



Your participation is critical. Please exercise your right to vote for your AOC Board of Directors representatives.

You can familiarize yourself with the candidates with this election guide. This information describes the candidates' backgrounds, leadership styles and contributions to the AOC. The 2019 Nominating Committee carefully considered the impressive nominations it received before selecting this year's candidates. The slate of candidates was subsequently approved by the AOC Board of Directors. We are grateful to all of those who participated in this process and applaud those willing to submit their names for consideration.

Thank you for your continued support of AOC. Let your voice be heard by casting your vote for the new leaders of your association!

PRESIDENT



Glenn "Powder" Carlson

Glenn "Powder" Carlson retired from the USAF as a Lt Col after more than 23 years of service and has over 33 years of EW experience, and he is a Life Member of the AOC. He received his Bachelors of Science in Electrical Engineering and was commissioned in the United States Air Force at Norwich University in 1984. He has

also earned a Masters in Aeronautical Science from Embry Riddle Aeronautical University. He served as a B-52 Electronic Warfare Officer (EWO), Instructor, Evaluator, Flight Test, and numerous Wing and Staff positions at Loring, Castle, Offutt, Barksdale and Langley Air Force Bases. He earned Defense Acquisition University (DAU) Acquisition Professional Development Program (APDP) level 1 certification in Test & Evaluation, System Planning Research and Development Engineering, and Program Management while assigned to the 513th Engineering and Test Squadron as the B-52 EW Reprogramming chief. He deployed in support of Operations DESERT SHIELD, ENDURING FREEDOM, Pacific Deterrence during IRAQI FREEDOM and many International exercises around the globe. He also served as an instructor/research advisor and course director at Air Command and Staff College. His final assignment was to Headquarters Air Combat Command (ACC), Langley Air Force Base as Chief Airborne Electronic Attack (AEA), where he championed EW programs across Fighter and Bomber portfolio, Miniature Air Launched Decoy (MALD), MALD-J and Compass Call before retiring in 2007. He then worked as a Senior Systems Analyst for MacAulay Brown at ACC working numerous EW programs including Compass Call, MALD and F-15 EPAWSS. He is currently the Electronic Attack Capability Group Lead within Electronic Combat Solutions, at

BAE Systems in Nashua, NH overseeing a team of over 40 engineers supporting over two dozen programs.

Powder has been an active member of the AOC since he joined in 1986. He has been a member of a number of Chapters across the United States and has served in various positions to include; Vice President, Treasurer, Secretary, Awards and Membership on the local Board of Directors for the Strat Roost, Tidewater Chapter, and currently the Granite State Roost. He has served on the International Board since 2013 and has been the Secretary, on the EXCOM, Awards Chair, and has served on the Membership, Awards and Human Resources Committees. He currently serves as the Conference Chair and Northeast Region Director on the International Board.



Craig Harm

Craig has a deep and vested interest in advancing the future of EW through our Association, believing the EW community stands at the cusp of resurgence within the DOD and our partner nations. The AOC is in the position to take the lead in shaping this resurgent future of EW. Our foundation of members, chapters and events

makes us uniquely qualified to be at the forefront of the advancement of EW. By expanding education programs, increasing membership, adding new chapters, hosting EW community conferences and events, as well as organizing government and industry advocacy efforts, we continue to broaden and bolster the world's understanding of EW and the imperative to get EW correct. We must capitalize on the hard work and successes of our past efforts and continue to advance them in serving our membership and our customers with the best EW professionals we are capable of growing.

The efforts to regrow EW experience levels within the DOD demands we continue to increase and inform our AOC membership to support and advocate for EW to prepare the next generation of EW leaders. Recent efforts to reinvigorate EW resourcing is bringing even more importance to our advocacy for a further understanding and application of EW. With counter-capabilities becoming available to a wide range of adversaries, the AOC will grow our relationship with the Intelligence Community to stay ahead of and influence future technology capabilities. With the world's most extensive network of EW professionals, our goal is to be where people and organizations turn to when they think EW.

