



# 2016 Board of Directors Biographies

## **Clark Adams, CETsr**

Clark Adams has been a division chair many times in the past and filled the chairman's position twice. He has worked as an instructor at a technical school for many years as well in the office machine industry. He currently works in the troubleshoot/test division of a company which builds circuit boards. He has been a CETsr for many years and was one of the first to be certified as a CSS. He enjoys music and Amateur Radio, and is licensed as an Extra Class Ham. Clark lives in Watertown, SD with his wife of over 38 years.

## **William C. Bailey, Jr. PhD.**

William began his electronics career when he entered the United States Navy. After completing AFTA and AVI-C7 electronic training, he also received metrology training. As a calibration/repair technician, he honed his skills repairing various items of precision measurement equipment (PME). Upon advancing, he assumed responsibilities as a Calibration Lab Supervisor, and managed all aspects of calibration/repair services provided to fleet units. As a naval electronics instructor, he taught Micro/Miniature (2M) Solder Repair and certified fleet 2M solder technicians. He taught radar fundamentals associated with airborne moving target indicator (AMTI) radar systems. As an Atlantic Fleet Avionics evaluator, he was responsible for program compliance, safety, administration, and quality of avionic maintenance programs. Upon military retirement, he began teaching math and electronics at ITT Technical Institute, where he became Chair of the School of Electronic Technology at the Indianapolis campus.

Currently, he serves as an adjunct professor at Embry-Riddle Aeronautical University World Wide Campus. Other accomplishments: FCC Radio Operator/repair License (radar endorsement), Master 2M solder repair Instructor; certified ISO 9000 lead auditor; FAA licensed commercial pilot; holds a Master of Aeronautics Science (MAS), and a PhD in Applied Management/Organizational Research.

## **John Baldwin, CETsr**

John retired after being involved in electronics and wireless education for 39 years with 28 years of teaching at the college level and 11 years of industry / military experience. He taught electronics and wireless communications at South Central College in Mankato, MN as well as Riverland Technical College in Faribault, MN, and served as the instructor designate for the Institute for Wireless Education, where more than 500 wireless professionals received advanced skills.

As charter member and current Secretary on the ETA Board of Directors, John previously held the executive board positions of chairman, treasurer and director positions.

He is a senior CET, certified in Communications and Commercial Audio; an IEEE member; holds an FCC GROL commercial license and Amateur Radio License, is a life DAV member, and an ETA certification and FCC exam administrator. John served as the chief executive editor for the 2008 and 2010 CET associate study guides and currently writes the Back-to-Basics Corner in ETA's High-Tech News bi-monthly magazine.

  
**John Baldwin, CETsr cont.**

As an author of many articles in industry publications and trade magazines, he highlights basic electronics, wireless and telecommunications, with emphasis on the importance of non-technical skills in today's high-tech society. He also developed specialized courses in 3G, CDMA and GSM based cellular systems in conjunction with heading up the AAS degree program in Wireless Communications at South Central College.

In 2006, he was the recipient of the GWEC Wireless Educator of the Year award. In 2001, he was awarded ETA's Pete Award. Last year, John received the 2013 ETA President's Excellence Award.

**Kim Bozman, CSS**

Kim has worked in the radio communications industry since 1987. She started working as the assistant business manager for a family-owned Motorola Service shop, Caldabaugh Communications, in 1994 and was quickly promoted to business manager. Kim had been attending the EDMSSA association meetings for many years and took on the secretary's position.

The members of the EDMSSA are independent businesses with diverse interest supporting the communication industry. After the owner of Caldabaugh Communications retired in 2005, the business was sold to Teltronic, Inc., where Kim continued to work. Teltronic inspired all their employees to become certified through ETA, so she earned her CSS certification in 2006.

With Teltronic's encouragement, she became EDMSSA President in 2008. After her one year term as President, she returned to the Teltronic secretary's position but continues to facilitate training and certification classes held in conjunction with EDMSSA's spring meetings. This helped the member shops obtain their Certified Service Center (CSC) certification and meet their Motorola partner's requirements. After implementing changes to the meeting format, the EDMSSA association now flourishes. Kim also currently serves as a Board of Director for EWA and Soroptimist International of Salisbury.

