



2012 ETA Officer 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. Clark 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 Radiom, and is licensed as an Extra Class Ham. Clark lives in Watertown SD with his wife of 38 years.

John Baldwin, CETsr

John Baldwin has been involved in electronics and wireless education for 39 years as a professional, with 28 years teaching at the college level and 11 years in industry / military experience. John 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.

With teaching credentials in Minnesota and California, he holds a BS degree in Industrial Education from the University of Minnesota, and completed graduate courses at MSU-Mankato in education and engineering. As an ETA charter member and Board member of the ETA-I, he has held the executive board positions of chairman and secretary. John is a senior CET, an IEEE member, holds an FCC GROL license, Amateur Radio License, a life member in the DAV, and is a certification administrator for the ETA. He served as the chief executive editor for the 2008 and 2010 CET associate study guides and currently writes the back-to-basics corner in the bi-monthly ETA High Tech Newsletter.

John served in the USAF as a radio communications specialist and was formerly employed by EF Johnson as a technical support supervisor in the field engineering and a technical instructor in RF and mobile radio-telephones.

He has authored many articles in industry publications and trade magazines, which highlight wireless, telecommunications and the importance of non-technical skills in today's high-tech society, where he developed courses for CDMA, GSM, and 3G wireless cellular systems.

In 2006, John was the recipient of the 2 yr colleges GWEC Wireless Educator of the Year award at the CTIA trade show in Los Angeles CA. In 2001, he was the ETA Pete award recipient in Greencastle, IN.

William Brinker, CETma

Bill received both his BSE and MSE from Emporia State University. Bill was the head of the electronics department at the 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. For the last 8 years Bill has worked for Commenco,

an authorized Motorola Sales and Service center. Bill is also a Life member of the American Radio Relay League and currently holds the position of Technical Coordinator for the State of Kansas.

Charles Casbeer, FOD

Charles "Chuck" Casbeer has been working at Infotec and ECPI University, Virginia Beach, Virginia campus since October 1999. Prior to working at Infotec, Chuck was a Master Chief Petty Officer in the United States Navy and proudly served for twenty-two years.

Chuck is the Lead Technical Training Specialist and Fiber Optics Program Manager for Infotec www.infotecpro.com and ECPI University www.ecpi.edu. He teaches Infotec's ETA-I Certified Fiber Optic Installer, Technician, Designer and Military Fiber Optics Courses, along with the Data Cabling Installer certification course. Additionally, he maintains and develops the fiber optics curriculum for ECPI University.

In 1977, Chuck joined the Navy. He 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, Illinois. There he learned basic and advanced electrical and electronics theory using state of the art laboratory and test equipment. After initial training in Great Lakes, he was transferred to the USS Hunley (AS 31), Guam Marianas Islands, in the Western Pacific Ocean. While stationed at Guam, he was given the opportunity to get advanced training in Variable Speed Controllers, Motor Rewind, Sound and Vibration Analysis, Electronic Governors, and maintenance and repair on many different sizes of Motor Generator Sets.

Other assignments included, Leading Submarine Repair Technician on USS Holland (AS 32), Electrical Leading Chief Petty Officer on USS Arthur W. Radford (DD 968), Recruiter-in-Charge Navy Recruiting Station Scranton, Pennsylvania, Navy's Senior Enlisted Academy, Newport, Rhode Island, and Maintenance, Material and Management Coordinator on USS Briscoe (DD 977). Also, he was the Briscoe's Computer Network Systems Administrator. During this time frame he received advanced training in Unix, Novell Systems Administration, and Fiber Optics technology. 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 Virginia Beach, Virginia. In addition, he completed a Bachelors of Science in Technology with a specialty in Optical Technologies from Excelsior College.

Chuck joined the ETA in 1999. His current professional qualifications include Technical Training Specialist and Fiber Optics Program Manager for Infotec IT Training and Certification, Certified Fiber Optics Installer, Certified Fiber Optics Technician, Certified Fiber Optics Designer, Certified in Hands-On Comprehensive Installation Technology for Optical Multimode and Singlemode Local Area Networks, Corning Cable Systems, Certified Fiber Optic Designer for Multimode and Singlemode Networks, Corning Cable Systems, Certified Designer of FutureFLEX® Air Blown Fiber Systems, Sumitomo Electric Lightwave Corporation, Certified Military Tactical Fiber Optic Connector Assembly (TFOCA I and TFOCA II), Stran Technologies, Certified Military Standard 2042() (SH) Termination, Testing and Installation of M28876 and M29504 Connector Assembly, Optimum Fiber Optics, Inc. CompTIA A+, Network+ and Security+. In addition, Chuck is a CompTIA Certified Technical Trainer CTT+. After work, Chuck and his wife (Kellie) enjoy living in Virginia Beach. They have a daughter (Brandi) who graduated from Virginia Tech and is currently living and working in West Virginia and a son (Brett) who is currently living and working in San Diego, California.