Craig 'Magnum' Harm is a retired US Air Force colonel with over 35 years in Intelligence, Operational Test and Evaluation, Planning, Information Warfare and Electronic Warfare. As a previous and current Director of the AOC's Board of Directors, Craig understands the activities, interests and business of the AOC and its community of chapters, across the globe. As Deputy Chief of Staff, and the IO/Cyber Policy Deputy Division Chief, he led USSTRATCOM's entrance into IO and EW. While Vice Commander of the National Air and Space Intelligence Center, Craig was responsible for a broad range of products and services related to EW, including threat and technology assessments, threat system modeling and EW data systems. His experience developing Air Force requirements for EW and IO capabilities, coupled with his years in Test and Evaluation give him a grasp and understanding for the needs of new systems and programs to effectively integrate into active operations. Craig served as an EC-130 Compass Call squadron commander and led his squadron in combat during Operation Iraqi Freedom. He has chaired multiple AOC conferences, presented at the AOC National Convention and worked numerous projects for various DOD organizations. He authored USSTRATCOM's Multi-Domain Engagement strategic concept for contested environments, directed cyberspace projects and led various EW modeling and simulation projects supporting Live Virtual Constructive environments.

An Operation IRAQI FREEDOM veteran, his flying experience includes combat, operational and flight test tours in the EF-111 and EC-130H Compass Call.



Rich Wittstruck

Dr. Rich Wittstruck has over 30 years of experience in national and international defense. He is responsible for executive leadership and oversight for design, development and demonstration of field experiments for C4ISR, integrated Cyber-Electromagnetic Activities, RSTA and Force Protection networked capabilities to enable the

joint and coalition force to achieve full spectrum dominance.

He served in the US Army's Program Executive Office for Intelligence, Electronic Warfare and Sensors (PEO IEW&S) culminating as the Deputy Program Executive Officer responsible for the executive management of a \$17 billion program portfolio providing Army, joint and coalition forces with ISR, EW, Cyber and sensor systems. He is a senior advisor to NATO Headquarters in the fields of JISR, EW and C2 policy and trial. He is the NATO Chair Emeritus, Joint Capability Group for ISR, NATO Vice Chair Emeritus for All Source Intelligence Integration Sub-Group, and a former member of NATO's Joint ISR Project Group coordinating all Joint ISR efforts across the NATO alliance. He has also served in the Research and Development arena in both civil service and industry. Dr. Wittstruck holds a Doctorate Degree in Electrical & Computer Engineering from Rutgers University, a Master of Science Degree in Physics from the Polytechnic Institute of New York and a Bachelor of Science Degree in Physics from St. Johns University. Dr. Wittstruck has authored 19 journal articles, technical reports, conference proceedings and been awarded five US patents. He serves on the Editorial Advisory Board, The Journal of Electronic Defense, and is an At Large Director & Vice President of the global Association of Old Crows Board of Directors. He is a Senior Member of the Institute of Electrical and Electronic Engineers.

The AOC is a global community of trusted professionals committed to excellence, applying strategic, pioneering & resilient solutions to the world's toughest technological problems. Following this rich legacy, he believes he embodies these values and can serve the AOC as its president. His breadth and depth of international experience coupled with his technical and business acumen in AOC competencies makes him uniquely qualified to understand and discern the needs of our multifaceted community shaping the administration and strategic navigation of the AOC. He envisions the future for the AOC to be bright and we must continue to integrate related communities of interest into our AOC. These communities include but are not limited to: artificial intelligence, big data analytics, converged SIGINT/EW/comms, and space. The AOC's strength is its members. He will continue to advocate for continuing education, professional development and certification for our members. Looking to the future, he is passionate on mentoring our young crows via a robust STEM curriculum. Our 2018 Symposium STEM exhibit educated over 1,000 participants, and he was proud to be one of its coordinators. We must strive to continue to offer a robust scholarship program. As the former AOC national scholarship director, he knows the difference a scholarship makes in a young professional's life. An investment in such young members is an investment in our future. Global government and industry affairs is another key area which the AOC must continue to cultivate. Policy is the primary retardant of technological advancement. The AOC must use its government and industry communities to shape, influence and educate our national leaderships to legislate effective policies and statutes that foster the advancement of our core competencies. He looks forward to serving you as your President.

