



## CROW CALL

The newsletter of the Association of Old Crows – Capitol Club

February, 2016

### President's Corner

by Jim Tabor



It is my distinct pleasure to serve as your AOC Capitol Club president. Since taking office last

September, your Board of Directors have been busy planning collaborative and social activities to help each of you get more out of your AOC membership. As a part of this effort, we are going to a monthly newsletter to share what your fellow members have been up to and to help you take advantage of what's coming up. Our chapter is the oldest and largest organization in the AOC and possesses the greatest mix of technical and policy talent in the association. We all need to benefit from this. That's why we're taking time to highlight a member and one of our sponsors in each issue. The more we know about each other, the better we can collaborate and ultimately advocate for the warfighter.

Another great way to collaborate is to serve on a committee. You'll get to know your club Board of Directors and network with other EW professionals. Some of the opportunities are short-term, others allow you to stay involved on an ongoing basis. Volunteer opportunities are not limited to the ones listed here. If you have a burning talent for organization or promotion, we'd like to hear from you. Greater collaboration is my primary goal for the Capitol Club. Whether your expertise is in EW, cyber, EMSO, or CEMA there is a fellow Crow who needs to know more about what you do. As John Knowles said in the January JED "If we don't share ideas and experience, how are we going to advance new operational concepts and field new technologies". I hope you'll join me and the rest of the Capitol Club Board in making 2016 the year for collaboration.

### Members Focus

by Donya He



We get questions like why should we join AOC? What do we do? What can we get out being a member? Great questions! The Association of Old Crows (AOC) is a not-for-profit international professional association with over 13,000 members and 200+ organizations engaged in the science and practice of Electronic Warfare (EW), Information Operations (IO), and related disciplines. AOC capital club serves the DC metro area, we have 950 members as of Feb 2016. There are 16 new members joined in Jan. 2016. We are anticipating more to be part of the family.

AOC capital club is the organization for individuals who have common interests in not only Electronic Warfare and Information Operations, but also Electromagnetic Spectrum Management Operations, Cyber Electromagnetic Activities (CEMA), Signal Intelligence (SIGINT), ELINT; Modeling and Simulation; Directed Energy; UAV/UCAV Payloads; Passive and Covert Radar systems; Joint Suppression of Enemy Air Defenses (JSEAD); Navigation Warfare; EO/IR; Intelligence, Surveillance, & Reconnaissance (ISR); Airborne Electronic Attack; Spacecraft and Satellite Protection and Time Sensitive Targeting; Homeland Security and more.

We provide means of connecting fellow members and organizations across government, defense, industry, and academia to promote the exchange of ideas and information, and provide a platform to recognize advances and contributions in these fields.

*(continued next page)*

## Volunteer Opportunities

**Capitol Club website** – Drive members and visitors to our website by helping us keep the site up to date and evolve its look and feel. Thanks to modern tools like Wix, you don't need to know html to post a great looking website. We are looking for a volunteer to evolve the club website to be more of a resource for our members. If this volunteer activity interests you, contact Jim Taber [jim.taber@xcomsystems.com](mailto:jim.taber@xcomsystems.com).

**Social Media** – We are always looking for content for our Facebook and LinkedIn sites. While most of you get your club 'happenings' from our very own "Flack" John Irza via email we have an ever growing segment of our membership using more modern outlets. If this volunteer activity interests you, contact John Irza [john.irza@gmail.com](mailto:john.irza@gmail.com).

**Outreach** – One of the best parts of being a Capitol Club member is getting together with fellow Crows over a beverage or an evening social activity. We are looking to hold events where our members hang out as it is often impractical to travel to the District, for example for a lunch time or evening event if you live west of the outer loop. Kathleen has a number of idea to increase collaboration with your fellow club members. Get in touch with her if you'd like to help build the club's outreach efforts. [kathleen.a.reilly@raytheon.com](mailto:kathleen.a.reilly@raytheon.com) (571) 250-1591

**Scholarship Program** – The Capitol Club has an excellent working relationship with Virginia Tech's Hume Center. Their efforts are preparing some of the best minds for careers in Electronic Warfare and related disciplines. We need some help to keep this program going, as well as reach out to undergrads and high schools in the DC area. If this volunteer activity interests you, contact Jim Taber [jim.taber@xcomsystems.com](mailto:jim.taber@xcomsystems.com).

*(continued next page)*

## Members Focus – *continued*

We also serve our members by offering lunch and learn sessions, the continuing education courses in the fields listed above. We offer member social gathering events where members can collaborate.

