

# The Downlink



IEEE Albuquerque Section Newsletter

Q2/Q3 - 2013

## IEEE Albuquerque Section Awards Banquet

On May 13th, the IEEE Albuquerque Section held its joint Award Banquet with the UNM Chapter of Sigma Xi at the UNM's Continuing Education building.

Each Award consisted of a framed certificate and a monetary award. In the case of the Outstanding Young Engineer Award, the awardee is asked to give a talk at a public talk event organized by Section later in the year.

Aaron Murray, the Section Chair presented the following awards:

Outstanding Young Engineer: Simon Barriga

Outstanding Graduate Student: Chris Leach

Outstanding Undergraduate Student: Raymundo Rael

After the award presentation, Dr. Dale Alverson, UNM's Medical Director of the Center for Telehealth and Cybermedicine Research, gave the talk: "A Brave New World: A Time for Telemedicine and Health Information Technology," which was received enthusiastically by the entire audience.

We look forward to next year's nominations and awards.



Outstanding Young Engineer: Simon Barriga



Outstanding Graduate Student: Chris Leach



Dr. Dale Alverson before the talk "A Brave New World: A Time for Telemedicine and Health Information Technology"



Outstanding Undergraduate Student: Raymundo Rael

## Upcoming Events

### APS/MTT/EMC/NPSS Joint

#### Chapters talks

November 1, "Recent Advances in UNM's High Power Microwave Research", Presented by Sarita Prasad

PLACE & TIME: Four Hills Country Club, 911 Four Hills Road, SE, Albuquerque, NM 87123, Talk at 7:30 pm, Social begins at 5:45 pm, and Dinner begins at 6:30 pm.

\$25 per person for dinner (full-time student members of IEEE, \$15)—reservations required. No charge and no reservation required to attend just the talk. For updated information and RSVP contact Everett Farr at [efarr@farr-research.com](mailto:efarr@farr-research.com) or by phone at 505-410-7722 or 505-293-3886.

### Sigma Xi University of New Mexico Chapter Distinguished talks

Integrating Renewable Energy: Preparing the Grid for an 'All of the Above' Energy Strategy by Jason Neely, UNM Young Investigator Award Lecture. Thursday, 14 November 2013, 5:30 p.m.

Aerobiology, The Final Frontier for Environmental Engineers. How molecular biology is rapidly changing our views of the air we breathe at home, in transit and at work. by Mark Hernandez, University of Colorado. Thursday, 5 December 2013, 5:30 p.m.

All talks will be held at 5:30 p.m. at the UNM Conference Center, 1634 University Blvd. NE. FREE parking is available in the attached (well lit) parking lot. Refreshments will be served at 5:00 p.m. For more information contact Jackie Ericksen; Phone: (505)821-0299; E-mail: [jhericksen@msn.com](mailto:jhericksen@msn.com).

### New Section website

The Albuquerque section has a new website. Please visit us at <http://sites.ieee.org/albuquerque/>

### Upcoming Section Board meetings

October 30<sup>th</sup>

November 27<sup>th</sup>

Meetings are held on the last Wednesday of the month, 11:30 a.m. at Yanni's Mediterranean Bar & Grill (3109 Central Avenue NE ). Come join us.

## UNM Student Branch

### Innovation Plaza:

Innovation plaza is brand new this year to both UNM IEEE and the Electrical and Computer Engineering department. Innovation plaza is intended to help students improve their education and experience by providing a place and equipment where they can work on projects outside of the classroom. Students are encouraged to bring their own ideas for projects that they would like to work on. Besides student projects, Innovation plaza will also be used to help build body to classes in the ECE department by creating projects that are geared toward those classes. With this IEEE will be working with instructors and graduate students to design these projects for students.

### Micromouse:

Last may we were able to send one team to the IEEE micromouse competition in San Diego. Our team was able to take 2nd place. We are going to try and send two teams this year.

### IEEEExtreme programming competition:

So far UNM IEEE will have three teams competing in the IEEEExtreme 7.0 programming competition. IEEEExtreme 24 hour programming competition will start October 26th.

### IT Support:

UNM IEEE has started to provide IT support to students in Matlab, Labview, VHDL, and Dual booting OS. All of our IT support is provided by UNM IEEE students and is available to anyone needing assistance in setting up and running these software.

## IEEE Albuquerque Section 2013 Officials

Chair: Aaron Murray ([atmurra@sandia.gov](mailto:atmurra@sandia.gov))

Vice-Chair: Gilberto Zamora ([gzamorac@hotmail.com](mailto:gzamorac@hotmail.com))

Secretary: Jason Neely ([jneely@sandia.gov](mailto:jneely@sandia.gov))

Treasurer: Ray Byrne ([rhbyrne@sandia.gov](mailto:rhbyrne@sandia.gov))

GOLD Chair: Cesar A. Silva Monroy ([cesarsilva@ieee.org](mailto:cesarsilva@ieee.org))

Website Admin: Gilberto Zamora ([gzamorac@hotmail.com](mailto:gzamorac@hotmail.com))

Newsletter Editor: Jorge Piovesan ([jlpiovesan@gmail.com](mailto:jlpiovesan@gmail.com))

Life Member affinity group: George Aikins ([aikinsg@ieee.org](mailto:aikinsg@ieee.org))

Women in Eng. affinity: Srividya Iyer ([mgi2883@motorola.com](mailto:mgi2883@motorola.com))

Student Branch: Aaron Griego