

# WAVES Online Conference

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Virtual EMS Symposium

**Saturday Mar 12,  
2022 - 7.5 hrs CEU  
Only \$65!**

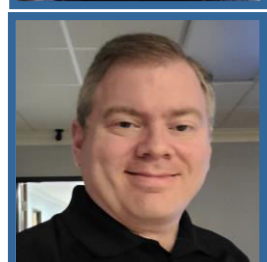
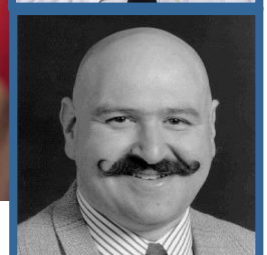
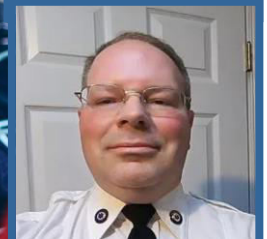
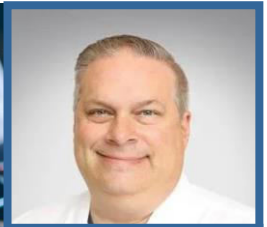
## ONE-OF-A-KIND CONFERENCE

Finish off the recert season with the best of the best! This online virtual instructor led training (VILT) Zoom conference has 7.5 hrs of CEU courses from some of the biggest names in national EMS education. If you need con-ed, get trained by the best! Don't pick another boring expensive online option. Sign up for WAVES!

## REGISTER

Registration is easy and secure! Direct link to the registration page brings you to secure checkout at Square Register to sign up for the conference!

<https://www.atlanticlifesafety.com/waves-online-conference>



## CONFERENCE SNAPSHOT

- Presented through Zoom format 8a-6p
- 🌀 **60 Things in 60 Minutes**  
-Dan Limmer
- 🌀 **Tranexamic Acid: Battlefield to the Street**  
-Dr Jeff Myers, DO, Ed. D, EMT-P, FAEMS
- 🌀 **Syncope: A Wolf in Sheep's Clothing**  
-Jon Politis, MPA, NR-P
- 🌀 **Gender and Heart Disease: Is There a Bias?**  
-Paul Werfel, MS, NR-P
- 🌀 **Suspended Animation: Surviving Hypothermic Cardiac Arrest**  
-Eric Jaeger, JD, NR-P, EMS I/C
- 🌀 **The Real Volunteer Crisis**  
-Wes Ogilvie, MPA, JD, NR-P, LP
- 🌀 **Blocked and Unfriended by My Own Heart: Heart Blocks in the Young**  
-Rory Putnam, AA, NR-P, EMS I/C
- 🌀 **And a special guest Keynote from Scott Nevers, cardiac arrest survivor!**
- 🌀 Top level National Instructors!
- 🌀 Subjects you'll only find here!

# CONTACT

**ATLANTIC LIFE SAFETY** | atlanticlifesafety.com  
Ph: 207-899-5911 | Email: rputnam@atlanticlifesafety.com

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Virtual EMS Symposium

## CONFERENCE SCHEDULE

### SATURDAY MARCH 12 8a-6p

- **SESSION 1 Opening Keynote: 8a-840a Surviving Cardiac Arrest (Scott Nevers)**

Scott was 27 years old when he was playing in a men's softball game, and suddenly collapsed on the field. With no AED on site, he was lucky enough that an ambulance was close by. The EMS team worked on Scott for over 35 minutes and delivered over 20 shocks in a story that no one would ever forget.



- **SESSION 2: 845a-945a Suspended Animation: Surviving Hypothermic Cardiac Arrest (Jaeger)**

- **SESSION 3: 10a-11a Tranexamic Acid: Battlefield to the Street (Myers)**

- **SESSION 4: 1115a-1215p The Real Volunteer Crisis (Ogilvie)**

- **LUNCH BREAK: 1215p-115p (Social Networking Time on Zoom)**

- **SESSION 5: 115p-215p 60 Things in 60 Minutes (Limmer)**

- **SESSION 6: 230p-330p Heart Disease and Gender, Is There a Gender Bias? (Werfel)**