AT LARGE



Nino Amoroso

In his over 30 years of involvement with the AOC, Nino Amoroso has been the chairperson of various activities and committees, including chairing symposia at the chapter, national, and international levels. Nino has over 42 years of both operational and procurement government and industry experience within the Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR), information operations and electronic warfare communities, where he has spearheaded new initiatives and directed the procurement of Air Force, Joint systems, special operations capabilities, counter-narcotics centers, coalition, command and control networks, aerial ground surveillance systems, and the rapid acquisition of critical technologies. He has had government and corporate responsibility for the planning, identification, and execution of programs within the C4ISR area, and he has held government leadership positions up to the System Program Office and Division level. Nino has also represented corporate organizations to senior government and industry across many focus areas, including the US Air Force, the US Intelligence Community, Battle Management, Aerial Ground Surveillance Systems, Battle Control Systems, International C4ISR programs, and Homeland Security (HLS). Nino holds a Bachelor of Arts degree from the Catholic University of America and a Master of Science degree from the University of Southern California. He is also a graduate of the Air War College, Federal Executive Institute, and programs within the Defense Intelligence College and Defense Acquisition University. In addition to military and civil service awards, he has also received two AOC awards, the Lifetime Achievement and Support the Intelligence Community awards, and other awards including the Hal Gershanoff Silver Medal for Electronic Warfare and Information Operations.

control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR), information operations and electronic warfare communities, where he has spearheaded new initiatives and directed the procurement of Air Force, Joint systems, special operations capabilities, counter-narcotics centers, coalition, command and control networks, aerial ground surveillance systems, and the rapid acquisition of critical technologies. He has had government and corporate responsibility for the planning, identification, and execution of programs within the C4ISR area, and he has held government leadership positions up to the System Program Office and Division level. Nino has also represented corporate organizations to senior government and industry across many focus areas, including the US Air Force, the US Intelligence Community, Battle Management, Aerial Ground Surveillance Systems, Battle Control Systems, International C4ISR programs, and Homeland Security (HLS). Nino holds a Bachelor of Arts degree from the Catholic University of America and a Master of Science degree from the University of Southern California. He is also a graduate of the Air War College, Federal Executive Institute, and programs within the Defense Intelligence College and Defense Acquisition University. In addition to military and civil service awards, he has also received two AOC awards, the Lifetime Achievement and Support the Intelligence Community awards, and other awards including the Hal Gershanoff Silver Medal for Electronic Warfare and Information Operations.



Brian Hinkley

CAPT Brian Hinkley, USN (Ret.) served almost 30 years in uniform in the EW, EMSO and CEMA communities as a Navy Electronic Counter Measures Officer (ECMO), having had the opportunity to support all Services with command of VAQ-135, the Fleet EW Center (FEWC) and JCCS-1 in Iraq. Additionally, he transitioned to a role specifically

in EW as a Government contractor, contributing to service programs for the NSWC Crane, NSWC Dahlgren, Navy Marine Corps Spectrum Center, the FEWC and the Navy's Information Warfighting Development Center (NIWDC). Today he is excited

to be in the middle of enhancing Fleet EW and IW readiness, actively participating with all Services, industry and academia advocating for strengthening current and future capability and capacity for maneuvering and winning inside the EMS battle space.

A member of the AOC since 1995, on the AOC International BOD since 2014, he has held leadership positions in AOC Ethics, Awards, Membership, STEM and Scholarship Committees. He continues to attend and speak at AOC conferences across the country and takes particular interest in talking to individual members to get insights and advocate for ways for AOC HQ to assist local Chapters.

