

The 9th Annual NCEMSF Conference

**Hosted By:
The Stony Brook Volunteer
Ambulance Corps.**

Presents



Professionalism Within Collegiate EMS

**February 8 — 10, 2002
Islandia Marriott
Islandia, New York**

Conference Overview

Friday, February 8, 2002

2:00 pm—10:00 pm	Check-In
7:00 pm—10:00 pm	Welcome/Social
7:00 pm—10:00 pm	Skills Competition

Saturday, February 9, 2002

8:45 am— 10:00 am	Breakfast
9:00 am— 12:00 pm	Late Registration and Check-In
10:00 am—6:00 pm	Trade Show
9:00 am— 9:45 am	Richard W. Vomacka Student Seminar Competition EMS Operations at Special Events Medical Care at Mass Gatherings Making Conflict Work for You
10:00 am—11:15 am Track A Track B Track C	Session 1 Head and Facial Trauma A System to Make Work CISM at the World Trade Center
11:30 am—12:45 pm Track A Track B Track C	Session 2 Care of the Spinal Injured Athlete Leadership Forums More Than Just an Ambulance Corps
12:45 pm—2:45 pm	Lunch (On Your Own)
2:45 pm—4:00 pm Track A Track B Track C	Session 3 New Advances in Airway Management Bringing Out the Leader in You Terrorism on Campus (Germ Warfare)
4:15 pm—5:30 pm Track A Track B Track C	Session 4 Designer Club Drugs EMS Leadership Forums Implementing an EMD Program
7:30 pm—1:00 am	Award Banquet/Semi-Formal Dinner Dance

Sunday, February 10, 2002

9:00 am—10:00 am	Breakfast (On Your Own)
10:00 am—12:00 pm Track A Track B	Closing Session Critical Incident Stress Management Organizational Forums

Note the track when selecting your conference sessions.
Track A..... Medical
Track B..... Administration
Track C..... Potpourri

**From the SBVAC
Chief:**

Though it seems as if only yesterday we were awarded the bid for hosting the 2002 NCEMSF conference, the big day has finally arrived. Our year long culmination of hard work and effort has finally materialized. We hope you enjoy the next seventy-two hours and leave with new ideas, motivation, and programs that will renew your commitment to your companies. Despite all the last minute registrations, it is heartwarming to see over forty organizations from various points in the country collaborating towards success. If my staff or I can be of any assistance, please do not hesitate to ask.

Joshua Moskovitz
2002 Conference Committee Chair
Chief of Operations
Stony Brook VAC

**From the NCEMSF
President:**

It is my pleasure to welcome you to the National Collegiate EMS Foundation Conference hosted by the Stony Brook Volunteer Ambulance Corps. NCEMSF is in it's ninth year of organizing conferences around the country focused on strengthening campus based Emergency Medical Services. The educational experience gained from the workshops and sessions combined with networking opportunities during our social events will enable you to learn and exchange ideas. We hope to continue our momentum and build upon our previous successes. I look forward to meeting you at the conference.

George Koenig Jr., MS
President NCEMSF

**From the SBVAC
President:**

On behalf of the Stony Brook Volunteer Ambulance Corps, I welcome you to the Ninth Annual NCEMSF Conference. Over the past 30 years, SBVAC has struggled to become the corps it is today. Through this conference we wish to impress on you the ideas that have helped shape and evolve SBVAC. We also invite you to share your experiences with us so that we may also continue to learn. Our members have worked diligently to ensure your stay is both educational and enjoyable. We hope you enjoy the conference!

Christina Mannino
President
Stony Brook VAC

**Professionalism Within
Collegiate EMS**

Our conference theme, *Professionalism Within Collegiate EMS*, has been chosen to help develop the foundations on which organizations stand. The conference is geared towards the professional development of all aspects of EMS, from the layperson to the team leader. During the past few years SBVAC has grown exponentially through the use of many new innovative strategies in management, long term planning, and company policies. It is the goal of this conference to pass as much information as possible on to you, to make your company the best it can be, and the respect of local departments.