**William Brinker, CETma**

Bill received both his BSE and MSE from Emporia State University. He was the head of the electronics department at the Kansas City Kansas Area Vocational Technical School for 10 years and then went to work for Motorola as a project manager. Bill retired from Motorola after 18 years of managing the installation of cellular telephone and public safety systems. He worked for several years at Compass Controls as a design engineering technician designing and repairing microprocessor controlled circuits for oxygen concentrators. Bill spent the last 11 years as a project manager for Commenco, an authorized Motorola Sales and Service Center, where he was responsible for providing review training for the ETA Associate Certified Electronics Technician and Wireless Communications Technician certifications. Bill retired from Commenco in July 2014.

He holds an Extra class Amateur Radio license and has been a ham for more than 40 years. He is a life member of the American Radio Relay League and currently holds the ARRL position of Technical Coordinator for the state of Kansas. Bill is a past ETA Wireless Communications Division and was a judge for three years at the Skills USA Telecommunications Cabling contest.



### **Charles Casbeer, FOD**

Charles 'Chuck' Casbeer joined ETA in 1999 and has been working at Infotec and ECPI University, Virginia Beach, VA campus since then. Prior to working at Infotec, Chuck was a Master Chief Petty Officer in the United States Navy and proudly served for 22 years.

Chuck joined the Navy in 1977 and chose the Navy Electrician Mate rating as his job specialty. Selecting this, Chuck went to the Navy's Basic Electricity and Electronics School and Electrician's Mate 'A' School in Great Lakes, IL. For his last tour of duty in the Navy, Chuck was assigned as Director Instructor Training School at Fleet Training Center, Norfolk, Virginia. While still in the Navy, Chuck attended and graduated Magna Cum Laude with an Associates of Applied Science Degree in Electronics Engineering Technology from ECPI University. In addition, he completed a Bachelor of Science in Technology with a specialty in Optical Technologies from Excelsior College.

He is now the lead technical training specialist and fiber optics program manager for Infotec and ECPI University.

### **Chris Dalton, LAS**

Chris has served the wireless communications community for over 20 years. He has vast expertise in the design, integration and implementation of both conventional and trunked Land Mobile Radio (LMR) systems and supporting infrastructure. The latest system was for a client in Washington DC where he was one of three lead system engineers responsible for the successful rollout of a simulcast, trunked,

VHF system that provides radio communication coverage for the entire nation's capitol, including in-building coverage. He has served clients such as the United States Military Academy at West Point, the United States Navy, the Defense Intelligence Agency and first responder agencies across America. He is a Certified Professional Trainer, a Certification Administrator for ETA International and is a Certified Volunteer Examiner (VE) for amateur radio license exams. Chris has co-authored numerous articles for Urgent Communications Magazine and is a co-author of the 'Mobile Communications Electronics Installer' study guide series for ETA International. Chris holds an FCC General Radiotelephone License, is an Extra Class amateur radio operator, holds two degrees in electronics and both Bachelor and MBA Degrees from Averett University.

### **Sherrie Ferguson, EM1**

Sherrie is a native of Norfolk, VA and a two-time breast cancer survivor. She remembers as a child seeing her grandmother dance in the kitchen to her favorite song on the radio. One day, the radio stopped working and she had to investigate, so she opened the radio with my grandfather's tool box. The very first thing she saw was a board with what looked like candy on it. Her grandfather laughed and explained that it was an intergrade circuit board, which is the brain of everything we use. From that moment on, she developed a deep passion for electronics.

Sherrie self-studied and also attended ITT Technical Institute. She has been a member of ETA since 2014 and built her first radio and multi-meter when she received her FCC license a year later. Her ultimate goal in life is to become the first African American female inventor to change the world with electronics.



