Officers:
- Chair – Jason Neely
- Vice Chair – Ray Byrne
- Treasurer – Gilberto Zamora
- Secretary – Lee Rashkin
- Educational Outreach – Hy Tran

Student Chairs:
- UNM Co-Chairs – Rebecca Kreitinger, Francisco Viramontes
- NMT Chair – Alejandra Mayorga del Valle
Section Report

• Status
  • Higher Grade Members: from 1,008 (2017) to 981 (2018), -2.7%
  • Student Members: from 120 (2017) to 131 (2018), +9.2%
  • Total Members: from 1,128 (2017) to 1,112 (2018), -1.4%

• Successes
  • Student branches engaged and active
  • Active collaborations with other organizations
  • Continued activities: public talks and awards
  • New: YPAG, SPS

• Obstacles
  • Recruitment and retention
  • Membership at-large engagement
  • WIE lacks continuity
Student Branches are Active

• NMT student branch
  • hosted a through-hole and surface-mount soldering workshop last week, many enjoyed that and we will have one again soon
  • supervised two events at the Science Olympiad State Competition held at NMT
  • attended 2018 Rising Stars conference

• UNM student branch
  • Participated at IEEEXtreme programming competition
  • Holds periodic meeting to help and recruit students
  • Holds tutorials on EE basic skills

• Working on setting up other student branches
  • CNM
  • Navajo Technical Institute
2018 Rising Stars Conference

January, 2018

• NMT and UNM took the podium at IEEE Rising Stars 2018! We received awards for first, second, and third place in their Cyber Security Capture-the-Flag competition.
Section Awards Banquet Ceremony

May 26th, 2018

• Each year the IEEE Albuquerque Section, in collaboration with the UNM Sigma Xi Chapter, recognizes the efforts of its membership to improve the organization and bring merit to our profession.

• Astronaut Dr. Harrison H. Schmitt, presenting his talk “A Voyage to the Moon on Saturn’s Wings.”
June 1st, 2018

- IEEE Albuquerque Section had another successful participation at the 2018 New Mexico Public Education Department’s STEM Symposium
- The workshop, titled “Breaking Chocolate” was presented by:
  - Turtle Haste, NBCT, MSED
  - Rebecca Kreitinger, Student Member IEEE
  - Zane Kominek, Student Member IEEE
  - Hy Tran, Senior Member, IEEE.
- 50 teachers participated in the session (this was the room limit); and teachers participated in discovering the importance of standards in measurements
The Albuquerque Section IEEE Joint Chapter hosts several technical talks each year.

Recent talks include:

- Nov 14, 2018 - “Therapeutic and Diagnostic Uses of Electromagnetic Energy in Emerging Medical Technologies” by Dr. David Giri, ECE, UNM
- Sept 19, 2018 – “Overview of Wideband Antenna Concepts, Applications to CWI and Pulse Testing” by Bill Prather, USAF Research Lab, Directed Energy Directorate
- Oct 5, 2017 – “Novel functional photonic devices enabled by nano-structures” by Dr. Sheng Liu, Sandia Labs
The Albuquerque Section co-sponsors a prolific distinguished public talks series with the UNM chapter of Sigma-Xi

Recent talks include:

- Nov 14, 2018 - “Therapeutic and Diagnostic Uses of Electromagnetic Energy in Emerging Medical Technologies” by Dr. David Giri, ECE, UNM
- Oct 17, 2018 – “Energy Storage and Modernization of the Electric Grid” by Dr. Babu Chalamala, Sandia National Laboratories, Albuquerque, NM
- Sept 19, 2018 – “Overview of Wideband Antenna Concepts, Applications to CWI and Pulse Testing” by Bill Prather, USAF Research Lab, Directed Energy Directorate
- April 4, 2018 – “Switches for Emerging Applications in High Power Electromagnetics” by Dr. Jane Lehr, Electrical & Computer Engineering Dept, University of New Mexico
- March 7, 2018 – “Double-Pulse Technique for Defending from Hostile Systems” by Dr. Dave Giri, President, Pro-Tech, Brooklyn, NY, and Adjunct Professor, EECE, University of New Mexico
- Feb 7, 2018 – “Shiva Star: Pioneering Megagauss Science and Technology” by Dr. Matt Domonkos, Air Force Research Laboratory, Kirtland AFB, NM
- Nov 16, 2017 – “Fundamental Antenna Terms that Do Not Appear in Any Textbook... Yet!” by Dr. Everett G. Farr, Farr Fields, LC, Albuquerque, NM
The Albuquerque Section collaborates with local organizations

- Sigma-Xi (UNM Chapter): Public Talks series co-sponsor
- Materials-related Inter-Society (SAMPE, ASME, ASM, AWS, IEEE, Sigma Xi): Member
- Solar Splash (national): Report judging, local team sponsor
Section Supports Local Conferences

Nov 12-16, 2018

• The Albuquerque Section IEEE is supporting the WEEF-GEDC 2018 Conference
  • World Engineering Education Forum (WEEF)
  • Global Engineering Deans Council (GEDC)