Visit Us on the Web:
www.ncemf.org www.sbvac.org



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Alison Moe

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Edward Stapleton III

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About SBVAC

The Stony Brook Volunteer Ambulance Corps became incorporated in 1970 by a group of college students who were unhappy with the level of emergency care that was available to the campus community. What began as a small operation blossomed into two advanced life support ambulances boasting more than eighty members, answering a yearly call volume of up to six hundred requests. SBVAC has grown significantly over the past few years becoming an integral part of the university and Suffolk County communities. Recently SBVAC won runner-up for the annual REMSCO awards for EMS Agency of the Year and has received multiple honorable mentions from various

Conference Schedule

Friday, February 8th, 2002

12:00 pm— 10:00 pm

Registration and Check-In

Check-in will take place at the front desk of the Marriott Hotel independently of conference registration. Conference registration will be in the lobby, directly across from the front desk. Please allow ample time at the registration and check-in desks. Conference I.D. tags must be worn at all times in order to gain admittance to all lectures and events.

7:00 pm — 12:00 am

Welcome & Social

Join us in the Grand Ballroom to meet the NCEMSF board and SBVAC as they welcome everyone to this year's conference. Dress is casual so relax and have fun. At the conclusion of the evening there will be a raffle with many great prizes. You have to be present to win.

Saturday, February 9th, 2002

*Please wear your agency attire
for Saturday's Breakout Sessions*

8:45 am—10:00 am

Breakfast & Late Registration

Breakfast will be available in the Grand Ballroom, but don't forget to join your peers as they give the following lectures. Late check-in will be available for those who need it.

9:00 am—9:45 am

*Richard W. Vomacka Student Seminar
Competition*

The Provision of Medical Care at Mass Gatherings

By: David Rand of George Washington University

Collegiate emergency medical services agencies are continually confronted with the challenging task of planning and staffing medical care at events which attract significant crowds, such as concerts, commencement ceremonies, and sporting events. Successful delivery of medical care at these events yields many positive dividends, including revenue, public recognition, and patient management experience for members. On the other hand, a poor outcome may damage credibility among students and university administrators, and, group morale. In my presentation, I will draw from both personal experience and academic research I have conducted on the topic.

Making Conflict Work For You

By: Jennifer Shoemake and Becca Debrecht of Texas A&M EMS

Many view conflict as a source of tension. In this presentation however, we will illustrate how to approach conflict productively. Through proper conflict management techniques, problems transform from a source of ulcers into a tremendous mechanism of growth. This seminar will equip you with the tools that you need to work as a group to tackle the most common and most irritating hurdles that campus emergency medical services face. We will also demonstrate how appropriate mediation can strengthen the back bone of your service.

Richard W. Vomacka Student Seminar Competition Continued on the next page

Do You Need Something?

If you should happen to have any questions during your conference experience, any person with a ribbon on their badge will be more than happy to assist you.

9:00 am—9:45 am

*Richard W. Vomacka Student Seminar
Competition*

“Lions... Rock Stars... and Monster Trucks... Oh My!”

An Introduction to EMS Operations at Special Events

By: Clayton P. Ondrizek of Penn State EMS

The spectrum of this presentation ranges from the importance of pre-planning and consulting with event sponsors, to staffing and equipment issues, to event operations, to special considerations. Whenever possible, the “Penn State Model” for operations will be used, as a general guideline for the newer groups who are looking to expand their scope of coverage, as well as a reference point for more established organizations looking to refine their operations.

10:00 am—6:00 pm

Trade Show

Throughout the lobby there will be various vendors exhibiting EMS items of interest. Don't forget to purchase your custom 2002 Conference T-shirt.

10:00 am—11:15 am

Session One

Track A: Head and Facial Trauma

By: Paul Werfel, EMT-P

The pre-hospital practitioner's handling of the patient with head and facial trauma can be one of the most difficult scenarios to successfully manage. With airway issues to deal with, C-spine injuries and profuse bleeding all factoring into the equation, it's easy to see how daunting a task this can be. In this very graphic and interactive discussion we will discuss the methods of assessing and managing these injuries that affect nearly 2 million people in the U.S. and result in approximately 50-55% of all prehospital deaths.

