

Lawrence A Nelson
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Education

American Military University, Charlestown, West Virginia MA - Homeland Security (In Progress)
Jacksonville State University, Jacksonville, Alabama MS - Emergency Management – 2008
Texas A&M University, College Station, Texas Certificate – EMS Executive Development - 2007
Grand Canyon University, Phoenix, Arizona BS - Public Safety Administration – 2004
Amarillo College, Amarillo, Texas - AAS - Paramedicine Technology – 1985
Northwest Texas Hosp. School of Nursing, Amarillo, Texas - Registered Nursing Diploma – 1983
University of Texas Health Science Center, Houston – Paramedic Certificate – 1979
Clear Lake High School, Houston Texas – Diploma - 1975

Detailed Work Experience

Instructor, Program Director of EMS and Emergency Management (7/2010 – Current)
Eastern New Mexico University – Portales
Name of Supervisor: Suzanne Swift, Ed. D. – Chair, Health and Human Services (575) 562-2724

Develop and conduct on-line classes in Emergency Medical Services (EMS) Management, Fire and Emergency Services Administration (FESA) and Emergency Management. Developed, initiated and conducted a program leading to a BAAS with concentrations in EMS Management, FESA or Emergency Management and a minor or certificate in Emergency Management. Review and revise curriculum, recruit and advise students. Member of campus preparedness committee, planning exercises. Conduct campus-wide exercises to improve Emergency Preparedness. Member of Faculty Evaluation and Staff Search Committees.

Courses taught:

EMS Management Curriculum – Introduction to EMS Management, EMS Operations and Communications, (Also in the FESA Curriculum); EMS Management and Leadership; Emergency Management and Homeland Security, EMS Fiscal Management, EMS Quality Improvement and Staff Development, EMS Planning, EMS Research and Improvement, EMS System Design Project. Public Health Emergencies (shared with Emergency Management curriculum).

Emergency Management Curriculum – Foundations of Emergency Management (shared with FESA curriculum); Disaster Response; Disaster Recovery; Emergency Preparedness; Hazard Mitigation; Capstone in Emergency Management; Introduction to Homeland Security; Emergency Services Administration (Shared with FESA Curriculum).

FESA Curriculum – Fire Prevention Organization and Management; Community Risk Reduction (shared with Emergency Management curriculum); Personnel Management for the Fire and Emergency Services; Applications of Research; Legal, Social and Political Issues (shared with Emergency Management Curriculum);

Adjunct Instructor (3/2010 – Current)
New Mexico Dept. of Homeland Security and Emergency Management
Name of Supervisor: Joyce Purley - State Training Officer (505) 476-9689

Facilitate and instruct Emergency Management courses at stakeholder (career and volunteer) locations
Emergency Preparedness Specialist (9/2008 – 7/2010)

New Mexico Dept. of Health, Public Health Region 1,3
Name of Supervisor: Margy Wienbar - Region Manager (505) 841-4110

Engage in public health, pandemic, bio-terrorism and all-hazard mitigation, preparedness, response and recovery activities. Area of responsibility includes urban and frontier environments and over half of the state's diverse population. Member of MMRS-CRI task force and Agency Representative in Unified Area Command. Develop and revise comprehensive, NIMS compliant plans. Develop Point of Distribution plans for use in conjunction with the Strategic National Stockpile program. Planner, player and evaluator of HSEEP compliant exercises. Conduct training in ICS, general preparedness and pandemic influenza for internal and external customers. Provide technical advice and assistance to local, county and tribal governments. Liaison to Medical Reserve Corps, CERT, Citizen Corps Council and NM Volunteer Organizations Active in Disasters. Conduct personal protection equipment training and testing.

Adjunct Instructor, WMD Operations for First Responders (7/2007 – 7/2008)
SAIC-EAI 61 Responder Way Anniston, Alabama 36205 (256) 847-2017
Name of Supervisor: Ed Sample - Course Manager

Instructor at the Department of Homeland Security's Center for Domestic Preparedness, conducting classes in EMS Response IC/UC, Scene survey, use of detection devices (APD 2000, M8, M256, ICAM) PPE (Level B and C) donning/doffing, functions in the hot/warm/cold zones, safety and treatment of the patient in the CBRNE environment and other topics to train the student to the WMD Operator / Defense level of function.

