



Erwin Gangl
Awards Chairman
15 September 2012
AEISS AWARDS



PIONEER AWARD

2012 Pioneer Award

Will be Presented to:

Dr. Asad M. Madni

at

2012 DASC

17 October 2012

Williamsburg, Virginia

for

*“For Seminal and Pioneering Contributions to the
Development and Commercialization of
Aerospace Electronic Systems”*

Johnny Vu, Nominator



WARREN D. WHITE AWARD

2012 Warren D. White Award

to

Dr. Braham Himed

“For Contributions to Advanced Space-Time Adaptive Processing, Bistatic and Over-The-Horizon Radar”



Was Presented at:

2012 Radar Conference

Atlanta, Georgia

10 May 2012



2009 Harry Rowe Mimno Award



Dr. The-Ho Tao and Professor Igor Y. Immoreev

for the November 2008 AESS Magazine Paper:

“Ultra-Wide Band Radar for Patient Monitoring”

Award was Presented to Dr. Tao* at the 2012 Radar Conference
10 May 2012, Atlanta, Georgia

*Professor Immoreev was Unable to Attend due to Illness

2010 Harry Rowe Mimno Award



to:



Eddie Crow, Jeffrey Banks, Karl Reichard, and Kenneth Nickell

for their March 2009 AESS Magazine Paper:

“How Engineering Can Conduct Cost-Benefit Analysis for PHM Systems”

Awards Presented at a Penn State IEEE Meeting
4 May 2012, State College, Pennsylvania



2011 Harry Rowe Mimno Award



to:

Professor Fredrik Gustafsson

for the July 2010 AESS Magazine Paper:

“Particle Filter Theory and Practice with Positioning Applications”

Award was Presented at the 2012 Fusion Conference

9-12 July 2012, Singapore

2009 M. Barry Carlton Award



to:

Dr. John W. Betz and Dr. Kevin R. Kolodziejski

For the October 2009 Two-Part Transaction Article:

***“Generalized Theory of Code Tracking with Early-Late Discriminator;
Part 1: Lower Bound and Coherent Processing and
Part 2: Noncoherent Processing and Numerical Results”***

Award was Presented at the 2012 PLANS Conference
26 April 2012, Myrtle Beach, South Carolina

2012 PLANS Walter Fried Best Paper Award



To: **Jahshan A. Bhatti**

With Co-Authors:

Todd E. Humphreys and Brent M. Ledvina for:

“Development and Demonstration of a TDOA-Based GNSS Interference Signal Localization System”

Presented at the 2012 PLANS Conference
26 April 2012, Myrtle Beach, South Carolina

2012 Fred Nathanson Memorial Radar Award

[Plus Nathanson Education Grant]

to:



Dr. Shannon Blunt

Was Presented at

2012 Radar Conference
Atlanta, Georgia

10 May 2012

Nominator: Professor Arvin Agah



Judith A. Resnik IEEE Field Award

2012 Judith A. Resnik Award

to



Prof. Pramod Kumar Varshney

IEEE Fellow and Distinguished Professor,
Syracuse University, Syracuse, New York
AESS Distinguished Lecturer on “Multi-Sensor Fusion”

*“For Contributions and Leadership in the Theory and Practice of
Multi-Sensor Data Fusion for Aerospace, Bioengineering and
Control Applications”*

IEEE AESS

Outstanding Organizational Leadership Award

This award is to recognize candidates that have the unique capability of conceiving and organizing innovative and successful events, who excel as visionaries and/or organizers of events, especially over time and on a global basis, in the AESS fields of interest that benefit these fields and also meet IEEE's vision of "enhance global prosperity".



- IEEE Logo
- AESS Logo
- Award Name
- Winner's Name
- For ...
- Award Date
- President's Signature



No Awards To Date (Sep 12)

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BOG Service Plaques



CRITERIA

- Present “BOG Service Plaque” to Members-at-Large when they are ‘Permanently’ going off the Board
- Present an “AESS Presidents Plaque” at the Last BOG Meeting when the President finishes his/her Term
- Present “Exceptional Service Award” to Members When Recommended by the BOG or AESS President

BOG Service Awards Presented at the 14 Sep 12 BOG Meeting

- **James Howard** (BOG 2007 – 2012), (VP Member Services 2006-2011)
- **Reza Dizaji** (BOG 2010 – 2012), (VP Industry Relations 2012)
- **Reece Lumsden** (BOG 2010 – 2012)
- **Theodora Saunders** (BOG 2007 – 2012),
(VP Tech Operations 2010-2012), (Secretary 2006-2009)
- **Frank Reyes** (BOG 2010-2012), (VP Finance 2008-2009),
(Secretary 2011-2012)

Action Items

➤ Modification of Walter Fried Award to Increase by \$200 the Bi-Yearly IEEE Foundation Fried Payment to \$1,200 Total (Sum of Plaque & Stipend)

➤ Increase the Pioneer Award Honorarium from \$2,000 to \$3,000 Starting in 2012*

(*Rational: The Pioneer Award is the Premium Award of AESS and should Carry a Higher Honorarium than Other AESS Awards like the White or McGuiness Awards)

➤ Recommendation by Reza Dizaji to Modify the Outstanding Organizational Leadership Award to Include Industry Management Recognition**

(**Rational: To Provide A Way to Get More Industry Involvement in AESS)

➤ Working on Old Action Items

- Document Cost of Awards
- Investigate – Pioneer Award **Must** be Given at an AESS Conference
- Document Awards Process
- Check Into Status of Transportation Award
- Pioneer Award Data Including Recorded NAECON Luncheon Talks