Track B: A System to Make It Work

By: David I. Bacall

Every outcome is the result of a perfectly designed system. From the care of a patient to your services recruitment plan, a system determines your courses of action. We will investigate sources of power and techniques of leaders to help you create your recipe for success. I guarantee you will walk out of here with something you can use. The first step is just showing up.

Track C: CISM at the World Trade Center

By: Christine Rexer, RN, EMT-P

October 2001—A Week in New York: One perspective from a member of a CISM Team who went to help the World Trade Center CISM Support Services.

**Don't Forget
Track A: Medical
Track B: Administration
Track C: Potpourri**

11:30 am—12:45 pm

Session Two

Track A: Care of the Spinal Injured Athlete

By: Douglas M. Kleiner, PhD, ATC, NREMT, FACSM

In 1998, the National Athletic Trainers' Association (NATA) formed the Inter-Association Task Force for Appropriate Care of the Spine-Injured Athlete to develop guidelines for the appropriate management of the catastrophically injured athlete. The mission of the first meeting was to develop guidelines for the pre-hospital management of the physically active individual with a suspected spinal injury. The purpose of the second meeting was for the task force to discuss equipment concerns with the manufacturers, and to develop a plan for producing and disseminating educational materials. After the guidelines and recommendations were written, a sub-group of the task-force was formed to write a formal document to be distributed as a monograph.

Track B: Leadership & Management: Changes & Challenges

By: Bob Delagi & Mark Brenner

EMS leaders of the future will need to be “masters of change.” Change is all around us. How you look at change will largely determine how you react to it. Change and challenge bring constant opportunities to grow and improve.

EMS is operating in a rapidly changing environment and the responsibilities of EMS leaders and managers have become more complex than they were just a few years ago. Those who will lead and manage EMS agencies must be prepared to deal with a wide variety of demanding issues, ranging from health care reform and managed care, to the increasingly complex set of rules and regulations promulgated by federal and state government, the demands of an aging and more informed population, recruitment and retention issues and large scale incidents created by natural or manmade forces.

This seminar provides attendees with a knowledge base of general management and leadership principles and characteristics, give you the opportunity to discover your own management style, and to provide you with insight into the changes that are occurring that will alter how you provide your service and govern your organization.

Track C: More Than Just an Ambulance Corps

By: Stu Rosenhaus

Being part of a Campus Based Emergency Medical Service is more than just responding to EMS calls. We are in position to use our training and expertise in many other areas of campus life. This presentation and discussion will focus on: creating name recognition for your organization, using special events to boost membership and public image, building long term relationships with public safety, campus administration, and student government, and most important sources of funding in order to accomplish these goals.

12:45 pm— 2:45 pm

Lunch (on your own)

Don't forget to visit the vendor tradeshow

2:45 pm—4:00 pm

Session Three

Track A: New Advances in Airway Management

By: Gregory P. Garra, D.O.

The new American Heart Association International Guidelines on CPR and Emergency Cardiac Care has defined new and innovative approaches to resuscitation. This presentation will review the key recommendations related to prehospital care at both the basic and advanced level. Special emphasis will be given to the “ABCD-ABCD” approach to assessment and care, airway management, ventilation, defibrillation, and specific drug interventions. This workshop is appropriate for both EMT-Basics and Advanced level EMS providers.

Track B: Bringing Out the Leader in You

By: George J. Koenig, Jr., MS

This workshop is a forum for open and frank discussion on the leadership and interpersonal relationship problems within collegiate Emergency Medical Service organizations. George Koenig will share some proven methods to resolve motivational issues affecting the organization and individual members. When both the organization’s and the individual goals complement on another, motivation is increased.

Track C: Terrorism on Campus (Germ Warfare)

By: Carl Post

The Ultimate Cocktail poses the annoying question that haunts many of us right now: do we really know what to expect from germ warfare episodes in our country?

There are myriad web sites and not a few federal agencies claiming that things are all under control.

Newly minted conventional wisdom indicates it is easy enough to react to bio-terrorism just so long as we know which problem is now in our lap. Is it a virus? Is the nastiest one with all the blood and sores? Is it Anthrax? Did it come from naturally occurring beans? Was it small pox? Or is it the plague-bubonic if you will and really hell to deal with if it is in an aerosol can?

