEEE paper in optics will be eligible
 - UNM – Rebecca
 - Valentine’s Day event
 - 2 Cyber Security Workshops
 - 20 students attended
 - Elections tomorrow
 - HKN inductions last Saturday
 - 18 students inducted
 - 1 faculty (Jane Lehr) inducted
 - Workshops and talks
 - Resume building
 - Cyber password retrieval workshop
 - 97 members
 - Meetings have attendance of ~30 members
 - Walk the Track event to help determine subfields
 - Arizona State speaker on patents
 - Working on WEEF
 - NMT – Gilberto has been receiving updates
 - Tesla Coil building
 - Resume writing
 - Teaching workshops
 - Joint Chapter
 - Jane Lehr talk this month
 - Meeting next week – George will send announcement
 - Sigma Xi – Harjit
 - Speaker from the previous month had to be changed due to weather and travel conflicts
 - eBallots voting went for continuing with current officers
 - Celebration dinner Thursday April 26th
 - Invitations to go out
 - Must contact the IEEE sponsored student and invite them as well
 - Harjit will be unavailable for 3 months due to work with the Air Force
 - Life Members – George

- Writing reports to IEEE of activities with the Joint Chapter and Sigma Xi
 - Intersociety Group will report when events are scheduled
- Collected \$50 on the bill