



THE WORLD'S OLDEST WIRELESS SOCIETY

HONORING THE PAST. COMMITTED TO THE FUTURE.

CANDIDATE PROFILES



Vice President / Counsel Chester B. Scholl, Jr. (M 2016)

Chester B. Scholl, Jr. (M 2016) graduated from the University of Miami BSSA and Dickinson School of Law JD, 1974. He is a partner in the law firm of Fruit, Dill, Goodwin and Scholl. He held a First-Class Radio Telephone license, holds an Extra class amateur radio license, and has been licensed since 1963. He is a life member of ARRL, helps other amateurs with zoning and other related legal issues in his role as Volunteer Counsel through the ARRL as well as clients in his legal practice, and is a Volunteer Examiner for amateur radio testing. He teaches Amateur Radio and law classes and has presented at and moderated the Legal Forum at the Xenia Ohio Hamvention. He helped his local Emergency Services Council plan for a county radio system. He has been solicitor, board member and officer for several charitable organizations. He has represented a local cellular carrier in land acquisition and general matters and landowners in tower transactions and leases. He is a member of the City of Hermitage Planning Commission and has been solicitor for Township and Zoning Hearing Boards. He is a Trustee and past president of Mercer County Bar Association. He has been admitted to practice before Pennsylvania courts and the U. S. Supreme Court and Federal District Courts.

Position Statement

I am running again for election as Vice President /Counsel for the Radio Club of America (RCA). Even though I have been involved in wireless most of my life and have heard of the Radio Club of America for years I had never joined. When the opportunity arose to get involved, I felt that I could add some expertise based on my legal profession and knowledge of wireless. After I was elected in a special election in 2016 as Vice President/Counsel, I have since been re-elected. Since becoming an officer, I have started to learn the extent of the Club's members and activities. I look forward to continuing as an Officer to be able to contribute to the growth of the Club's activities both as counsel and with my experience in charitable organizations, both in the role as counsel and committees and hope to earn your vote in the coming election for Vice President/Counsel.



Vice President David Bart KB9YPD (M 2009, F 2017)

David P. Bart, KB9YPD (M2009, F2017). Sr. Dir. of Great Lakes Region, Forensic and Dispute Resolution Services, RSM US LLP. University of Chicago: BA & MBA. Certifications: CIRA, CDBV, CFE, ASA, ABV. Professional: President Association of Insolvency & Restructuring Advisors, American Bankruptcy Institute former task force leader, American Society of Appraisers, Assoc. of Certified Fraud Examiners. RCA: Director since 2011, Editor *RCA Proceedings*, Chair of Publications Committee since 2014, former Chair of Historical Committee 2011-2015. IEEE: Senior Member and Treasurer of IEEE Historical Committee, IEEE Milestone Advocate since 2013. Antique Wireless Association: Director, Fellow, and former Co-Editor *AWA Review*. Museum of Broadcast Communications in Chicago: Director, Vice President and Treasurer. ARRL: Member. Historical Publications/Presentations: *RCA Centennial Index*, *RCA Technical Symposium*, *RCA Proceedings*, *AWA Review*, *AWA Conference*, *Proceedings of IEEE*, *IEEE ETHW (Global History*

Network), NY Historical Society, American Assoc. of Physics Teachers. Recipient of RCA's Special Service Award (2019), Fellow (2017), Ralph Batchner Award (2015); and AWA's Harry Houck Award (2017), Dr. Max Bodmer Award (2015), Curator's Award (2013).

Position Statement

I am proud to be a member of RCA. It would be an honor to continue serving as a Director, and to have the opportunity to serve as vice president. I have focused on RCA's publishing, educational and preservation activities. I have enjoyed serving as chair of the Publications and Historical Committees and as Editor of the *Proceedings*. I value deeply RCA's continuing commitment to education. I support RCA's Youth Activities by working with the best students to draft and produce their first external publications through RCA. I have also enjoyed representing RCA working at the Dayton Hamvention. I also support the Technical Symposium and related programs and publications and contribute website content. I have an excellent relationship with the Sapphyre Group who provides RCA's administrative services. I will work closely with RCA and its strategic partners by seeking further development of joint projects such as joint exhibits with RCA and AWA, maintaining RCA's archives at AWA, authoring publications, and representing RCA's interests at the IEEE Historical Committee. I am always eager to discuss ideas, and I promote active collaboration as we roll up our sleeves to do the essential work of preserving and promoting our historic treasure, the RCA.