If we have 300 million small pox shots lying around, do we have 100 million streptomycin countermeasures on hand? It is all a matter of planning! Match the disease to number of patients and then find the medicines. Apart from the fear we should all have that not enough medicines of the right kinds exist at this juncture, there is the distinct possibility that newly engineered versions of viral weapons, bacterial weapons and found in nature weapons have been fortified, or worse still, made into killer amalgams.

A scenario such as that is part of a novel about germ warfare. Using a few excerpts from it we can set up a scene survey (sic) and mechanism of injury for the unthinkable. What if a super weapon gives you the flu and then gives you the plague in a one, two sequence?

If large numbers of people succumb to this Doomsday event, then will EMS people have the unhappy role of putting quarantine measures in place? Will the care giving lifesavers be cast in the role of having to sacrifice a few to save a larger number outside a circle of death?

The Ultimate Cocktail is a cautionary note about who we are, what we do and above all, how we should expect the unexpected.

4:15 pm—5:30 pm

Session Four

Track A: Designer Club Drugs

By: Jeanne Alicandro

The number of students on college campuses using ecstasy, other “club drugs”, and designer drugs has been increasing in recent years. As the use of these drugs increases, it is essential for practitioners to recognize and manage their effects. This lecture will address the presentation and management of intoxication with MDMA (Ecstasy), GHB, fentanyl, ketamine, and other newer drugs of abuse.

Track B: EMS Leaders—Where We Were, Where We Are, and Where Can We Go

By: Raphael M. Barishansky

We will be looking at leaders from EMS past and present for common attributes and examining how they - as well as other factors such as higher education, increased awareness of EMS, etc. will be impacting the EMS leaders of tomorrow.

Track C: Emergency Medical Dispatch

By: Myles Quinn

Will review the history and growth of Suffolk County’s EMS dispatch system. This will include the start of Suffolk County’s 911 program in 1975 and the initial program to deliver pre-arrival instructions to all emergency callers. The program will present Suffolk County’s strive to improve this service resulting in the implementation of the County’s current EMD program. The program will further explore the impact, delivery and acceptance of the EMD program in the volunteer fire and EMS of the County

The program will present the possibilities for Universities and Campuses to provide pre-arrival instructions to it campuses and it will present the recent program implemented with the cooperation of SUNY PD and EMS at Stony Brook.

5:30 pm—7:30 pm

Break

7:30 pm—1:00 am

*NCEMSF Awards Banquet/Semi-Formal
Dinner Dance*

Key Note Speaker

Edward G. Wronski

NYS Director of EMS

Sunday, February 10, 2002

9:00 am—10:00 am

Breakfast (On Your Own)

10:00 am—12:00 pm

Closing Sessions

Track A: Addressing Emergent Psychological Needs During Traumatic Events

Dr. Ray Shelton, EMT-CC, Director, Professional Development

A Child is struck by a car, critically injured - her mother screams in hysteria at the sight before her eyes. Medics work, apply their medical skills, treat and transport – all the while the mother is left unattended, avoided.

With all of our medical knowledge and ability, the one skill not taught is the management of the *Emergent Psychological* needs of our patient, family or bystanders. What is Traumatic Stress, what do you say to the hysterical person to gain control and how can you effectively manage Acute Traumatic Stress Reactions in your patients and yourself?

This presentation will discuss ACUTE TRAUMATIC STRESS MANAGEMENT (ATSM) a pragmatic process developed for all emergency responders to address the emergent psychological needs of individuals exposed to traumatic events. As the first person in contact with the patient and family, you are in an ideal position to address traumatic stress in its earliest phase. The implementation of ATSM, along with traditional emergency medical intervention, offers a comprehensive response strategy to meet the needs of the “whole person”, thus raising our level of care beyond traditional medical management.