Emergency Medical Services (EMS) Lead Instructor (10/2007 - 8/2008)
AMR-NCTI Roseville, California
Name of Supervisor: Mike Bobbitt – Texas State Coordinator (214) 907-4772

Managed Houston operations; set schedules for long term (EMT Basic, Paramedic and Critical Care Paramedic) and short- term (ACLS, PALS, PEPP, PHTLS) classes. Prepared documents for class approval by state EMS office. Prepared class schedules for didactic and clinical activities by students. Conducted individual testing, counseling and developed remediation plans as needed for adult learners. Selected texts and supplementary materials. Conduct classes as instructor. Managed hiring, evaluation, necessary remediation, termination and scheduling of adjunct faculty. Monitor profit / loss for unit. Conducted quality assurance of program. Planned, obtained bids and managed classroom remodeling project. Inventory monitoring and control, ordering supplies within budget.

Classroom Instructor (7/2006 - 6/2007)
Trimble Technical High School - Fort Worth, Texas
Name of Supervisor: Ed McGinley - Department Head (817) 307-8276

Instructed in a diverse Health Sciences Career and Technology program. Courses taught included Basic Healthcare Careers, Medical Terminology, Mental Health and Pharmacology. Shared teaching responsibilities in an EMT training program for seniors. Developed, revised and implemented curriculum, provided classroom management, presented lectures, coordinated and guided group activities, developed and implemented evaluation, testing and remediation with up to 33 students in the classroom setting and 23 students in the hospital clinical setting daily. Member of school Emergency Response Team.

Clinical Coordinator (5/2005 - 5/2006)
ACE Ambulance Houston, Texas
Name of Supervisor: Thomas Hobbs - Director of Operations (832) 494-5839

Developed, revised and implemented curriculum for Texas Department of Health approved in-house continuing education program. Developed and implemented evaluation and testing for new hires. Conducted Continuous Quality Improvement and evaluated care and procedures, correcting and implementing new procedures. Reviewed and updated, as necessary, existing SOPs/SOGs.

Developed new SOPs/SOGs as required. Monitored and assured compliance with Texas State Health Services and City of Houston requirements for EMS providers.

RN, Licensed Paramedic / Operations Manager (7/2004 - 2/2005)
Maxxim Care EMS (Defunct) Spring, Texas Name of Supervisor: Eric Pasoas - Company Owner

Patient care and transport with a private ambulance service. Promoted to Operations Manager 11/2004. Scheduling, interviewing, hire / fire, disciplinary responsibilities. Supply monitoring, ordering and tracking. Quality improvement on service and patient care reports. Defended ethical and legal standards in relation to documentation of service.

RN, Licensed Paramedic / Training Coordinator (7/2003 - 7/2004)
Best Care EMS Houston, Texas
Name of Supervisor: Michael Ross - EMS Director

Training Coordinator and Shift Captain with a 28 FTE private EMS provider, operating 5-6 ambulances with a call volume of 25-30 calls per day. Developed Community Relations and Safety Awareness initiatives. Developed, revised and implemented curriculum, provided classroom management, presented lectures, coordinated and guided group activities, developed and implemented evaluation and testing for New Employee Orientation, Conducted annual In service training in Safety, Infection Control and skills verification. Critical Care Transport team leader.

Registered Nurse (6/2002 - 7/2003)
Staff Search Healthtemp Phoenix, Arizona

Performed per diem nursing duties in a variety of Emergency Depts. while in school.

EMS Instructor (1/2000 - 5/2002)
Alvin Community College Alvin, Texas
Supervisor's name: Doug Stevenson, Dept. Chair (281) 756-3650

Conduct classroom lectures, skill sessions and clinical preceptor for community college EMS program. Coordinate short-term specialty classes in Basic Trauma Life Support, Pediatric Education for Pre-hospital Providers, Advanced Cardiac Life Support, and Pediatric Advanced Life Support

Flight Nurse II (6/1998 - 11/1999)
Golden Eagle AirMed Blanding UT 84511
Supervisor's name: Jon Hunt, Owner 1-800-742-8787

Medical team leader in medical evacuation service. Supervised either one registered nurse or one paramedic team member. Oriented new personnel to organization, developed standard operating procedures to accommodate changes in operations, operational locations, personnel standards, and aircraft types.

Registered Nurse, Critical Care (ICU & ED) (8/1991 - 5/1998)
Memorial Hermann Healthcare System, Southeast 11800 Astoria Houston Texas 77089
Supervisor's name: Stephanie Close, RN 281-929-6372

Performed critical care and charge nurse duties in a mixed 14 bed Surgical and Medical Intensive Care Unit. Supervised 5-7 licensed and 2 non-licensed personnel. Resource Nurse for orientees and students. Provided Continuing Education presentations as needed. Member of Hospital Trauma Committee, which directed and developed the hospital's certification process as a Level 3 Trauma Center.