Treasurer Ronald J. "Ron" Jakubowski, K2RJ, (M 1987 F 1993 L 2020)

Ron has served as the Radio Club Treasurer since 2011 and is a member of the Executive Committee.

Ron is retired from the position of Chief Engineer – RF Systems at Bird Technologies, TX RX Systems where he assisted Public Safety customers with major performance issues and also served on the TR-8 land mobile technical committee of the Telecommunications Industry Association (TIA) as chair of TR-8.11, Antenna Systems and vice-chair of TR-8.18, Systems Compatibility. He resides in Cape Canaveral, FL with his wife of 47 years, Kathleen.

He is also retired from the Army with the rank of Major.

He is currently active as a volunteer in Brevard County, FL RACES and is treasurer of the Brevard Emergency Amateur Radio Services. He also remains active as a 52-year member of the Army Military Auxiliary Radio System (MARS). He is a Life Member of ARRL and a Life Senior Member of IEEE.

Ron is a graduate of Gannon University in Erie, Pennsylvania, with a degree in Electrical Engineering.

Position Statement

As a member of the RCA Board of Directors and Treasurer, I have been proud to support and facilitate and will continue to promote more membership participation in club activities by moving the annual banquet out of the NYC area and, especially, getting more young people interested in radio and its history. As Treasurer, I have introduced budgeting and, through QuickBooks, provide detailed reports of our income and expenditures to the Board and EC so that they have the information necessary to determine how to best fund the Club and its activities.



Secretary Margaret J. Lyons (M 1998 F 2003)

Margaret has served as the Radio Club Treasurer since 2009. She serves on the Membership Committee and is the Chair of the Keeping RCA Vibrant Committee. Margaret is a Professional Engineer with over 30 years' experience in wireless communications, including: two-way radio, paging, and microwave radio systems engineering and consulting. She is a confident and articulate Engineer of Record for programs and projects in excess of \$100M. She earned a Bachelor of Science in Computer and Electrical Engineering from Purdue University in West Lafayette Indiana and is a licensed Professional Engineer in NJ, NY, CT, PA, DE and VA. Ms. Lyons has been awarded Fellow of the Radio Club of America and of the Society of Women Engineers. She is a Senior Member of the IEEE and has received IEEE Region 1 award for Support of the IEEE Mission, and NJ Coast Section Outstanding WIE/EdSoc Volunteer and Chairman Award for Unstinting and Valuable Service Promoting Robotics and other Pre-University Activities In the NJ Coast Section.

Position statement

I am honored to accept the nomination to serve another term as Secretary for the Radio Club of America. My primary motivation for executive level involvement is that the Radio Club best captures, honors and encourages what I have most enjoyed working as an RF engineer: the variety of opportunities and aspects of working in radio as well as the overall one-family atmosphere of the radio community. I would like to direct my enthusiasm for this community toward an outlet where I can make a difference.

DIRECTOR CANDIDATES



Rich Berliner (M 2020)

Rich is the Publisher of Connected Real Estate Magazine. He formed a new firm, Fifth Gen Media in 2016 after a 35-year career building and developing wireless networks for the major carriers and turf vendors. Connected Real Estate Magazine is a print and digital publication about Wireless that goes to Commercial Real Estate professionals to educate and promote the industry. Rich ran a public company, Berliner Communications (BCI) for nearly 15 years which was an early player in the In-Building connectivity space. BCI at its peak had 22 offices and over 600 employees and completed nearly three quarters of a billion dollars for wireless carriers, turf vendors and other major stakeholders. He has consulted and contributed to many other wireless firms over his career and is considered a "thought leader" in this space. Rich is a graduate of Rutgers University and resides in New Jersey.