Brian's platform for election is to continue to serve with passion and commitment for our AOC members and community, leveraging his AOC, Navy and Industry background, and to ensure all Services are equitably represented on the AOC BOD. Multi-Service leadership best represents our members, and is critical to successful advocacy in the Pentagon and on Capitol Hill.



Dr. Haruko Kawahigashi

Dr. Kawahigashi is a chief researcher of Information Technology R&D Center of Mitsubishi Electric Corporation. Haruko received her PhD in Electrical Engineering from the University of Tokyo. She joined Mitsubishi Electric Corporation after graduation, where she has been engaged in research and development of commercial carrier

networks, defense networks, and EW. She has written over 100 conference papers and obtained 45 patents in Japan, the US and Europe.

Dr. Kawahigashi founded AOC Japan Chapter EW research group and has organized its annual conferences since 2012, cosponsored with IEICE (Institute of Electronics, Information and Communication Engineers) Japan. The annual conference has stimulated the AOC Japan Chapter and EW R&D community in Japan. She has participated in AOC annual symposium every year for the past eight years and has presented technical papers in majority of them.

Dr. Kawahigashi published Japanese version of EW101, 102, 103 and 104 by Dave Adamy, co-translated with her ex-colleagues in Mitsubishi Electric. These are the first and the only EW technical book series in Japanese, and printed over 10,000 copies overall. They enlightened Japanese people on EW as a defense science.

She believes that the importance of Asia is increasing and that an additional board member from Asia helps collaboration of allied countries in and out of the district to make AOC truly international. She also believes that every member of AOC should find one's interest in AOC activity regardless of

background (industry, academia, government), technical areas (EW, communication), life stage, gender, international areas. If elected, she will seek to represent diverse opinions.



LTC Gary M. Lyke

LTC Gary M. Lyke, USA, currently serves as the Operations Branch Chief at the Joint Electromagnetic Preparedness for Advanced Combat (JEPAC) at Nellis AFB, NV. Prior to his joint assignment, he served as the Military Deputy and Chief of Operations, TCM-EW, Cyber Center of Excellence; the Chief of Cyberspace Electromagnetic Activities

for the US Army Pacific (USARPAC); and as the Division Electronic Warfare Officer for the 25th Infantry Division at Schofield Barracks and 1st Armored Division in Iraq.

He was commissioned as a Field Artillery officer in the United States Army upon graduation from the University of South Alabama in 1997. He holds a Master's Degree in Civil Engineering from the University of Missouri – Science and Technology.

Lieutenant Colonel Lyke became an AOC member shortly after joining the Electronic Warfare Community in 2009. Since joining, he has served as an appointed director on the board, assisted in establishing two chapters and a scholarship program, assisted in the coordination of the annual AOC STEM exhibit and participated in various AOC committees. As a former president of the Diamond Head Roost, he assisted in the development and sponsoring of four AOC PACOM conferences. Gary currently serves on the AOC Board of Governors

His goals as an At-Large Director include but are not limited to:

- Partner programs with industry and academic institutions,
- Outreach to middle and high schools to encourage STEM, and
- Support to partner associations such as AFCEA and TechNet

Lieutenant Colonel Lyke has been married to Nichole since 1997.



Darin Nielsen

Darin Nielsen received his commission through NROTC in June 1989 at the University of Utah. He received his Naval Flight Officer wings in July 1992. He completed Replacement Bombardier/Navigator training at VA-128 upon which he received orders to the Green Lizards of VA-95. He completed two cruises with CVW-11 aboard the

USS Abraham Lincoln. Darin transitioned to the EA-6B and received orders to VX-9. As an Operational Test Director, he was the HARM Project Officer on the HARM Block IIIA/V and HARM

Block VI programs. He also participated in operational testing to support the introduction of the UEU, Band 9/10 transmitter and Block 89A. As a Naval Reservist, he served as OIC of NR MOCC EPAC 0176, as an IO Planner with NR NIOC San Diego, and as a staff planner with NR CNFK HQ, before retiring in July 2009.