There are many other benefits to members, including publications - monthly professional magazine, the Journal of Electronic Defense, which includes news, information, technology updates, and articles on many aspects of defense electronics and information operations; key events, and conferences. We encourage people to join the upcoming events and more to come:

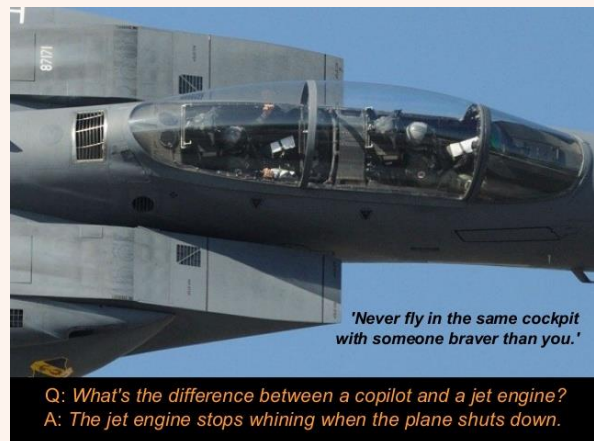
The [Annual AOC International Symposium and Convention](#) - Which is the premier event for electronic warfare and information operations professionals from around the world.

[8th Annual EW Capability Gaps and Enabling Technologies](#) Operational & Technical Information Exchange.

Fellow AOC members, let's get connected, collectively, we can make a difference!

## Humor

Every branch of the armed services has its own brand of humor. We feature some "gems" in this column (AKA filler material) to keep you smiling!



## Volunteer Opportunities *cont'd*

**Bylaws and Constitution** – Let's just say it's been a while since we've updated our founding documents. While most of the content is consistent with today's Capitol Club operation and values, there are a number of areas we need to make updates.

This is a fairly short-term effort so if you've got a few hours you like to volunteer to the club, contact Jim Taber  
<mailto:jim.taber@xcomsystems.com>

**Annual Symposium** – Past President, Bob Lindseth is always looking for volunteers to help him plan and staff the many duties necessary to make our national convention a success. Over 50 Capitol Club members donated their time and talent last year and in return, received a complementary pass to the symposium. This is a great way to give back to the club and build your network of EW professionals at the same time. It's never too early to let Bob know you'd like to be a part of this dynamic group.  
[Bob.Lindseth@RCN.Com](mailto:Bob.Lindseth@RCN.Com).



Dr. John O'Hara provides an engaging presentation on the ways technology has played a crucial role in the success of the NSA.

## February Luncheon:

The Capitol Club was honored to have Dr. John O'Hara as the presenter for the February 2nd luncheon meeting. Dr. O'Hara provided fascinating insight into the manner in which technology has enabled the success of the NSA's mission.

As a distinguished technologist, Dr. O'Hara has provided solutions critical to many historically significant events. He has often been on the "front lines" of unfolding events, applying technology to situations critical to the national interest.

In 1966 he was the engineer who decoded and printed out the pictures from the Soviet Union LUNA 9 satellite, the first man-made object to make a soft landing on the moon.

Dr. O'Hara is currently a consultant to NSA's Center for Cryptologic History and member of the AOC Senior Advisory Board

Once again our luncheon meeting was held in the fine facilities of [Schafer Technology Management](#), conveniently located at 3811 North Fairfax Drive in Arlington, a few steps from the Orange and Silver line Metro stops.

**NOTA BENE:** Future luncheon meetings held at Schafer will require attendees to provide proof of US citizenship, either in the form of a US birth certificate or US passport.



Programs Chair Kevin Crouse presents Dr. O'Hara with the much coveted AOC Capitol Club "puck."

## Capitol Club Board of Directors

Let us hear from you. Is there something you especially like or would like to see more of from the Capitol Club, contact one of your friendly Board members below and let them know what we can do to better represent your interests as a Capitol Club Crow.

**Jim Taber – President**

Jim.taber@xcomsystems.com  
(571) 422-3990

**Geoff Leighton – Past President**

geoff.leighton@termana.com  
(703) 331-5800

**Troy “Bucket” Orwan – Vice President**

orwantd@gmail.com  
(703) 699-3487

**Bill Reed – Secretary**

William.Reed@parsons.com  
(202) 404-4735

**Pete Friesen – Treasurer**

friesenp@cox.net  
(703) 731-3869

**Donya He – Membership**

donyahe01@yahoo.com  
(301) 335-9476

**Jeff Snyder – Sponsorship**

jeffrey.c.snyder@raytheon.com  
(703) 284-4356

**Kevin Crouse – Programs**

CrouseKL@aol.com  
(703) 795.1855

**John Irza – “Flack” Newsletter**

john.irza@gmail.com  
(781) 648-2144

**Kathleen Reilly – Outreach**

kathleen.a.reilly@raytheon.com  
(571) 250-1591

**Joel Harding – IO Programs**

joel.k.hard@gmail.com  
(703) 362-8582

**Chopper Lamb – MAL**

(Past mid-Atlantic Regional Director)  
ddlamb@verizon.net (703) 623-0848s

## Did you know... Scholarships!

The AOC Capitol Club chapter provides scholarship awards to the greater Washington DC area Universities (Washington DC, Maryland and Virginia) with engineering programs preparing students for potential careers in Electronic Defense and Warfare. A scholarship of \$2,500 will be awarded annually.