Position statement

When I was inducted as a Fellow in the Club I told the audience that I felt that the club had incredible relevance as the link between the radio business itself and everything that has come since. The ability of the hundreds of thousands of wireless workers to be successful in the most dynamic business in our country from the humble beginnings of the radio itself is incredibly important. Today we are a business that our government has labeled as "essential" to our activities under the Covid-19 Pandemic. I wrote a

piece for LinkedIn titled “You are Essential” to all the crews and wireless workers who have an homage to pay to the Radio Club of America and all those that have come before them in this wonderful business. It’s true, We are Essential!



Dr. James K. Breakall, WA3FET (M 2017)

Dr. James K. Breakall received B.S. and M.S. degrees in Electrical Engineering from Penn State University and a Ph.D. in Electrical Engineering and Applied Physics from Case Western Reserve University, Cleveland, OH, and has over 45 years of experience in numerical electromagnetics and antennas. He was a Project Engineer at the Lawrence Livermore National Laboratory (LLNL), Livermore, CA, and an Associate Professor at the Naval Postgraduate School (NPGS), Monterey, CA. Presently he is a Full Professor of Electrical Engineering at Penn State. Dr. Breakall began his career as a graduate student at the Arecibo Observatory in Puerto Rico working on antenna analysis and radar probing of the ionosphere. At LLNL, he and his group worked on the development of the Numerical Electromagnetics Code (NEC), the first sophisticated antenna modeling program. Other significant projects that he has worked on were the designs of the HAARP facility in Alaska, both HF facilities at Arecibo, and the Kinstar low profile AM broadcast antenna. He (electrical) and Tim Duffy (mechanical) designed the very popular Ham Radio Skyhawk Yagi antenna, and he is the inventor of the Optimized Wideband Antenna (OWA). Dr. Breakall is also a member of the IEEE Antennas and Propagation Society, IEEE Broadcast Technology Society, Eta Kappa Nu, International Union of Radio Science Commission B, IEEE Wave Propagation and Standards Committee, has been an Associate Editor for the Radio Science journal, and served as an Arecibo Observatory Users and Scientific Advising Committee Member. He has been a frequent speaker at the Dayton Hamvention Antenna Forum and has built two major contest superstations, K3CR and KC3R, near Penn State, and WP3R, on his farm in Puerto Rico near the big Arecibo dish. He has graduated numerous graduate students and received many awards over the years. In 2017, Dr. Breakall was awarded the prestigious Sarnoff Citation from the RCA. He was elected as a Director to the Board in 2018 and is the Co-Chairman of the 2020 Technical Symposium. He also serves on the RCA Scholarship Committee.

Position statement

I became a member of the RCA in 2017 at the invitation of both Tim Duffy and Chip Cohen. I am fairly new to the RCA, but I can see how great of an organization it is. I know many friends who are also members and want to get much more involved in the coming years, hopefully as a Director with this nomination. I have much experience in such positions being a two-term Board of Director member and treasurer of the Applied Computation Electromagnetics Society (ACES). I am also on the Scholarship Committee. I have also been on the Board of Directors of several startup companies over my years. I was elected to the RCA Board in 2018 and am presently the Co-Chairman of the 2020 Technical Symposium. If elected again, I want to learn and participate in such executive activities including membership; elections, the Technical Symposium Chairman, the Proceedings, fund raising, and wherever I can assist. I also joined the Scholarship Committee and hope to make impact in that with my academic experience. I want to learn more how the

RCA operates and hopefully can provide new ideas and support to promote the growth and success for the RCA to continue with its rich history. I have met many experienced and talented people thus far in my short interaction with the RCA, and I want to promote it to others who maybe have not heard of it to become active members. I have been involved with radio and wireless all my life, and I could not think of a better group of individuals to be involved with and help to become an even better organization for the future. If I continue as a Director, I will do my best to always think of all the members and continue the greatness of the RCA.



David Ehehalt (M 1997)

Presently CEO of Telco Communications & Antenna Site Management. Telco Communications is a complete communications systems design, sales & implementation operation in the New York / Philadelphia metro market since 1973. Antenna Site Management was created in 1981 due to the increase of communication system providers needing a liaison between site owners and system providers for leasing and installations for the up & coming trunked &

cellular communications operators

At age 15, while still in high school, I started Automatic Alarm Systems, installing burglar & fire alarm systems. At age 16, I attended RCA Institute in New York City, enrolled in V-7 Electronics course and was the first student in my high school to be enrolled in the cooperative work-study program and self-employed. I have worked as a contractor & or a consultant to federal, state, county & local government agencies, and within the past 15 years have done extensive work for the broadcast community (mainly NYC AM stations). While doing complete buildouts of studios, FM translators, AM transmitter plants & directional diplexed & triplexed antenna arrays, I can still be found at the top of a 300, 400- or 500-foot tower, making sure the job is done right.