Track B: Organizational Discussion Forums (Limited to the First 50 Participants)

By: Leo Debobes and NCEMSF Staff

The meat and potatoes of an ambulance company is learning the ropes of its individual needs. Each agency's unique identity will be addressed as well as problem solving techniques catered to your agency. Topics open for discussion are How To: Start an organization, Improve relations with neighboring departments, Network out to campus officials, Create SOPs and By-Laws suitable for the company, and many more. This open ended discussion forum is a must for all chiefs' and presidents' of all organizations regardless of size and age.

Speaker Biographies

Jeanne M. Alicandro, M.D., F.A.C.E.P.

Dr. Alicandro is the current Medical Director of Suffolk County EMS and has recently won the New York State Regional EMS Council Award for *Physician of the Year*. She completed an Emergency Medicine residency at University of Maryland in Baltimore, and has been an emergency medicine physician for 20 years.

David I. Bacall

David I. Bacall began his career in emergency services in New Jersey with the Teaneck Volunteer Ambulance Corps while still in high school. In college he first moved to the University of Hartford where he became the EMS coordinator his Freshman year, a position he held for two years. He also volunteered with the Bloomfield Ambulance and became a Connecticut State Certified EMT examiner. Bacall finished his degree at Ramapo College of NJ where he established the College's Emergency Medical Service. He holds a BA in Public Communication from Ramapo as well as a Certificate in C.I.S.M From the Yale University School of Medicine. Bacall is currently training to become a NJ E.M.T. Instructor and still Volunteers, and holds the rank of first Lieutenant, at Teaneck Ambulance.

Raphael Barishansky

Raphael M. Barishansky is currently the Executive Director of the Hudson Valley Regional EMS Council – where his primary responsibility is EMS System oversight for a six-county area of NY State. He has previously been an EMS Coordinator for the St. Barnabas Health Care System, as well as an EMS provider in Newark, Irvington, Teaneck and Englewood – all in New Jersey. He has also functioned as an EMS Consultant on numerous projects and is currently a site reviewer for the Commission on Accreditation of Ambulance Services (CAAS).

He has been a guest lecturer at many academic institutions and has recently authored a chapter in a book – entitled EMS System Development in Developing Countries – for the World Health Organization and the Pan American Health Organization.

Mr. Barishansky has earned a Bachelor of Arts in Psychology from Touro College and a Master of Public Health degree from New York Medical College.

Mark Brenner

Mark Brenner is an Ex-Chief and Life Member of the Huntington Community First Aid Squad, where he has served for twenty-five years. A Certified Instructor Coordinator and Regional Faculty Member for Suffolk County, N.Y. EMS, Mark is a two-time recipient of the New York State Ambulance and Rescue Association "EMS Educator of the Year" Award. Mark's varied EMS experiences include working as a college EMT at C.W. Post College and as an EMT with Jamaica Hospital, Jamaica, Queens, N.Y. Mark is a band director at Schreiber High School, Port Washington, N.Y. and the proud father of three children.

Speaker Biographies

Leo Debobes

Robert Delagi

Robert Delagi has over 24 years of fire/rescue and EMS experience. He serves as the Chief of Pre-Hospital Medical Operations for the Suffolk County Division of EMS. He is active in various state and local New York EMS committees, as well as being the past-Chairman of the Suffolk County Regional EMS Council.

Gregory P. Garra, D.O.

Gregory P. Garra is an Assistant Professor of Clinical Emergency Medicine in the Department of Emergency Medicine at the State University of New York at Stony Brook. Dr. Garra is board certified in both Emergency Medicine and Pediatric Emergency Medicine. He completed a residency in emergency medicine at Albert Einstein College of Medicine and pediatric emergency medicine at Morristown Memorial Hospital. He currently works as an attending physician in the Emergency Department at University Medical Center at Stony Brook and serves as the Acting Director of the Residency in Emergency Medicine. Dr. Garra also serves as a Medical Control Physician for Suffolk County EMS