The scholarship program is administered by the Association of Old Crows Capitol Club, a chapter of the Association of Old Crows (AOC), the Electronic Warfare and Information Operations Association, a 501(c)6 international not-for-profit association.

The Capitol Club operates a separate 501(c)3 education foundation from which its scholarship program is administered. An application for this \$2,500 scholarship opportunity is [online](#).

Here are our most recent winners.



ANDREW ROGERS  
2016 WINTER RECIPIENT  
Virginia Polytechnic Institute and State University



MARC LICHTMAN  
2015 WINTER RECIPIENT  
Virginia Polytechnic Institute and State University



## Sponsor Spotlight: *Tetrad Digital Integrity*

Founded in 2001, [TDI](#) has grown into a world-class consulting firm offering cyber security services to government agencies and commercial clients around the world. Since inception, TDI delivered hundreds of cyber security initiatives, establishing outstanding credentials in vulnerability assessments, penetration testing, Assessment & Authorization / Certification & Accreditation, compliance, disaster recovery and business continuity, incident response, network security, and all areas of cyber security engineering. Our main goal is to bring superior cyber security services to our customers while fostering a challenging and welcoming work environment for our employees.

TDI's employees pursue the latest developments in cyber security through active lecturing at international conferences (ISACA, ISSA, CPM West Conference, GE, NetScout, NACACS, ISACA International Conference, Network Security Conference, Information Security Management Conference, InternetWorld UK, ACSAC, George Mason University, etc.), publishing articles (SecurityFocus, Secure Computing Magazine, etc.), conducting interviews to a worldwide audience (MSN, EuroNews, Center for a New American Security, etc.), and working on the cutting edge of cyber security development programs, particularly through TDI's internal research and development program, ArxLabs.

TDI holds numerous prime contracts and provides services to a client list that includes the likes of U.S. Navy, IARPA, NCIX, DARPA, British Telecom, USDA, USMC, U.S. Army, Military Sealift Command, NASA, DISA, DoED, NIH, HUD, DEA, DOE, Smithsonian Institution, DeutscheBank, Credit Suisse First Boston, International Monetary Fund, GSA, the Federal Retirement Thrift Investment Board and Monster.com.

also supports the Electronic and Cyber Warfare Division in assessing programmatic requirements, reviewing EW and CW policy and strategy, validating sufficient manpower and training requirements, and ensuring Electronic and Cyber Warfare programs are programmed to an acceptable level. TDI also provides strategic and operational level support for liaison with commands, activities, units, and organizations, to include but not limited to Service, DOD, and/or International, external to the Electronic and Cyber Warfare Division. This requires supporting the preparation of cogent power point presentations, briefs, information papers, impact and risk mitigation papers, and attendance at meetings that assist N2/N6 government personnel in identifying, assessing, prioritizing, validating and adjudicating and programming for Navy & Joint Electronic and Cyber Warfare capabilities and requirements. In addition, efforts include assessment, analysis and recommendations of policy papers concerning the use of cyberspace and the Electromagnetic Spectrum (EMS).

TDI's CEO established and currently chairs the charitable "White Hat USA" organization - established with the goal of raising money, through the cyber security community, to help children at Children's National Medical Center. This is in keeping with TDI's values which foster the belief that not only should we provide a stronger cyber security community but a healthier community for all.

TDI is headquartered in Washington DC, with additional locations in Maryland, Virginia, and the United Kingdom; our employees are also deployed in Singapore, Guam, Bahrain, Japan, and around the globe.



Paul Innella, CEO - Tetrad Digital Integrity  
[www.tdisecurity.com](http://www.tdisecurity.com)

## Capitol Club Sponsors

Get Recognized - Help the Future Warfighter

Capitol Club sponsors are the lifeblood of our chapter. They provide the much needed financial support for our chapter events and fund our EW scholarship programs. Without your help the Capitol Club would not exist. For an annual contribution of only \$250 you can have your company logo posted here in our newsletter as well as on our web site with both venues providing a link to your website. Sponsorships are also available at the \$2000 level to give your firm even greater visibility by highlighting your logo on every page of the Capitol Club website. All donations are tax deductible as our Educational Foundation is a 501(c)3 organization.