Since leaving active duty, Darin has worked in the Electronic Warfare Data Systems (EWDS) lab as a sensor engineer supporting reprogramming requirements for the ALQ-99 and ALQ-218. He was a principal designer of the ETIRMS NG, which eventually became the basis for the ETIRMS UPC. Later, he was the ICAP II Block III Assistant Block Lead and Software Project Manager for the OFP development at the EA-6B WSSA. From 2005 to 2013, he worked as part of the Jammer Technique Optimization (JATO) Fleet Liaison Team, supporting EA technique testing and development, and technical TTP documentation. He is currently the Pacific Region Director on the AOC Board of Directors, serving as Education and then Communications committee chair. He is currently the San Antonio Operations VP/Site Lead for Elbit Systems.



Kenneth "Kilo" Parks

Kenneth "Kilo" Parks has been actively engaged in the Electronic Warfare, EMS and Information Operations communities for over 33 years. He is a recognized leader both in and out of uniform.

With his EW/IO background, his previous and current work with Industry, and his previous work as a member of the AOC Board of Director

and Treasurer, Ken is most qualified to serve the needs of the members of the AOC as an At-Large Director.

Ken has led three EW/IO military commands with increasing EW/IO/Cyber responsibilities. He has worked numerous EW/IO issues at the Operational, OPNAV, SYSCOM and TYCOM levels.

Ken has worked at various levels within local Roosts, from member to Chairman of committees to President of the Tidewater Chapter. His accomplishments included increasing membership in the Tidewater Chapter and re-engaging various EW/IO commands locally and on the national scene.

Ken's platform includes continued focus on the financial stability of the AOC, increase the AOC's ability to enhance membership status at the local level and continued expansion of the AOC worldwide. Additionally, he will work to broaden the membership base of EMS practitioners and specifically EW within the various services. Elevating the Association's status within the Department of Defense and Industry, he will strive to increase value to the membership. Recognition of those whose efforts deserve special attention will remain at his core. If elected, he will work to increase and broaden membership in the AOC, much like he has achieved at the local level and in other associations.



Greg Patschke

Col Greg “Patch” Patschke, USAF (Ret.), has 29 years in the Electronic Warfare field. He brings a unique perspective, having worked on EW efforts for each military Service while on active duty and in industry. During his 25 years in the Air Force as a career Electronic Warfare Officer (EWO), he contributed to EW in multiple capacities:

EW operations as B-52 EWO; test and evaluation of Joint EW systems; Commander of the 36th Electronic Warfare Squadron; Combatant Command EW planner; USAF EW Requirements on the Air Staff; Director of USSTRATCOM’s Joint Electromagnetic Preparedness for Advanced Combat (JEPAC); and lastly, a Brigade EWO for the US Army during Operation ENDURING FREEDOM.

After retirement, he was hired by Lockheed Martin to lead their spectrum protection and denial research area within their Advanced Technology Laboratories. Greg is currently a director at L3 Technologies working on SIGINT- and EW-related customer solutions. Over his career, he engaged EW experts within government, academia and industry to solve the tough EW issues. In 2015, Greg received the 2015 AOC Executive Manager of the Year Award. Over the last three years, Greg has been a member of the AOC Board of Directors; in 2017, he was elected as the AOC Treasurer and sits on the HQ Executive Committee. In this role, he ensured the AOC maintains sound fiscal responsibility in order to deliver quality products to our membership. During this time, Greg oversaw both the sale of the HQ Building and a period of impressive growth within the AOC.