Thomas Cawley, B-VoIP, PVI

Tom is a veteran in the Telecommunications Industry with over 35 of experience in nearly all technical disciplines of telecommunications and data communications technologies. He started his career at New York Telephone in 1970 while attending studies at NYU and working in Outside Plant in Queens and Brooklyn, NY. In 1972 he moved to Los Angeles and began a career at Pacific Bell. Tom literally "worked his way up from the mailroom" to Cable Splicer, Splicing Supervisor, Outside Plant Engineering, Plant Schools Instructor and Course Developer.

In 1980 he was drafted by the Pacific Bell IT department as an Analyst to manage the newly formed Dial Data Trouble Analysis Center. He worked in various aspects of data communications in the IT department as an Analyst, Systems Analyst, and Senior Systems Analyst. During his tenure he was responsible for implementing and managing the first internal X.25 network and later the first Frame Relay network. He also developed

Thomas Cawley, B-VoIP, PVI cont...

expertise in network entry point design and implementation, Data Room design, LAN/WAN integration, Network Operations and NMS systems. Tom served as the principal data room design and implementation manager for the Pacific Bell/SBC NOC in both Sacramento and San Diego. In 1992 Tom was once again drafted to serve as a Network Technical Support Manager by the newly formed Pacific Bell Network Data Products group in Concord California. There he was responsible for the implementation and support of large scale Frame Relay and ATM networks as well as Central Office transport technologies.

Tom retired from SBC ASI in 2000 as the ESAC manager for the Network Data Products group. Tom joined a training group in 2001 where he had numerous teaching opportunities and also worked in course development and Instructor training. He is the author or coauthor of several training courses including Fiber Optics, VoIP, Wireless Technologies, Data Communications, and Central Office Technology. Tom holds multiple certifications in Fiber Optics, Cisco and Data Communications from UC Berkeley, Data Cabling and VoIP. Tom is also a member of the ETA and serves on the VoIP, Photovoltaic, Electric Vehicle and other certification development committees.

In more recent years Tom has served the association as a Board Member in the position of Vice Chairman and 2011 ETA Chairman of the Board where he is fondly known as 'King Tom'. He and his training company AmeriSkills, a group affiliated with Mira Costa College in Southern California and Phoenix Downtown, in Phoenix, AZ, have been instrumental in the development of the ETA certification program in Electric Vehicle technology. Tom has over the past several years devoted many volunteer hours to representing the association at industry meetings and conferences and in speaking on behalf of ETA in front of industry related to off-shore drilling, fiber optics, photovoltaics, electric vehicle technology and other electronics related fields. He has also conducted train-the-trainer events for numbers of educators at ETA Annual Education Forums. His focus has been and remains one of offering skilled training that will result in real jobs for technicians.

Richard Glass, CETsr

Dick Glass is the CEO Emeritus of the Electronics Technicians Association, having served as President of ETA for 28 years as well as being the founder. He was the first manager of the NEA (later ISCET) CET program, begun in 1966. With a varied background as an avionics technician, computer, satellite, industrial, master antenna system and consumer electronics technician as well as being a small business owner for many years, he has the credentials to understand the educational needs and the practical work-day problems technicians face. He has also served as President and Vice President of the industry-wide Certified Service Center (CSC) and National Coalition for Electronics Education (NCEE) initiatives.

Dick has served as a Navy Aviation Electronics Technician; was employed as a technical writer for Esterline Angus; taught at ITT Technical Institute; was a computer technician at HURCO Corporation and operated three cable systems and a consumer electronics satellite and antenna businesses. He is an author and co-author of sixteen technical books including CET exam books published by H.W. Sams Co. and Tab Books. Dick headed the 1995 Element Seven committee to revise FCC Commercial Radio Operator License exam pool, and recently headed a committee revising the FCC Element Three exam. He was inducted into the Electronics Hall of Fame in 1992.

Dick has been married for 58 years to wife Dorothy and is the father of four children as well as being grandfather to 15 grandchildren and 14 great grandchildren. He enjoys painting, reading, fishing, golfing, music and is an avid sports fan.