### **James 'Joe' Goudy, CETsr**

Joe has been a certified member of ETA for many years and began serving as a certificate administrator and state representative shortly after becoming certified. Joe had a 29 year career in industry as a senior electronics technician working for ANR Pipeline where he was responsible for the installation, operation and maintenance of a portion of ANR's private industrial microwave telecommunications system and associated equipment in Missouri, Iowa, and Illinois.

Joe took an early retirement from ANR in the fall of 2007. In February of 2008, he began teaching part time for Indian Hills Community College in Ottumwa, IA and then became a full time instructor in 2010. Joe teaches classes in DC and AC theory, Analog Devices, Technical Math, Fiber Optics, Photonics, Power Transfer Technology, Project Lead the Way Digital Electronics and Computer Aided Design. He added Avionics to the subjects he teaches and took additional training at Rockwell Collins in Cedar Rapids, IA and the Aircraft Electronics Association in Lee's Summit, Mo in 2011.

In addition to his industry experience, Joe holds academic degrees from Wayne State College, Nebraska (B.S.), Iowa Wesleyan College, (B.A.), Truman State University, MO, (M.A. Industrial Education), Indian Hills Community College, IA (A.A. S. Electronics Technology). He also holds several ETA certifications: WCM, FOI, FOT-OSP and LAS. Joe is also an amateur 'ham' radio operator, call sign N0JG, a 40 + year member of the ARRL, a member of the Radio Club of America and a volunteer amateur radio examiner.

### **Tom Reese Janca, CETsr**

Tom has served ETA for many years by providing guidance and building relationships to benefit ETA members. A technologist who has 30 years of professional experience from military specification soldering to being a senior communications engineer, Tom has an extensive background and understanding of the industry, both professionally and educationally. If elected as Certified Technician Chair, his focus will be on strengthening certifications which identify professionals' firm understanding of the technical sciences and applications which lead to an adaptable and rewarding career.

### **Greyson Knapp**

Greyson began his career in Fiber Optics as a fiber optic technician with Sonsub repairing fiber optic ROV control cables and continued on to Western Geophysical with the development and manufacture of their MSX towed array telemetry system. He entered the Cable TV industry at TCI Cable vision (now Comcast) to lead an engineering design group in layout and implementation of a fiber optic backbone. Then took the responsibility of construction supervisor to oversee the contractors' build-out of the fiber optic plant they had designed.

After completion of the new system, he stayed on to train all of the service centers within the upper Gulf Coast region in operation maintenance and restoration of their new cable plant. In 1997, he joined in a research effort at Input/Output Inc. developing a seismic towed array based on a passive fiber optic sensing technique. I received several patents for this project and subsequent projects.

In 2002, Greyson formed Apex Optics to offer fiber optic solutions to the marine and harsh environment industries. Apex Optics continues to serve the on and off shore connectivity requirements and fiber optic training. Apex Optics has joined with FiberSensys and Fibersonics to promote both mature,



### **Greyson Knapp cont.**

cost effective, fiber optic sensing solutions for perimeter monitoring and high bandwidth long distance distributed vibration.

### **Christopher Miller, CETsr**

Chris created and developed the Renewable Energy and Sustainable Energy Associate degree programs at Heartland Community College and oversees the Electronics, Mechatronics programs as well. He is an active Coast Guard Auxiliary member, specializing in communications and emergency preparedness and is a ham radio operator.

### **Shane Morris, CETma**

Shane has been with Motorola for 15 years and currently serves as a Technical Support Manager & Electrical Administrator. He graduated from Bates Technical College in 1987 with a two –year vocational degree in Communications Electronics and in 2011 with a Bachelor of Science in Electronics Engineering Technology from Grantham University. He has 24 years of experience in the electronics industry. Shane is a Master CET with numerous ETA certifications including areas in Wireless and Telecommunications, RADAR, RF Line Sweeping, Industrial Technician, Computer Service and Networking, T1 Link Audit, RF Signal Investigation, Customer Service, and Certified Service Manager, as well as several FCC licenses.

