

# IEEE Region 6 Awards – 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): Utah Section

Address: <http://ewh.ieee.org/r6/utah/>

Phone: 801-775-6315 e-Mail: dan.christenson@hill.af.mil

Officer: Dan W. Christenson

Title/Position: IEEE Utah Section Chair

IEEE Grade: Senior Member Date of Grade: April 22, 2011

Company: Type of Business, # of employees, etc. Government/Defense,


USAF – 660,000 employees; 748 Supply Chain Management Group – 925 employees

**Supporting information to be attached, as appropriate and applicable:**

- (a) Engineering Career (Brief Summary), (b) Education, (c) Research/inventions, (d) Contributions to engineering literature, (e) Contributions to IEEE activities, (f) Contributions to the community
- Outstanding accomplishments of the Section
- (a) Company contributions to engineering, (b) Company support of IEEE activities, (c) Company contributions to the community (monetary and other relevant contributions)
- Outstanding accomplishments of the Student Branch
- Region 6 Director's Special Award / Area Chair's Special Award

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<u>IEEE Utah Section</u> Section Name	<u>Jennifer Hershman</u> Name of Nominator (Section Awards Chair or Section Chair)
	<u>Awards Chair</u> Title of Signer/Nominator
Signature of Nominator (Section Awards Chair or Section Chair)	Date
<u>801-643-6644/jennifer.hershman@hill.af.mil</u> Phone / e-Mail	<u>April 26, 2011</u>
Signature of Area Awards Chair or Area Chair (for Region Awards)	Date



**TO:** ELISA BARNEY SMITH, IEEE REGION 6 NORTHEAST AREA CHAIR  
**FROM:** JENNIFER HERSHMAN, IEEE UTAH SECTION AWARDS CHAIR  
**SUBJECT:** NOMINATION – IEEE UTAH SECTION - OUTSTANDING SECTION AWARD  
**DATE:** MARCH 26, 2011

UNDER the direction of the section Chair, it is a pleasure to nominate the IEEE Utah Section for the Outstanding Section award. Following is a brief summary of the section's dedication and service to the engineering community and to IEEE.

### SECTION PROFILE

In recent years, the IEEE Utah Section has sustained high-growth. It received the 2008 IEEE-USA Membership Growth Challenge after achieving the largest percentage increase of all IEEE sections in the USA. The high growth has been sustained. As per the SAMIEEE database, there were new members for the Utah Section in 2010, with the growth accelerated so far in 2011, resulting in the section now having approximately 1,600 active members (See attached GEO Active Member Counts).

Included in this growth, the section has had four “Senior Member Grade Elevation Events” in the past year.

The Utah Section has the following active societies and affinity groups:

- GOLD – Graduates of the Last Decade
- PACE – Professional Activities Committee for Engineers
- SP/Com – A combined Signal Processing and Communications Society Chapter
- C16 – Computer Society Chapter
- PES – Power and Energy Society Chapter
- WIE – Women in Engineering Society Chapter

The Women in Engineering (WIE) is new, beginning operations in 2011. These societies are active, with activities planned in the near future.

The ExCom also has been active in organizing and coordinating activities, promoting growth and improving IEEE membership for those within the section. This activity is indicated by the growth of the ExCom itself, which went from six members in early 2008 to 20 in early 2011. There are currently 20 members of the ExCom, with a regular attendance of over one dozen committee members each meeting. The ExCom meetings are held the fourth Tuesday of each month.