Matthew Jorgenson, CETma

Matt Jorgenson was born in Cincinnati, Ohio, and grew up in Efland, North Carolina. He graduated from Orange High School in Hillsborough, North Carolina, with honors as president of the National Technical Honors Society. He joined the North Carolina National Guard in October 2003 and was sent to Fort Jackson, South Carolina, for basic training. Upon completion of basic training, Matt went to Fort Gordon, Georgia, for 31R

Matthew Jorgenson, CETma cont...

(Multi-Channel Transmissions Systems Operator Maintainer), which is now 25Q. In June 2005, he was honorably discharged from the National Guard and enlisted in the Regular Army the same month. He reported to his first duty station at Fort Polk, Louisiana, in October 2005 and was assigned to BSTB 4/10 MTN DIV. In March 2006, Matt was attached to 2/10 MTN DIV during their rotation at NTC. Upon completion of the rotation, he received an Army Achievement Medal for flawless signal support operating the HCLOS.

As his military term was coming to an end, he was afforded the opportunity to take classes with the University of Central Missouri to enhance his communication technology abilities. During these classes he was able to take various certification exams, which eventually allowed him to become the youngest person to ever attain the ETA master designation, CETma. Matt currently is a Network Technician III at the Orange County School System in Hillsborough NC, where he serves as the senior technician for the district.

Mark McDougal

I am a Master Instructor in Electronics and Electro-Mechanical Technology at the Tennessee Technology Center in Hohenwald Tennessee and currently serve as Faculty Chair for Electronics Technology. Prior to Teaching, I was employed as a Engineering Specialist and Senior Test Supervisor at Wyle Labs in Huntsville Alabama; as an Associate Engineer for Insouth Microsystems in Auburn/Opelika Alabama and as Electronics Technician for Auburn University. Hobbies include amateur radio where I

am licensed as K4YN, I enjoy all types of music, sports, convertibles and spending time with family. I have an A.S. in Electronics Engineering Technology from Calhoun Community College and a B.A. in Math and Natural Science from Thomas Edison College.

Stan Middlebrooks, CETsr

I have been the owner of Middlebrooks Management and Computer Consulting since 1982. Starting in 1975, I have sequentially taught electronics at what is now Lawson State Community College and National Education Center and with Herzing University since 1993. Consulting clients have included the U.S. Dept. of Labor; Kolberg, Kravitz, Roberts and Co.; and a number of financial, legal and industrial firms in the Birmingham area.

My certifications include the ETA-I CETsr, CSS, FCC GROL, CompTIA Net+ and a number more. I was inducted into "Who's Who in American Education" in 1992. I am a published author, "Basic Theory for Electricians" 1st and 2nd ed. © 1976, 1978 College Press.

Shane Morris, CETma

Mr. Morris has been with Motorola for 15 years and currently serves as a Technical Support Manager & Electrical Administrator. Shane 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.

Shane is a member of the Motorola R56 committee and has played an instrumental role in the development and updating of the Motorola R56 manual.

Shane is also a certified Electrical Administrator by the State of Washington. Shane is involved with the development in several of the Motorola certification exams and training classes including, Antenna System Commissioning (ASA), Communications Site Installation Inspector (CSII), Communications Site Installer (MR56), RF Signal Investigation (SIT). He also helped on the T1LV exam and recently was on the ETA USMSS exam committee. In addition, Shane teaches all of these classes to Motorola employees, shops, and

Shane Morris, CETma cont...

contractors.

He currently lives in Buckley, WA (50 miles SE of Seattle) and is married with five kids.

Wayne Siverling, FOI

Wayne K. Siverling, (MSgt USAF Retired) has over 29 years in the telecommunications industry. Currently is an instructor for the US Air Force Cable & Antenna Systems Journeyman Course. Prior to that he was 2E6X2 Communications Cable and Antenna Systems Career Field Development Course Writer for the 364th Training Squadron, 782d Training Group, 82d Training Wing, Sheppard Air Force Base, Texas. He is directly responsible for the technical and military training of over 500 U.S. and international military and civilian DoD personnel annually, in initial and advanced courses. He provides instruction in basic and advanced fiber optics, telecommunications, and antenna maintenance on the largest and most diverse training base in Air Education and Training Command.

Mr. Siverling is directly responsible for the certification testing of 1134 Electronics Technicians Association Certified (ETA) Fiber Optic Installers.