He is a member of the Motorola R56 committee and has played an instrumental role in the development and updating of the Motorola R56 manual. He was involved with the development of several Motorola certification exams and training classes including: Antenna System Commissioning (ASA), Communications Site Installation Inspector (CSII), Communications Site Installer (MR56), RF Signal Investigation (SIT). In addition, Shane teaches all of these classes to Motorola employees, shops, and contractors.

### **Jay Warmke, PVI-Lv1**

In 2004, Jay and his wife, Annie, established Blue Rock Station ([www.bluerockstation.com](http://www.bluerockstation.com)), a sustainable living center that features the first Earthship, a 2,200 sq. ft. passive solar home constructed out of garbage. In the years since establishing Blue Rock Station, more than 30,000 people have wandered through – drawn by the vision of a truly sustainable lifestyle.

Jay is the author of numerous green technology books and articles, including 'Green Technology, Concepts and Practices' (co-authored with Annie Warmke), and 'When the BioMass Hits the Wind Turbine: How we got into this mess and how we are going to get out of it.'

Along with his wife, he was presented the 2009 Sustainable Living Award from Rural Action Ohio, and Green Energy Ohio named him 'Pioneer of the Year' in 2011. He is a member of the board of directors of Green Energy Ohio, and the International Certification and Accreditation Council. He has served as a subject matter expert on ETA's renewable energy committee since 2010.

Currently he serves an instructor in renewable energy at the Central Ohio Technical College, a renewable energy instructor for Marcraft, an 'Insight' contributor to EcoWatch Journal, and also volunteers as the national co-chair of the Skills USA Sustainable Solutions contest.

### **Fred Weiss, CET**

Weiss decided the electronics field was for him after a year of doing radio repair in his family business. After graduating from McKim Technical Institute in Akron, Ohio, McKim offered him a teaching position. Fred also purchased Newman TV and ran it in partnership with another McKim graduate until he sold his share when he took a position as a broadcast engineer. He later left both McKim and broadcast to

### **Fred Weiss, CET cont.**

work as a bench technician. After three years of servicing, Fred returned to McKim as chief instructor. He then took a position with Akron Public Schools, from which he recently retired after 27 years.

### **Ira Wiesenfeld, CETsr, P.E.**

Ira has been involved with commercial radio systems since 1966. Currently he is the president and principal engineer at IWA Technical Services Inc. (IWATSI). IWATSI provides engineering services and technical training in the land mobile radio and paging industry. He has a BSEE from Southern Methodist University in Dallas, TX; holds an FCC GROL; has an Extra Class amateur radio license; and, is a licensed professional engineer in the State of Texas.

His experience has included broadcast engineering; LMR system design, installation, and maintenance; manufacturing; training on electronic and communications systems, including PIM and Antenna Line Sweep testing; utilization of communications service monitors; radio paging systems; and military communications systems.

Ira has served on the executive committee as Chairman, Vice-Chairman, Secretary and is currently the Treasurer for the Electronics Technicians Association – International; and has played a pivotal role in the development of new certifications, including the WCM, USMSS, FDR/LAS, GCT 1, GCT 2, RFIM and PIM. He also was a major contributor in the development of the FCC GROL currently used today.

Ira has authored and co-authored numerous books, and has also authored over 55 magazine articles on radio related technology and applications.

### **William ‘Bill’ Woodward, FOD, Principal Engineer**

Bill is the Director of C5ISR Engineering Products with Geodesicx, Inc. in Chesapeake, Virginia and a licensed professional electrical engineer. Since leaving the U.S. Navy submarine force in 1992, Bill has been developing electronic and electrical equipment for shipboard propulsion control systems, sonar systems, fire control systems, navigation systems, and radar systems.

Bill is an educator and author of countless published technical papers, textbooks, and magazine articles. He has served four terms as ETA Chairman and currently serves as communications division secretary/treasurer and fiber optic committee chairman. In addition, he is chairman of SAE International's Aerospace Fiber Optic and Applied Photonics AS-3 Committee.

### **John Zielinski CETma**

John retired after about 42 years in the electronics field, mostly as a technician. He spent a few years back in the 1970's maintaining radio stations under contract. The last few years, John worked in contract manufacturing doing testing of finished products and conformal coating.