

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): Dan W. Christenson

Address: 1159 W. 75 N. Clearfield, UT, 84015

Phone: 801-678-7821 e-Mail: dan.christenson@hill.af.mil

Occupation: Engineering Manager

Title/Position: Director of Engineering 748 SCMG Air Force Global Logistics Center

IEEE Grade: Senior Member Date of Grade: 22 April 2006

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

United States Air Force – 660,000 employees


748 Supply Chain Management Group – 925 employees

Proposed Citation:

For outstanding service to the Engineering Community, and contributions to professional society, product development, engineering education, and engineering personnel processes.

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

<u>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)	
<u>801-643-6644/jennifer.hershman@hill.af.mil</u> Phone / e-Mail	<u>April 26, 2011</u> Date
Signature of Area Awards Chair or Area Chair (for Region Awards)	Date

Note: This nomination form with attached summary and description of service and accomplishments must be submitted by the Section Chair to the respective Area Awards and Advancement Chair, by April 30, 2011. Nominations received after this deadline may not be considered for awards.



UTAH SECTION

TO: ELISA BARNEY SMITH, IEEE REGION 6 NORTHEAST AREA CHAIR
FROM: JENNIFER HERSHMAN, IEEE UTAH SECTION AWARDS CHAIR
SUBJECT: NOMINATION – DAN W. CHRISTENSON - OUTSTANDING ENGINEER AWARD
DATE: 26 APRIL 2011

IEEE UTAH SECTION takes great pleasure in nominating Mr. Dan W. Christenson for the Outstanding Engineer award. Following is a brief summary of Mr. Christenson's qualifications for the award.

ENGINEERING CAREER

Mr. Christenson's almost 30 year career includes military contractor, public sector, research, development, and test experience. Mr. Christenson is currently a GS15, Director of Engineering within the United States Air Force responsible for execution of over \$1.1B in aircraft sustainment dollars. Mr. Christenson directs the engineering activities associated with over 30,000 part types. Mr. Christenson is a senior manager within a group of 925, is a recognized expert in Public Sector Engineering Management and acts as the primary mentor to over 1,000 scientists and engineers at Hill AFB Utah.

EDUCATION

Mr. Christenson holds a bachelors degree in Electrical Engineering Technology, a bachelors degree in Electrical Engineering, a masters degree in Computer Science and is a graduate of Air War College.

RESEARCH/INVENTIONS

Mr. Christenson has conducted research and development in numerous areas including: high temperature electronics, advanced automatic test systems, minimizing footprint of deployable support equipment, advanced coatings for high strength steel, flight-worthy I/O capable of surviving electromagnetic pulse, advanced self-test for imbedded computers, weapons control and integration for precision guided munitions, anti-shipping missiles, air-to-ground missiles and air-to-air missiles. His research is documented in multiple contributions to literature (proceedings, technical papers, texts, and deliverable technical data). His designs are in use on F-16, F-22, F-35, and Japan's F-2.

CONTRIBUTIONS TO ENGINEERING LITERATURE

Mr. Christenson has published engineering texts, peer-reviewed articles, and presented at technical conferences. Mr. Christenson is a contributing author to IEEE Systems, CrossTalk (The Journal of Defense Software Engineering), and COTS Journals. He is the author or co-author of 1 engineering text, and 44 technical publications, contract data items, and technical data and specifications.

CONTRIBUTIONS TO IEEE ACTIVITIES

Mr. Christenson is a Senior Member of the IEEE. Mr. Christenson has served in numerous IEEE positions including: Utah Section Chair (current), IEEE Utah Section Treasurer, Utah Section Senior Member Committee, IEEE AUTOTESTCON Board of Directors, AUTOTESTCON 2008 General Chair, AUTOTESTCON Track Chair, AUTOTESTCON Conference Author, Frank McGinnis Award Chair, Exhibitor, and IEEE Systems Journal Author, University of Utah (UoU) EE Senior Project Judge (IEEE standards), IEEE R6 NE Area Student Paper Judge.

Mr. Christenson has been active in IEEE for 13 years - 11 in I&M and AESS and the three as a member of the Utah Section Executive Committee: 2010 & 2011 Chair; 2009 Treasurer. He served a three year term as a member of AUTOTESTCON's Board of Directors.