Douglas M. Kleiner, PhD, ATC, NREMT, FACSM

Douglas M. Kleiner holds faculty appointments in the Department of Emergency Medicine, and the Department of Orthopaedic Surgery at the University of Florida, College of Medicine, in Jacksonville, Florida, as well as in the Sports Medicine - Athletic Training Education Program at The University of North Florida, in Jacksonville. He is a Licensed and Certified Athletic Trainer, a Nationally Registered and Licensed Emergency Medical Technician, and a Fellow of the American College of Sports Medicine. Dr. Kleiner received his undergraduate and Master's degrees from the University of South Florida, and his doctoral degree from Auburn University. In 1997 Doug Kleiner was named the Chairperson of the Inter-Association Task Force for the Appropriate Care of the Spine-Injured Athlete. He has published more than twenty-five refereed manuscripts and one hundred refereed abstracts. Dr. Kleiner has also made more than one hundred invited or refereed presentations at national and international meetings. His research focus has been primarily on removal techniques of protective equipment during the emergency management of the catastrophically-injured football player.

Speaker Biographies

George Koenig

George Koenig Jr., NCEMSF President, is currently a medical student at The Philadelphia College of Osteopathic Medicine (PCOM). He graduated from Bucknell University with a degree in Biology and Chemistry. While attending college, he was active with Bucknell's quick response group. He served for two years as President of the Bucknell Emergency Response Team. After college he completed a Master degree in Biomedical Sciences from PCOM. He is currently certified as a Pennsylvania EMT-B.

Dedicated to the advancement of collegiate EMS, he became involved with NCEMSF at the first annual conference held at Georgetown University. He served as Vice-Chairman of the Constitutional Committee and Temporary Governing Board from 1995 to 1996. In 1996, he was elected as President of NCEMSF. Aside from his involvement with NCEMSF, he is a member of the Volunteer Medical Service Corps of Lower Merion and Narberth, and the Penn Wynne-Overbrook Hills Fire Company. His strong convictions about the benefits of collegiate EMS are evident by the encouragement and support that he offers on a daily basis to collegiate EMS groups. Any inquires may be e-mailed to president@ncemsf.org.

Carl J. Post

Carl J. Post is a well known journalist, historian and teacher of EMS systems at the MPH level. He is currently publishing a series about the surviving volunteer ambulance squads in New York City. He published an article about the C. W. Post College EMS unit thirteen years ago. He has one coming out this year about the squad serving Columbia University. His best known work to date is OMAHA ORANGE: A Popular History of EMS in America. A more recent publication of note is however a novel about germ warfare. After writing almost two dozen articles and short stories about germ warfare since 1995, Carl finished writing Die & Let Live: Bio-Terrorism strikes America only a few months before the 9-11 tragedy happened. He has one important question to ask about the subject: can a caregiver kill some people in order to save other people and still remain a caregiver at all? His carefully mixed ultimate cocktail will be served in such a way as to make you wrestle with the question yourself.

Myles Quinn

Myles P. Quinn is presently the Chief of Operations, Suffolk County Fire Rescue and Emergency Services, Communications Bureau. He has been with Suffolk County for over 26 years and he has risen from the ranks as a communications dispatcher and as shift supervisor. His work experiences and duties have included serving on the County's 911 Commission, responding to the 1995 Wildland Fires, the crash of TWA Flight 800 and most recently he was assigned to work for the New York City Office of Emergency Management at the World Trade Center disaster.

Myles is also a 30-year veteran of Suffolk County's fire and EMS services. He has served for six years with the East Brentwood Fire Department serving as an EMT/firefighter. He for the past 25 years has served with the Brentwood Fire Department as a firefighter assigned to the Truck Company #1 which answered over 1500 alarms in 2001. Myles has received the Brentwood fire Department's Medal of Valor, 3 Chief's Citations for Fire Duty, 3 Citations for Exceptional Performance and numerous other awards.

Speaker Biographies

Christine Rexer, RN, EMT-P

Christine Rexer has been involved in various aspects of EMS for last 19+ years. She currently holds a number of leadership roles including President of Skippack Emergency Medical Services, a volunteer organization based in Montgomery County, Pennsylvania, Financial Director, Montgomery County Critical Incident Stress Management Team and Managing Director, Mobile Health Network (a small co-op of ambulance organizations). In addition to being a command Paramedic and an EMT Instructor, she actually finds time go to work. She is a CRA for a global drug development company and manages 16 sites participating in a drug trial for a major pharmaceutical company. In October 2001, along with five other members from the Montgomery County CISM Team she spent a week in New York working with World Trade Center CISM Support Services. She has previously served in operational positions as Deputy Chief and Assistant Chief.

