

IEEE Region 6 Awards – 2010-2011

NOMINATION FORM

(for Area Awards, and also for Region 6 Awards)

(This Nomination form is to be used by Sections for Area Award Nominations for all categories. This form is also to be used by Sections-via-Areas for Region 6 Award Nominations. Please use one form per Nomination.)

Area → Central, [] NE, NW, Southern, SW

Award Category of the Nomination:

- Outstanding Engineer Award
- Outstanding Leadership and Professional Service Award
- Outstanding Section Award
- Outstanding Corporate Service to Engineering Community Award
- Outstanding Student Branch Award
- Director's Special Award / Area Chair's Special Award

Name (Individual/Section/Student-Branch/Company): Boise Section

Address: _____

Phone: 208-484-3564 e-Mail: cgunning@ieee.org

Occupation: n/a

Title/Position: n/a

IEEE Grade: n/a Date of Grade: n/a

Company: Type of Business, # of employees, etc. n/a

Proposed Citation: For professional development and membership networking activities. _____

Supporting information to be attached, as appropriate and applicable:

Supporting Material for Nomination of the Boise Section to the Best Section Award

Section Summary

The Boise Section territory covers southwest Idaho and east Oregon. We have 486 members as of April 30, 2011: 405 full-grade members, 56 student members, 15 affiliate, and 16 associate members. This is a net increase of 4 full-grade members and 3 student members and a net decrease of 1 affiliate member since April 30, 2010. We have elevated 9 senior members in the last year.

There are currently three active chapters in the section: the Computer Society, the Electron Devices Society (EDS), and the Power Engineering & Industrial Applications chapter. The EDS Boise Chapter has been selected as the 2010 recipient of the IEEE Electron Devices Society Chapter of the Year Award. The PE&IA chapter was reactivated during 2010.

There is one student branch in the section at Boise State University.

The section officers are:

Position	2011	2010
Chair	Chris Gunning	Chris Gunning
Vice Chair	Shyam Surthi	Shyam Surthi
Secretary	Kristen Hopper	Kristen Hopper
Treasurer	Gary Ashton	Randy Wolff

Major Accomplishments in 2010

Section activities

Section social activities:

Annual Engineering Week banquet. Guest speaker was Dr. Gordon Day, 2009 IEEE-USA President and 2011 IEEE President-Elect.

Held annual section picnic in Fall in conjunction with BSU student branch

Section Revitalization Activity:

Dr. Chandra Mouli, Micron, gave a talk and led discussion on opportunities to increase IEEE's visibility & value in local community. This helped guide our PACE planning for the year.

PACE activities:

"Improving Engineering Economic Outlook" (Speaker: Joe Rekiere)

“November 2nd Election and Its Implications for Engineers”, Russell Harrison, IEEE-USA

GOLD activities:

Provided judges and other volunteers for Idaho Teach Engineering to Children design competition

Electron Devices Society activities

Held eighth annual Workshop on Microelectronic Devices (WMED).

WMED provides a forum for reviewing and discussing all aspects of microelectronics including processing, electrical characterization, design, and new device technologies. The workshop consists of invited talks, contributed papers, tutorials, as well as a poster session. Faculty, students, and researchers in industry are encouraged to contribute presentations on either completed research or work in progress.

Organized technical seminars during the year:

“The Physics and Technology of Nanonet Electronics” (Speaker: Prof. Muhammad Alam, Purdue)

“Resistance change materials: A new development in random access memory” (Speaker: Prof. Alex Ignatiev, University of Houston)

Computer Society activities

Sponsored state champion FIRST Lego League team, the “Super Smarties”

This all-girl team from Boise schools participated in Finals competition in Atlanta, GA.

Provided volunteers to work at Idaho State Science Olympiad competition

Organized two technical seminars during the year:

“Mobile Broadband Networking”, Miles Penrod, Cradlepoint Technology

Test-Driven Development Panel Discussion, joint meeting with Boise .NET Users Group

Held annual Fall banquet. Guest speaker Jitendra Kavathekar, President and CEO, Twiki.net, spoke on “The Social Enterprise: Getting Beyond Facebook”

Power Engineering & Industrial Applications Chapter activities

Reactivated chapter and organized two technical seminars during the year:

“Automatic Metering Infrastructure”, Mark Heintzelman, Idaho Power

“Renewable Energy for Your Home or Business”, Scott Gates, Idaho Power

Major Accomplishments in 2011 (to date)

Section activities

Section social activities:

Annual Engineers Week Banquet. “Idaho’s Energy Challenges, Resource Development, and Energy Policy”, Paul Kjellander, Idaho Office of Energy Resources

Section mixer (pizza and soda) held on evening before WMED workshop

Hosted Spring 2011 NE Area meeting.

Sponsored “Best Communications System” award at Idaho FutureCity competition.

Sponsoring three Boise-area FIRST Robotics teams, two of which advanced to 2011 Finals competition in St. Louis.

Provided judges at the 2011 Idaho Science Olympiad competition (GOLD activity.)

Electron Devices Society

Held ninth annual Workshop on Microelectronic Devices (WMED).

Hosted one other speaker event:

“FLOORS - Combining Process and Device Simulation toward Reliability”, Prof. Mark Law, University of Florida, IEEE EDS Distinguished Lecturer

GOLD activities

Provided judges for Idaho TECH (Teach Engineering to Children) design competition.

Section Communications

We use the following tools for section communications:

Website (ieeeboise.org). The section website publicizes our meetings, workshops, seminars, job information, and contacts for our section, chapters, and student branch. The site infrastructure is maintained by Kevin Turner, and any of the section OpComm members can post updates to the site. Our section secretary, Kristen Hopper, maintains the site calendar and ensures the overall content on the site is kept current.

Newsletters. We publish a section newsletter on a quarterly basis. It is distributed electronically to members that have provided IEEE with email addresses and in hardcopy format to the few who have not. Past newsletters are archived on our website. Our newsletter editor is Randy Wolff.

E-Notices. To reach the section membership we use a listserv-based section distribution list. This provides faster turnaround time than the IEEE E-Notice service.

In addition, we publicize our events through local media outlets (e.g. Idaho Statesman, KTVB-TV), including on their online community event bulletin boards, in order to attract potential members. We also work with company liaisons to publicize our events throughout their organizations.