Position Statement

At this time in the Club's history, we must create a better method of recruiting new members to the organization, from both our Young Achievers' group as well as so many of the un-tapped industry professionals. Also, better basic business practices should be looked at to see if other cost cutting methods can be implemented to bolster the Club's bottom line. A need for the vision to look outside the box should be something we move forward with in the years to come.



CHARLES B KIRMUSS WOCKB (M 2013, F 2018)

Charles joined RCA in 2013. Been a Director for two terms, UP FOR RE-ELECTION! Was the 2019-2020 Awards Chair, is the yearly stipend sponsor for the RCA Youth Presenter at the Dayton Hamfest and is one of Carole Perry's Youth Activities Committee "minions". Passionate promoter of Youth and for the 30th Anniversary of Carole Perry's Dayton Hamfest Youth Forum, he replicated the portable 9 Volt code practice oscillator that Carole designed in the 70's, now used as an RCA Youth Activities fundraiser. Charles started in radio in 1965 with shortwave listening. Graduated to ham. At 12 had his own small electronics repair business in the basement of his

parents' home. At 20 he was a telecommunications signal technician for Chubb Security, at 22 he worked on the space shuttle Canadarm at SPAR Aerospace as an integration test technician, at 24 he was Branch Manager for Aritech /ADT TYCO, and CEO of a Technology Division of GE at 27. He has held numerous executive technology positions and owns his own manufacturing company of Homeland Security and Vinyl record restoration system. Has 23 patents either issued or applied for. Live every day as it is your last!

Position Statement

In 2020, an entire World “reset” with Covid-19. I am more convinced than ever that the Club needs individuals that are committed to adapt, innovate, and pioneer and support new “Club Operations”. Many appreciate my passion and pursuit of excellence in anything that I do. I have no problems in soliciting new Members. With my open schedule, I am fortunate to continue to offer my energies and support RCA for another term. In 2019-2020, I have had the immense pleasure to work with an as dedicated and as passionate and innovative team of Officers and Directors. In spite of Covid we accomplished much in 2020. Very positive outlook! I am humbled where my teammates allow me at times to “get away with my enthusiasm”. I ask for your support for Re-Election. In this “Brave New World” we will have new challenges; I am willing to take up the challenge.



CARL J MATHIS (M-1980, F-2001)

Carl has been continuously active in the wireless industry for 49 years. He has been a member of the Radio Club since 1980 and a Fellow since 2001, beginning as a sales representative for Motorola in 1971, and moving to the wholesale paging business with Amcor and NEC/National Marketing. He was involved in the development and market introduction of the first successful numeric display pagers for NEC. In 1971, he joined Panasonic Telecommunications as National Sales Manager, introducing their early cellular phones and additional display paging products. In 1986, he started Power Sales Company, a manufacturer's representative firm serving the Southeast, primarily serving Public Safety markets. After the sale of Power Sales in 2017, he continued to represent certain wireless manufacturers within the same territory.

He has served as President of the Manufacturer's Representatives Educational Research Foundation (MRERF). MRERF provides training and certification for manufacturer's representatives across more than 30 industries. The Certified Professional Manufacturer's Representative (CPMR) is recognized as the premier rep designation. He has served as a Director of the Communications Marketing Association (CMA). In 1984, he was instrumental in the development of Telocator's POCSAG advisory coordinating group which developed programs to coordinate and assign POCSAG paging codes across the US paging industry. He served as a US Army officer including service in Vietnam. He holds a BS in Marketing from the University of North Alabama. Currently editing a textbook

Position Statement

While Carole Perry is doing an outstanding job educating young people who are a basis for our future membership, I think we need to broaden our membership recruitment to include a much larger base at

all levels. We have grown into a large industry but our membership level has remained relatively stagnant. I believe that by reaching industry leadership in many disciplines and at many levels, we can broaden the impact of the Club on the industry. The larger we are with quality people, the larger the impact of the club on the industry.