Stu Rosenhaus

About Stony Brook

Stony Brook is in the forefront of integrating research and education at the undergraduate level and was recently selected by the National Science Foundation as one of only ten universities in the nation to receive a special recognition for this based on educational vision, a significant record of accomplishments, and leadership in the field of higher education.

Identified as a Type I Research University by the Carnegie Foundation — the highest classification and a distinction granted to fewer than 2% of all colleges and universities nationwide — Stony Brook joins the ranks of such institutions as Harvard, Yale, Johns Hopkins, Princeton, and Stanford as the newest member of the Association of American Universities (AAU), the prestigious organization of research universities whose membership now totals 63 nationwide.

Stony Brook's enrollment is 19,831, with students hailing from all 50 states and 80 foreign countries. Currently there are 13,257 undergraduates and 6,574 graduate students. The overwhelming majority of first-time, full-time Stony Brook students are still in attendance after their first year. More than half of Stony Brook's undergraduates live on campus. With 1,797 faculty members, the faculty-student ratio is about one faculty member for every 18 students.

Speaker Biographies

Ray Shelton Ph.D., EMTCC

Fellow, American Academy of Experts in Traumatic Stress

Director of Professional Development

Dr. Shelton, Fellow and Director of Professional Development with the American Academy of Experts in Traumatic Stress, has provided consultation, development and training to the corporate, industrial, medical and education community in the area of Stress Management, Crisis, Trauma and Violence throughout the world. Dr. Shelton is the author of the book EMS Stress, An Emergency Responders Handbook for Living Well (Mosby Publications, 1994), and Acute Traumatic Stress Management (American Academy of Experts in Traumatic Stress, 2001). Dr. Shelton further served on the American Hospital Associations Ad Hoc Committee on Major Transportation Carrier Disasters in developing the report - Major Transportation Carrier Disasters: Improving Response and Coordination, 1991.

Dr. Shelton develops and trains corporate, industrial, emergency service, clergy and educator based trauma response teams, as well as providing training to the mental health community regarding Traumatic Incident Stress Management.

In the wake of the World Trade Center disaster, Dr. Shelton is consulting with the Federal Bureau of Investigation New York Office regarding Traumatic Stress Management for staff and staff families. Additionally, he is providing clinical direction for the Long Island N.Y. Critical Incident Stress Management response teams, including Emergency Service and Hospital Based programs. Dr. Shelton regularly consults with the news media regarding Traumatic Stress offering expert commentary for CNN, ABC, FOX, the NY Times and Newsday. He is currently conducting training in Acute Traumatic Stress Management for Brown, Boston and Stony Brook Universities.

In addition to his work with the Academy, Dr. Shelton has been a member of the Emergency Service Community for 36 years, having served as a firefighter and Paramedic. Dr. Shelton has been with the Nassau County N.Y. Police Department for 28 years serving as Director of Emergency Medical & Health training at the Police Academy. He further serves as the clinical director for the Nassau and Suffolk County Critical Incident Stress Management programs. Dr. Shelton is an Honorably Discharged Veteran having served in the US Navy as a Hospital Corpsman.

Paul Werfel, NREMT-P

A prolific international speaker, and author, Paul Werfel brings 25 years of EMS experience to his presentations. In addition to his fourteen years as a NYC Paramedic, Mr. Werfel has served as: The 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, NY. He is presently the Director of the Paramedic Program and a Clinical Instructor in Health Sciences at the State University of New York at Stony Brook, where he received the 1998 Faculty Achievement Award. Mr. Werfel is also: a member of the review boards for Prehospital and Disaster Medicine and Prehospital Immediate Care Magazines. He is an expert writer for the National Standard EMT-Intermediate/Paramedic Curriculum revision project, and a board of Directors Member of the National EMS Educator's Association. Mr. Werfel is a contributing editor for JEMS and is currently authoring the "Case of the Month" column.