- **SESSION 7: 345p-445p Blocked and Unfriended, By My Own Heart: Understanding Heart Blocks in the Young (Putnam)**

- **SESSION 8: 5p-6p Syncope, A Wolf in Sheep's Clothing (Politis)**

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## CONFERENCE SESSION DETAIL/COURSE DESCRIPTIONS

### SATURDAY MARCH 12, 2022 8a-6p

- **SESSION 1 Opening Keynote: 8a-840a Surviving Cardiac Arrest (Nevers)** - This presentation will share a detailed story of a survivor of cardiac arrest. Scott Nevers is a Mainer who as a young man suffered sudden cardiac arrest, with no warning, no risk factors, during a sports event. His captivating story will illustrate just how important what we do in EMS is, and how one survivor's story can make a difference. Since his survival, Scott has dedicated his life to promoting CPR and AED placement and training. Because if one life is saved, it makes all the difference in the world!



**SESSION 2: 845a-945a Suspended Animation: Surviving Hypothermic Cardiac Arrest (Jaeger)** - This presentation will share vivid, well documented stories of incredible survival from hypothermic cardiac arrest. Recent events demonstrate the importance of this topic even in southern parts of the country where life threatening hypothermia was thought to be a rare event. The case reports we'll explore involve cardiac arrest events spanning six hours or more, with good neurological outcomes. We'll examine the pathophysiology of hypothermia, key determinants of survival following hypothermic cardiac arrest, and the trauma system infrastructure (including ECMO) necessary to support successful outcomes.

- **SESSION 3: 10a-11a Tranexamic Acid: Battlefield to the Street (Myers)** – Tranexamic acid (TXA) is used worldwide in the treatment of hemorrhagic shock. While it has been used for a long time in other settings, its use in trauma became more wide-spread in the austere battlefield environment. Recently, TXA has transitioned into civilian trauma care with many EMS systems adopting TXA for use in out of hospital trauma care. In this interactive session, we will discuss the physiology of and the role TXA plays in treating hemorrhagic shock.

- **SESSION 4: 1115a-1215p The Real Volunteer Crisis (Ogilvie)** - Everyone talks about the lack of volunteers in both EMS and the fire service. Everyone talks about the changing economy and world we live in as a hurdle for volunteer recruitment and retention. Yet, most volunteer organizations continue to recruit and retain volunteers without regard to these changes. If we're going to fix the volunteer crisis, we must start with fixing volunteer organizations and their culture!

- **LUNCH BREAK: 1215p-115p (Social Network Time on Zoom)**

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## CONFERENCE SESSION DETAIL/COURSE DESCRIPTIONS

**SATURDAY MARCH 12, 2022 8a-6p**

- SESSION 5: 115p-215p 60 Things in 60 Minutes (Limmer) -**  
 Developed as a sequel to Dan's popular 75 Things in 75 Minutes, this presentation moves along at a rapid pace, provides a variety of insights throughout the EMS scope, and fits Dan's limited attention span. With concepts from safety to assessment to diagnosis to operations, you will learn—Learn 60 things in 60 minutes!
- SESSION 6: 230p-330p Heart Disease and Gender, Is There a Gender Bias? (Werfel) –** We all know that women are different than men. But when women suffer heart attacks are the symptoms different? Are demographics like mortality and morbidity the same? Do women get adequate treatment? Join EMS instructor and author Paul Werfel for an in depth look at the gender gap in heart disease and its treatment.
- SESSION 7: 345p-445p Blocked and Unfriended, By My Own Heart: Understanding Heart Blocks in the Young (Putnam) -** Heart block is a rare condition normally affecting older patients. If you saw it in younger patients, would signs and symptoms make you suspicious enough to do a 12 lead EKG? Some are relatively benign but many can carry serious complications or be deadly. We'll review heart blocks, discuss causes from conduction abnormalities to diseases like Lyme and explore permanent treatments we may encounter. Come with us on this journey (one which your instructor has personal experience with!) with case studies and learn how to make a positive impact.
- SESSION 8: 5p-6p Syncope, A Wolf in Sheep's Clothing (Politis) -**  
 Syncope or fainting is perhaps one of the most under assessed and minimized complaints that many EMS providers see. In fact, syncope is a potentially lethal chief complaint and needs to be worked up with the same sense or urgency as chest pain, breathing difficulty and other serious complaints. In this case study based presentation The major causes of syncope will be discussed along with assessment and treatment of the various causes.