Donald E. Root, Jr. K6CDO (F 2019, L 2019)

Don Root retired this year from a 46-year career in Emergency Management and Public Safety communications and warning at the local, state, and national levels. From 1984 to 2006, Mr. Root was with the Telecommunications Branch of the California Governor's Office of Emergency Services (OES), holding positions from field coordinator to Chief of the Telecommunications Branch, working at locations throughout California. From 2006 to 2020, Don was the Operations Manager of the Wireless Services Division of the San Diego County Sheriff's Department, operators of a two-county 9,000 square mile 51 site 800 MHz trunked radio network.

Don has a lengthy history of working with people to achieve collaboration in communications and warning matters. In 1992, Don was the first emergency management official appointed to the FCC's Emergency Broadcast System Advisory Committee and worked with the FCC and the broadcast industry through the development and implementation of the Emergency Alert System in 1997. Don has served on numerous industry and Federal planning and advisory committees, earning NPSTC's DeMello Award in 2009. A ham since 1971, Mr. Root is a Life Member of the ARRL, and is a Senior Life Member of APCO.

Position Statement

In the 1990s I was invited to join the RCA by a coworker. I discovered a wonderful group of energetic people from many diverse aspects of the wireless communications world, that I could network with and learn from (and in some cases, provide knowledge). The relationships I was able to develop through my RCA membership definitely assisted me as I worked my way through both my paid career and my volunteer activities such as the efforts I have given to the Department of Homeland Security's emergency communications programs and the National Public Safety Telecommunications Council. Now that I have retired from my fulltime career, I desire to give back to the Club, by getting involved in the leadership and applying my knowledge to help with the Club's goals and programs. I bring my ability to collaborate with groups of people to both recognize their viewpoints and to get them to work together; to provide a fresh (and sometimes different) perspective to issues; and to jump in to fill needs and voids. I would appreciate the opportunity to serve you, the RCA membership, as one of your Directors.



Dr. Julio Urbina, KB3PZH (M 2018)

Dr. Julio Urbina received his BSEE degree from Universidad Nacional de Ingenieria, Lima, Peru, in 1990, and his M.S. and Ph.D. degrees in electrical engineering from the University of Illinois at Urbana-Champaign in 1996 and 2002, respectively. He has worked at Jicamarca Radio Observatory, Arecibo Observatory, and University of Arkansas. He is currently an Associate Professor

in Penn State. Dr. Urbina's research has used radio and radar technologies to study the Earth's middle and upper atmosphere. He conducts research in RF and Microwaves, digital systems and space instrumentation, cognitive radars, software-defined radio and radars, sensors, acquisition, drones, UAVs, harmonic radars, reconfigurable instrumentation, meteor radio science, radio wave propagation, space engineering, remote sensing, and radar studies of the ionosphere. In 2011, Dr. Urbina received the National Science Foundation CAREER award for his research on Cognitive Radar systems to study plasma instabilities. Dr. Urbina is the Chair of IEEE Central Pennsylvania Section. He is also member of the IEEE Antennas and Propagation Society, IEEE Aerospace and Electronic Systems Society, International Union of Radio Science Commission G, and CEDAR Science Steering Committee. He has been an Associate Editor for the Journal of Atmospheric and Solar-Terrestrial Physics and served as an Arecibo Observatory Users and Scientific Advising Committee Member. He has graduated numerous graduate students and received many awards over the years.

Position statement

I became a member of the RCA in 2018 at the invitation of both James Breakall and Chip Cohen, therefore I am fairly new to the RCA, but I have had a chance to serve one term as Director and am presently Chair of the Education Committee. I also joined the Scholarship Committee and hope to make impact in that with my academic background. I have had the opportunity to interact with many members, and I feel RCA is an excellent organization. I hope to continue serving RCA in the coming years, hopefully as a Director with this nomination. I have been very active serving on various committees both in academia and my profession. I am currently the Chair of IEEE Central Pennsylvania Section. If elected, I would like to participate in activities that include: Youth activities, membership, education, elections, the Technical Symposium, the Proceedings, fund raising, and wherever I can help. In my short interaction with the RCA, I have enjoyed all aspects of this unique organization. I want to promote it to others, specially college students, who maybe have not heard of it to become active members. I have been involved with radios since I was a child, and I think that serving the RCA in this capacity would be a true honor. If I continue as Director, I will do my best to expand the growth of the RCA. I know many friends who I would like to encourage to join RCA as well.