Mike Ryan

Mike Ryan has been an Army EW professional for most of his 34-year civil service career. In the early and mid-90’s, he worked special laser-based electro-optic countermeasure programs mounted on combat and tactical vehicles. Through the late 1990s and beyond, Mike held several leadership positions in HQs PEO Intelligence,

Electronic Warfare & Sensors. Beginning in 2003, he had the privilege to serve as the first CREW Product Director in charge of fielding life-saving ECM jammers. From 2008 to 2017, as the senior civilian in PM EW & Cyber, Mike helped architect the reintroduction of much needed Cyber Electromagnetic Activity (CEMA) capabilities into Army formations for the first time since the Cold War ended. He understands the value of Electromagnetic Spectrum Operations and its game-changing effects. Today, he continues to work those challenges as an EW professional in the Defense industry.

Since becoming a card-carrying member of the AOC, Mike has tried to “give back.” As the APG Susquehanna Chapter president, he stood up the CEMA conference, which is now going on its 5th year. Its attendance is only second to the AOC Convention. He also stood up his chapter’s Young Ravens program to energize our young professionals. For the past several years, he has held positions on the AOC National BOD with increasing responsibilities, including Conference Committee Chair, Senior Advisory Board (Army rep) and currently as the EXCOM Director of Strategy.

If elected to the BOD, Mike’s focus will be outreach to local chapters and give them a voice in shaping the future AOC strategy.

PACIFIC REGION



Vince Battaglia

Vince Battaglia is an aerospace technical and business leader with a 30-plus year proven record of military platform Survivability systems design, development and deployment.

As an AOC Chapter President and former BOD member, Vince is very aware of the contribution that the AOC makes to our chosen field

and is committed to ensuring that the AOC and its members remain at the forefront of the ever-evolving Electromagnetic Spectrum Operational (EMSO) structure.

His professional accomplishments span from singular engineering design projects to providing overall hands-on leadership to the design and development of large integrated electromagnetic systems. Vince has demonstrated management skills for small, large, domestic and offshore efforts, providing state-of-the-art technologies for military, including space, air and sea platforms. His experiences include responsibility for building successful businesses, directing avionics design and development teams, as well as establishing operating strategies to restructure faltering organizations. He has proven corporate and program team leadership capabilities, including: growth strategies, financial, technical, people and risk management skills, as well as establishing required facilities and human resource teams. He currently provides technical and business management consulting services for defense-related organizations.

Vince's professional experience is rooted in a bachelor's degree in electrical engineering, a master's degree in applied physics and an executive MBA.

He is dedicated to assuring that related organizations are committed and prepared to work in an inclusive and mutually supportive way while building on lessons learned.



Rick Lu

Rick Lu respectfully submits his application to serve on the AOC Board with youthful exuberance and vigor...to bring in new fresh ideas and help the AOC grow in prestige, influence and membership. Originally a communications systems engineer, Mr. Lu started and ran his first Silicon Valley high tech startup at the age of 29, three years

after graduating with two Masters Degrees from Stanford and getting steeped in entrepreneurship. For the last 20 years, he has successfully built some of the most innovative and fast-moving companies in the EW/SIGINT Industry, utilizing the Silicon Valley style of focusing on speed and technology innovation. He would like to bring those "startup" techniques to help the AOC have accelerated growth and get more new young members involved.

An active member of the AOC since 2001, Rick was the Co-Chairman of the AOC's 54th Annual International Symposium, a Session Chairman for a number of AOC conferences, and currently supports the AOC GIR Committee. For over 12 years, he has been actively briefing Congressional members on the EW Industry's concerns and issues. He can thus effectively represent the AOC's and Industry Partners' interests on Capital Hill for the future.

He would like to bring his new ideas, highspeed business skillsets and youthful energy to serve on the AOC Board to make us all more successful. His current work combines Army, Navy and Air Force EW programs. Thus, he can bring a fresh and balanced perspective to the Board that is truly Tri-Service.