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## Faculty



### Dr Jeff Myers, DO, EdM, EMT-P, FAEMS

Dr. Myers helps EMS providers up their game and become better clinicians through education and mentoring. He has a 34-year history in emergency services as an EMT, Paramedic, EMS Physician and EMS Medical Director. He trained at the University at Buffalo in emergency medicine and EMS and has worked in academic and community emergency department settings. He has been an active EMS medical director for several services during his career. He has a dynamic style and has an expertise in making the complex concepts simple. He is active as an EMS physician and educator nationally. Dr. Myers currently works clinically at UPMC Williamsport, a level 2 trauma center in North Central Pennsylvania, and is the Assistant EMS Medical Director for Susquehanna Regional EMS.



### Jon Politis

Jon is a proven and respected emergency services leader and educator. Starting in college in 1971, he has served in many capacities...EMT, firefighter, ski patroller, paramedic, paramedic program director, state EMS official (VT and NY), EMS Chief and Fire Chief.

He has a reputation of integrity and solid leadership in both career and volunteer organizations. He served on the Board of Directors of the National Registry of EMTs, Committee on Accreditation for the EMS Professions, been co-investigator of original research and authored numerous articles and texts. In 1989 he led the Town of Colonie, NY to consolidate the Town's six Rescue Squads into a single municipal EMS department. He served as the Chief of the Town of Colonie EMS Department from 1989 to 2010 when he retired. During his tenure as Chief, Colonie EMS won two national awards, two regional awards and the New York State EMS service of the year award. In retirement he served as the interim director of a community ambulance service and led them through a consolidation effort with a neighboring agency. He has also served as the Chief of his community volunteer fire department. He is a highly sought after educator and has presented at many local and national conferences across the US and Canada and he still practices as a paramedic.

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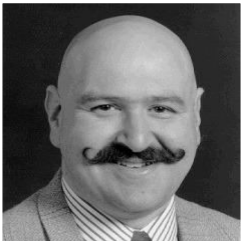


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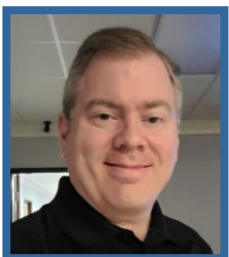


## Faculty



### Paul Werfel

Paul A. Werfel, MS, NREMT-P, a prolific international speaker, and author of over 50 articles, magazine columns, and book sections, brings 3 decades of EMS experience to the paramedic program. In addition to fourteen years as a NYC Paramedic, Professor Werfel has served as: Program Coordinator for Advanced Cardiac, Trauma and Pediatric life support at the Emergency Care Institute at Bellevue Hospital-NYU Medical Center in New York City, and as Emergency Care Programs Coordinator at Jamaica Hospital, Queens N.Y. In addition to being the Director, he also serves as Professor of Clinical Emergency Medicine and Clinical Assistant Professor of Health Science. A recipient of the 1998 Faculty Achievement Award, Professor Werfel is also a member of the review boards for Pre-hospital and Disaster Medicine, and Pre-Hospital Immediate Care Magazines. He is an expert writer for the National Standard EMT-Intermediate/Paramedic Curriculum revision project, and, a founding Board of Directors Member of the National EMS Educator's Association. He holds a Bachelor's Degree in Public Policy from SUNY Empire State College and a Masters Degree in Health Policy and Management from Stony Brook University and is a frequent standard of care expert for litigation involving EMS practitioners and systems. Frequently featured on videos and radio programs, Professor Werfel is a member of the editorial board for EMS World Magazine and for many years held the same position with JEMS magazine, authoring the "Ask the Educator" column on the JEMS web site as well as primary author for the "Case of the Month" column In JEMS magazine for seven years. A book "Clinical Clues", based upon those columns was published and released by Mosby/Jems in February 2003. He lives in Port Jefferson New York with his wife and three children.