Bill Waugamann WA3OJG (M 1978, F 2015)

Bill, WA3OJG, has had over 50 years' experience in Land Mobile Radio and wireless. Following technical school and college, his career began at Radiation Service Company maintaining radio communications for the Pennsylvania Railroad and State of Pennsylvania agencies. After serving in the US Navy as Electronic Technician with service in Viet Nam, he rejoined Syntonic Technology in management, sales, and marketing positions. Bill founded and was president of Specialized Mobile Radio Services providing SMR paging, cellular and land mobile radio systems in the Philadelphia/South Jersey Market. Following was paging and cellular system design at Jubon Engineering, industrial and Public Safety sales at Wireless Communications & Electronics and sales at EF Johnson. Bill moved to Public Safety as the Radio Systems Engineer and system

manager for the City of Virginia Beach, VA, responsible for the operation and maintenance of the trunked, paging, and mobile data systems. Bill joined LR Kimball, moving to Mission Critical Partners, where at both firms he has provided consulting services to the US Navy, state, county and local government clients in the planning, procurement, and implementation of a wide range of wireless communications systems. Bill is semi-retired, residing in Texas.

Position Statement

I welcome the opportunity serve and give back to the Radio Club. As the wireless industry expands beyond broadcast and mobile radio, We need to draw the up and coming leaders of today's emerging and maturing wireless technologies into our organization, and provide them the fellowship, networking opportunities and support the club has to offer. We need to grow our membership with the younger generations, making sure we embrace those in all the new wireless technologies and applications. The Club must continue to be relevant as our industry changes.



Jane Winter (M 2014)

Jane is a veteran of the wireless industry with deep experience in Government, Commercial and Aerospace industries. She has had leadership roles, managing some of the most complex and technologically advanced programs in communications technology. Jane recently joined EAA – Experimental Aircraft Association as Director, Business Development. Prior to that she worked alongside Dr. Nathan (Chip) Cohen at Fractal Antenna Systems, Inc. for 16 years. Along with programs in the Military and Commercial sectors, Fractal was also strategic in the development of “smaller” antennas for the Boeing 787 aircraft and Commercial fleets using Air-to-Ground Wi-Fi technology. Jane was a Business Unit Manager for the Electronic Systems Division of Parker Aerospace, leading teams of Hardware and Software Engineers primarily for Boeing and Airbus Commercial and Military Programs for North American and European Markets. She previously worked as VP Sales/Program Management for CBL Systems, Raytheon. Her teams specialized in fiber-based solutions for aerospace, security, and transportation. Jane holds dual Bachelor Science degrees in Electrical Engineering and Broadcast Journalism Communication from Miami University. Jane has broadcasted hockey and baseball games and is a published journalist. Jane and her husband, Rick, have two sons and live on a farm in Wisconsin.

Jane has been a member of RCA since 2014. She has held the leadership role as Sponsorship Committee Chair since Jan 2019, overseeing a very active committee including Directors and Members of RCA. Jane's team in 2019 developed a strategic plan to package engaging sponsorships, to attract new sponsors to RCA, and to increase RCA Sponsorship funds. The team more than doubled Sponsorship Commitments and brought in 5 new Corporate Sponsors in 2019. Even adjusting to All-Virtual Events has not stopped the flow of Sponsorship Commitment for 2020. Jane also serves as a member on the Banquet Committee, The Regional Events Committee and The Nomination Committee. Jane has attended and presented at all RCA Board of Directors Meetings in 2019 and 2020.

Position Statement

The Youth Programs for RCA are well thought out and Carole Perry does an exceptional job executing them. I would like to initiate that same strategy and enthusiasm into the development of new programs for young corporate executives. A recruitment effort to bring them aboard as members and then networking opportunities and committee involvement to make RCA a welcoming and inclusive experience. I think the same vigor needs to be put into place to increase RCA memberships of women in the wireless arena.