- IEEE AUTOTESTCON 2008 General Chair:
 - Lead the Flagship Conference for I&M and AESS: Revenue was second highest of any ATC - \$1M, Highest number of Vendor Booths >300, Highest number of Paid Attendees >400, Highest number of Vendors >1000, Highest total attendees ~1700
 - Provided needed revenue for operating budgets of the sponsoring organizations: I&M, AESS, and Utah Section Received \$60,000+ each
- Utah Section Treasurer: Provided fiscal accountability for Utah Section's Budget
- Utah Section Chair:
 - Built successful Awards Program, Success! 2010 & 2011 UEC Engineer of the Year, R6 2010 Student Branch of the Year, R6NEA Section of the Year
 - Established Utah Section Senior Member Elevation Program: 4 elevation events and 16 new Seniors in 2010
 - Excess Revenue from ATC08 used for Utah Section activities including FIRST Robotics and Agile Roots
 - Grew local membership to 1600 active members
 - Held more than 20 technical and social events including the best attended event in Utah Section history (over 400 attendees)
 - Grew/stabilized Utah ExCom: Six members in early 2008 -> 20 in 2011, Established monthly meetings (average attendance >12)
 - Founded member Utah WIE in 2011

CONTRIBUTION TO THE COMMUNITY

TECHNICAL COMMUNITY

Mr. Christenson has served on UoU Industrial Advisory Board; acted as a Sponsor and Judge for UoU Senior Projects, Weber State University (WSU) Industrial advisory board; Systems and Software Technology Conference attendee, exhibitor, and administrator. Mr. Christenson has been a tireless advocate of higher education, bringing successful initiatives to the floor of Utah's State government including: collaborative Electrical Engineering Programs between Utah State University (USU) and WSU; distance learning programs for MEEE from USU and MSME from UoU. He is an active member of NDIA and has attended, presented, and exhibited at the Special Operations / Low Intensity Conflict Conference, Systems Engineering Conference, and Logistics Symposium.

LOCAL COMMUNITY

Mr. Christenson has served Davis School District as a Principal and Vice Principal Selection Committee member, Community Council as Chairman, Math Book Selection Committee, and Parent Teacher Student Association as President, Past President, and Member for 20 Years. He currently serves as part of the Community Service Emergency Radio Group (extra class amateur KD7FXO). Mr. Christenson has served his church for over 30 years in various leadership, administrative and teaching responsibilities – currently a youth Sunday School teacher and he has served the Boy Scouts of America 20+ years as a volunteer, leader, and administrator – currently Scout Master.

SELECTED IEEE RECOMMENDATIONS

Mr. Christenson received numerous recommendations from many supervisors, coworkers, subordinates and IEEE volunteers. These recommendations are posted in Mr. Christenson's LinkedIn profile at <http://www.linkedin.com/in/danchristenson>.

"Dan is a superb individual who has made a lasting impact on the IEEE Utah Section. His motivations and efforts are pure and his conduct is of the highest ethical standing. His reputation speaks for itself. When he was recently honored with the "Engineer of the Year" award from the Utah Engineer's Council, he pioneered a road of recognition for the future of the entire IEEE Utah Section. His thinking is crisp and clear and his judgements are solid and sure. I have been honored to serve with Dan and look forward to continuing to learn from his wise council and mentoring." June 9, 2010 [Jeremiah Jones](#), *Chair, Utah Section, IEEE Computer Society*

"I have worked with Dan in various capacities, most recently as Vice Chair of the IEEE Utah Section. Dan is a very capable and detail-oriented manager with a focus on getting the job done in the most expeditious way, whatever the task may be. He brings confident and congenial leadership to the IEEE Executive Committee, and is respected by all who know him. I highly recommend Dan Christenson. Paul C. Oestreich" September 15, 2009 [Paul C. Oestreich](#), *Registered Patent Attorney, Intellectual Property Attorney, Partner, Morriss O'Bryant Compagni, P.C.*

"I worked with Dan while he was General Chairman for the Autotescon 2008 Conference. He put together a great team and led them to a very successful conference. He was a leader involved with every aspect of the conference including financial, technical, documentation, exhibits, and social events. He was cooperative and a pleasure to work with." October 4, 2009 [Frank Reyes](#), *VP Finance AESS/Treasurer I&M Societies, IEEE AESS and I&M Societies*

"Dan was a superior general chairman of the IEEE AUTOTESTCON 2008, managing a top-notch committee who worked cohesively as a result of Dan's organizational style. AUTOTESTCON 2008 was a success due largely to Dan's leadership." September 25, 2009 [Judy Scharmann](#), *Director of Client Services, Conference Catalysts LLC*

"Dan was an exceptional manager in both software development and electronics manufacturing for me while I was Director of Technology and Industrial Support at OO-ALC. He has since progressed to the level of senior engineer in the supply chain at OO-ALC leading an engineering staff of several hundred professionals.. I highly recommend both his technical and managerial skills as "top 10%" who have worked for/with me in the last 35 years." October 13, 2009 [Kenneth Percell](#), *Director of Engineering and AFSO21, US Air Force*

"Dan Christenson recognized the importance of Air Force Total Ownership Costs and worked closely with me to help establish the AFTOC data warehouse at Ogden Air Logistics Center. This data warehouse is key to managing USAF expenditures, determining high cost drivers, reducing costs, and managing USAF as a business. Dan is also an expert in modular avionics, automatic test systems, and USAF supply." October 12, 2009 [Ellis Hitt](#), *President, Strategic Systems Solutions, Inc.*