### Wes Ogilvie

Wes is a Texas licensed and nationally registered paramedic who happens to fund his volunteer EMS habit by practicing law within Texas state government. He has a bachelor of arts in government and sociology from the University of Texas, a masters of public administration from Texas State University, and a law degree from Texas Tech University. He is licensed by the State Bar of Texas. His volunteer EMS career has given him exposure to rural, suburban, and urban EMS throughout Texas as well as providing EMS education. He has particular interests in legal education for EMS and in volunteer EMS.

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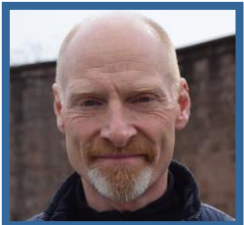


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## Faculty



### **Eric Jaeger, JD, NRP, EMS I/C, RSI Paramedic, EMS Educator and Attorney**

Eric Jaeger, JD, EMS I/C, NRP is an RSI paramedic and EMS educator; he is also an attorney. He works at Exeter Hospital in Exeter, NH on the hospital's ALS Paramedic Intercept team and in the emergency department. Eric lectures extensively on EMS topics, including most recently at the Texas State EMS Conference and the Colorado State EMS Conference. He has served on the State of NH EMS Protocol Committee for over 15 years. He holds a BS, Computer Science from MIT and a law degree from Boston College Law School from which he graduated summa cum laude. Publications: "Know the Differences between Seizures, Epilepsy & Mimics," JEMS, 12/2012, and "Prehospital Care of Neurologic Emergencies, Ch. 5 Spinal Cord Injury," Cambridge University Press, 08/2014.



### **Daniel Limmer**

Daniel Limmer is a paramedic and police officer who has been involved in EMS and Law Enforcement for 40 years. He is an instructor for Galveston College in Galveston, Texas. Dan speaks at EMS conferences around the world. He is a co-author of several textbooks including *Emergency Care*, *EMR Complete*, the education standards Transition Series for EMT, AEMT and Paramedic, and *EMPACT*. He develops smart phone and web-based review apps for the emergency service fields through his company, Limmer Education, LLC.



### **Rory Putnam, AA, NR-P, EMS I/C**

Rory Putnam is a Paramedic from Windham, ME and the owner of Atlantic Life Safety, (your conference sponsor), an EMS, Emergency Management & Safety education/consulting company in New England. He has over 31 years in private service, municipal and federal government EMS and EMA operations, education and communications management positions and still works in the field for York Ambulance in Maine. He has been published by EMS World Magazine, written peer-reviewed CEU articles, is a frequent state, regional and national speaker, a Lead Paramedic Instructor for EMTS, Inc in northern MA and serves as EMS Instructor for Biddeford Regional Center of Technology in Maine.



### **Scott Nevers, Cardiac Arrest Survivor**

Scott Nevers is a Mainer who at 27 suffered sudden cardiac arrest, during a sports event. His captivating story will illustrate just how important what EMS does is, and how one survivor's story can make a difference. Since his survival, Scott has dedicated his life to promoting CPR and AED placement and training.



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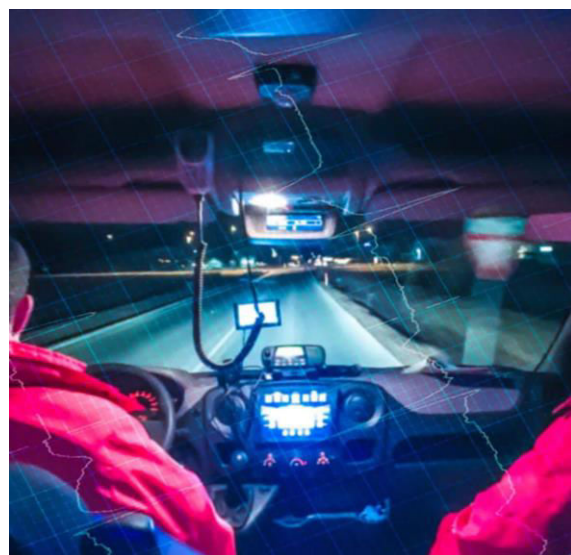
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- Get 7.5 hrs CEU in ONE DAY!
- An AFFORDABLE Price!
- Learn from Top National Speakers!



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