Robert Warren, CETma

Robert Warren has a bachelors of science in Electronics Technology from Belford University. He is a retired US Navy Avionics Technician. He was a part-time instructor at Prince George Community College in Largo MD where he taught Basic Electronics. He has worked for Primus Industries, Inc., as a Manufacturing Engineer in Hunt Valley, MD; along with the Metro Transit Authority in Washington, DC as an Electronics/ Electro-Mechanics Technician. He was selected as Employee of the Month several times plus Employee of the Quarter.

Robert has a very extensive resume with ETA including: Master Electronics Technician and Certified Customer Service Specialist. He has also served as an ETA Certification Administrator for almost 15 years. Robert is a Senior Engineering Technician (SET) retired status with National Institute for the Certification in Engineering Technologies (NICET). He is a current member of the American Society of Certified Engineering Technicians and past president of the MD/DC Chapter. Also in 2009, Robert was an ETA Top 10 CET Certification Administrator awardee. He attended Eastern Michigan University in Ypsilanti, MI and Prince George Community College in Largo, MD. Robert is a member of the Institute of Electrical and Electronics Engineers, Inc. and IEEE communication society.

William Webb, CET

A native of Beckley, West Virginia. Graduated as Valedictorian from United Electronics Institute of Charleston, WV in 1972. Has 39 years experience working with Motorola Service Stations in the Two-Way Radio communications field. Holds a general radio telephone FCC license, wireless journeyman CET and is a CA for ETA. Currently he is Vice President General Manager and part owner of B&C Communications in Columbus, Ohio.

Fred Weiss, CET

Fred Weiss was trained in Electronic Technology and graduated from McKim Technical Institute in Akron, Ohio at the top of his class in 1969. In 1970, Fred was among the first group of technicians in Ohio to obtain a CET from the National Electronics Association. Later that same year he tested for and received his First Class Radio Telephone license with a ships radar endorsement. Fred has worked over the years as a radio and TV bench technician, owned and operated a television repair shop, later owned and operated a VCR repair shop, has worked for a number of years as a broadcast engineer all while teaching electronics full time for McKim Technical Institute.

In 1986 Fred heard about an opening in the Akron Public Schools for an electronics instructor. Though it required taking college classes the retirement benefits were much better so the move was made. Fred taught

Fred Weiss, CET cont...

electronics days at East High School and attended Kent State University nights taking one or two classes a semester until he finally earned enough credits to graduate in 2002. Fred maintained nearly a straight A average and graduated Summa Cum Laude with a Bachelors of Science Degree in Education.

Fred has served on numerous electronic educational committees over the years. He currently sits on the electronics review committee for the Ohio Board of Regents. Fred has served as an officer for ETA-I on a couple of different occasions being the education chair one year and the treasurer another year. Fred has also helped with test reviews and obtained his RESI certification by taking all the exams while in Beta testing mode.

Ira Wiesenfeld, P.E., CETsr

Ira Wiesenfeld, P.E., CETsr, is a consulting engineer who has been involved in the radio communications business since 1966. He has a BSEE from Southern Methodist University in Dallas, TX; a FCC General Radiotelephone Operators License (who also wrote 25% of the current FCC GROL exam); is a Senior Member of IEEE; is a licensed professional engineer in the state of Texas; and is also a

Senior Certified Electronics Technician from ETA-International, along with being the current Communications Division Chairperson of ETA-I (2010-2011). He has been a licensed amateur radio operator since 1963, and currently holds an Advanced Class license. Ira has provided service for the broadcast, public safety radio, mobile telephone, radio common carrier, paging, manufacturing, military, and education markets, and also provides training; and has written a book on radio equipment installation standards, along with numerous magazine articles. Ira has been involved with the ETA-I WCM/USMSS, Line Sweep Testing (LAS), and PIM Certification programs since their inception.

William Woodward, FOD

Bill Woodward is a principal electrical engineer with UrsaNav, Inc. in Chesapeake, Virginia. 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, navigation systems, and radar systems. He is also an educator and author of countless published technical papers, textbooks, and magazine articles.

John Zielinski, CETma, RESIma

John Zielinski is semi-retired and working part time at So Park Corp., an Electronic Contract Manufacturer. He does Conformal Coating of the circuit boards. Prior to that he worked for EJE Research as a test technician.

John has 40 + years of electronics experience (mostly in consumer electronics) and almost 6 years as a computer tech - mostly freelancing with computers and doing operating systems installation. He also has 6 years of broadcast technician experience on a contract basis. John holds several ETA certifications, and if you check the records he doesn't give up to easily on retakes. Just check how many times he retook the E-commerce exam! He holds Comp TIA certifications in A+ and Network+. Currently, John is studying for Linux, ETA Commercial Audio, RFID and CWNA exams.