INTERNATIONAL REGION



Sue Robertson

For Sue Robertson, it is a great honor to serve the AOC as the current International Region 1 Director. She has really enjoyed interacting with the chapters in the region, visiting most of them and taking part in their meetings and conferences. She is also a director of the UK AOC Chapter and enjoys her role as visits co-ordinator. She

has chaired technical sessions at EW Europe conferences and has participated in conferences organized by AOC chapters all over the world.

Sue's technical experience includes all aspects of EW systems development. She is an expert on airborne surveillance systems, and she has developed trials programs and provided

advice on system improvements for a variety of airborne platforms. She believes an understanding of the RF environment is essential to successful EW Operations; her work has included the analysis of complex data sets from airborne mission systems recorded during trials.

She has written hundreds of reports during her time as a Defence Advisor, and she has contributed evidence to UK Parliamentary Committees on EW. She recently completed a book on ESM analysis and has written articles for defense publications on topics such as AESA radar, electronic attack and maritime EW.

She has been fortunate to work in multi-national teams comprising both military and civilian participants at all levels of seniority. Sue believes that diversity in the AOC should be encouraged and, if re-elected, would continue to seek engagement with EW and Cyber professionals, young and old, male and female from all parts of the globe.

2019 Online Voting Instructions

Beginning June 1, AOC members can visit the AOC homepage, www.crows.org, where they will see election information and a link to Elections On-Line, the independent vendor that will conduct the online election. You will receive an email with login instructions shortly before the elections start. The website will direct you to your ballot, where you can make your selections. Your AOC dues must be current as of May 20 in order to vote. As with past AOC elections, your ballot is secret.

Elections On-line will hold all completed ballots, tabulate them and send the results to the AOC when the election is complete. Once you have cast your online vote, Elections On-Line will send you an email confirming that they have received your completed ballot.

Paper Ballots

For those AOC members who cannot vote online, the AOC has provided a paper ballot below. Members may cut out the paper ballot, mark it – including your member number (available on the front label of your JED) and your name and contact information – and mail it back to the AOC. Paper ballots must be postmarked after June 1, 2019, and before June 30, 2019, and be addressed to:

AOC
1555 King St 5th Floor
Alexandria, VA 22314

Campaign Rules

Campaigning or electioneering on behalf of any candidate for AOC International office, with or without their knowledge or consent, is prohibited. . ✂

2019 AOC Election Ballot

Ballots accepted June 1-30, 2019.

Name

AOC Member Number

Email address

PRESIDENT *(Vote for 1)*

- Glenn "Powder" Carlson
- Craig Harm
- Rich Wittstruck

PACIFIC REGION DIRECTOR *(Vote for 1)*

- Vince Battaglia
- Rick Lu

INTERNATIONAL REGION *(Vote for 1)*

- Sue Robertson

AT-LARGE DIRECTOR *(Vote for 2)*

- Nino Amoroso
- Brian Hinkley
- Dr. Haruko Kawahigashi
- LTC Gary M. Lyke
- Darin Nielsen
- Kenneth "Kilo" Parks
- Greg Patschke
- Mike Ryan



2019 AOC Virtual Series



AOC Virtual Series has been a tremendous asset providing the AOC's audience with learning, advocacy, and the exchange of information. Register today to hear from subject-matter experts on all things EW!

ELINT & RESM, Getting the Facts Straight Presenter: *Andrew Owen*



Space EW 2.0 Presenter: *Dave Adamy*



Understanding Tracking Radars Presenter: *Kyle Davidson*



An Introduction to RDF Methodologies Presenter: *Paul Denisowski*



Evolving to the Next Generation of Multifunctional EW - Part II Presenter: *Matthew Orr*



Intro to Machine Learning for EW Presenter: *Kyle Davidson*



Achieving SWAP-C Benefits in EW Systems using Positive Gain Slope MMIC Amplifiers Presenter: *Chris Gregoire*



RAF 100 Group and its EW Legacy Presenter: *Thomas Withington*



For more upcoming AOC Virtual Series Webinars, visit crows.org