## ACTIVITIES

### CONFERENCES AND MEETINGS

In the span reaching from the last year and a half up to later this year, the Utah Section has sponsored or supported (or will be), a total of four major IEEE conferences and meetings and one major conference not affiliated with IEEE:

- IEEE AUTOTESTCON 2010 – September 12-15, Baltimore, Maryland
- IEEE Region 6 Fall 2010 Meeting, September 24-25, SLC Marriott City Center
- IEEE ★USA 2011 Annual Meeting – March 03-06, Austin, Texas
- 2011 Utah Renewable Energy Conference – April 19, Salt Palace, SLC, UT

### TECHNICAL AND SOCIAL MEETINGS

The section sponsors a variety of activities, and locates the activities in different geographic areas within the section boundaries, in order to be as inclusive as possible and to encourage greater involvement throughout the state. The section has also started providing web-casts of activities that involve speakers (beginning with the Truth, Lies and O-Rings presentation), so that members in more remote areas of the state can participate, and to help promote IEEE membership growth in cities that reside too far away to conveniently travel to those activities. Selected section activities have included:

- Special pre-screening of the ‘Harry Potter and the Deathly Hallows’ for IEEE members and their guests, November 18, 2010, Jordon Commons, SLC – Over 400 IEEE members and guests attended – the highest attended event on Utah Section history!
- Professional Licensure Presentation & Discussion, Nov 19, SL County, at the U. of U. Warnock Engineering Building by board member representing NSPE
- Holiday Dinner, Dec 4, Utah County, at the UVU Alumni House (Holiday dinners are rotated between different counties)
- The Power-grid Failures of August 14, 2003, held Jan 29, SL County, by Dr. Michael Curley, North American Electric Reliability Corp., Princeton, NJ
- UEC E-Week 2010 Awards Event, Feb 12, SLC and E&TM Awards, Feb 17, Davis County, HAFB
- Intel-Micron Flash Facility Tour, held Mar 23, Utah County
- Truth, Lies, and O-Rings (the Challenger story), held Apr 8, Weber County, WSU
- Utah Section Awards Ceremony, April 19, 2011, Maverik Center, West Valley City, UT
- Utah Section Awards Ceremony, July 27, 2010, Davis Conference Center, Layton, UT – Most awards ever presented during a IEEE Utah Section Awards Banquet!
  - 20 Elevations Recognized

- 9 Awards Presented
- 39 Papers/Technical Presentations Recognized

In total, the section has sponsored or supported dozens of IEEE related activities and meetings consisting of 20 section events in 2010.

## **SERVICE**

The IEEE Utah Section and its members provide significant service. Highlights include:

- R6 MD Chair – Randall Redondo, SP01/COM19 Chapter Chair.
- FIRST 2010 FRC (FIRST Robotics Competition) Regional Event, SLC, UT – March 18-20. IEEE Utah both supported this event with volunteers and sponsored a team. (The region includes 33 teams from about the same area as IEEE R6, with teams from California, Oregon, Idaho, Montana, Utah and Wyoming.) The IEEE Utah team did well, receiving the Engineering Inspiration Award, and also getting ranked at 9<sup>th</sup> place.
- Supported the Salt Lake Valley Science and Engineering Fair.

## **AWARDS**

### **AWARDS RECEIVED**

- National IEEE-USA Award for “Professional Service,” awarded to Gordon W. Young at the IEEE-USA Awards Ceremony, March 6, 2010, Nashville, TN
- Utah Engineering Council “Engineer of the Year Award,” awarded to Dan W. Christenson at the UEC Awards Banquet, February 12, 2010, SLC, UT

### **2011 SECTION AWARDS**

The Section revamped its award program, selected a new Awards Chair, and awarded following to IEEE members or affiliated organizations. These awards made them eligible for area awards within UEC and/or IEEE:

- UEC Engineer of the Year Award:
  - Mr. V. John Mathews (IEEE Nominee)
- IEEE Outstanding Engineer:
  - Mr. Dan W. Christenson
- UEC Educator of the Year Award:
  - Dr. Stacy Bamberg (IEEE Nominee)
- IEEE Outstanding Leadership and Professional Service Award:
  - Mr. Randall G. Redondo

- IEEE Outstanding Corporate Service to Engineering Community Award:
  - Morriss O'Bryant Compagni, P.C.

Dedicated members and recipients of the 2011 IEEE awards were recognized by the section with awards in the 2011 Award Banquet.