Volunteer Experience

1975 – 1977 Clear Lake City (Texas) Fire Department
Firefighter II / EMT – Combination fire department; Duties in suppression and medical/rescue.

1979 – 2015 U.S. Air Force Auxiliary - Civil Air Patrol
Retired Lieutenant Colonel – Last duty assignment as Disaster Relief and Homeland Security Officer for New Mexico Wing, responsible for coordinating CAP participation with the NM Dept. of Homeland Security and Emergency Management and other customers.

2006- 2007 Tarrant County Radio Amateur Civil Emergency Services
Participated as fixed station radio operator at the Tarrant County EOC, storm spotter supporting the National Weather Service and as a rapid response team member that supported requests for communication assistance by other jurisdictions. Member of TC RACES Leadership Working Group, which plans activities, develops training, policies and procedures.

2008-2010 Albuquerque Citizens Corps / Community Emergency Response Team (CERT)
Member of CERT; initiated program to compile Presidential Volunteer Service Award hours to recognize volunteers and capture hours to use for 'in-kind' offsets of federal and state grant percentage.

2012- 2015 Melrose Volunteer Fire / EMS Department
First Responder duties in Fire and EMS services for a rural community.

Disaster Experience

6/01 (Houston) Tropical Storm Allison - Provided shelter management and medical support activities
9/05 (Houston) Hurricanes Katrina / Rita - Provided medical support at the Astrodome Evacuation Center
4/07 (Ft. Worth) EF 1 Tornado Outbreak – Performed storm spotter and damage assessment duties.
4-10/09 (New Mexico – State-wide) H1N1 - Pandemic Planning, Response and Mitigation
4/11(Portales) FMAG (Tire Fire) – Resource Manager
9/13 (Santa Fe) CAP Liaison at State EOC for Aerial Damage Assessment (PDD DR 4152)

Current Licenses and Certifications

Amateur Radio – Technician - Issued by: Federal Communications Commission Number: KC5KZV
Expires: 11/2025

New Mexico Certified Emergency Manager - Issued by: NM Emergency Management Association
Expires: 9/2015

Additional Training and Education

FEMA (National Fire Academy or Emergency Management Institute)

Professional Development Series Certificate
NIMS Compliance Courses (IS- 100, 200, 300, 400, 700, 800.A)
EMI – 200 Hours of coursework

Instructorships:

Homeland Security Exercise Evaluation Program
Incident Command System
Community Emergency Response Team (Initial and Program Manager)
WMD / Hazardous Materials Awareness
Emergency Operations Center Management and Operations
Multi-hazard Planning for Schools

National Domestic Preparedness Consortium - (Residence, Mobile and Indirect Delivery)

TEEX – Texas A&M Fire Training School – Firefighter II, Disaster Rescue Training, Industrial Rescue
TEEX - WMD Terrorism Awareness for Emergency Responders (8 hrs – Indirect Delivery)
TEEX - EMS Concepts for WMD Incidents (8 hrs – Indirect Delivery)
TEEX - EMS WMD Operations and Planning Course (24 hrs – Mobile Training)
CDP – WMD Operations / Hands On Training (Live Agent) (24/8 hrs - Residence) [Instructor]
NTS – WMD Radiation / Nuclear Awareness (16 hours - Mobile Training)
NMRTC – Incident Response to Terrorist Bombing (4 hours – Indirect Delivery)
NMRTC – Prevention of and Response to Suicide Bombing Incidents (3 hours - Indirect Delivery)
NMRTC – Understanding / Planning for School Bomb Incidents (4 hours – Indirect Delivery)
TEEX – Threat and Risk Assessment (16 hours – Mobile Training)
NCBRT - Readiness: Training Identification and Preparedness Planning (12 hours – Mobile Training)

Educational Professional Development

How the Brain Learns: Implications for Teaching and Learning (Mediasite Webinar, 10/8/2013)
Six Practical Strategies to Improve Your Online Course (Mediasite Webinar, 2/18/2014)
Leverage Social Media to Fuel Student Engagement and Learning (Mediasite Webinar, 4/8/2014)
First Responder Resiliency- Train the Trainer (Live Presentation, Univ. of Arizona, 4/13-14/2014)
The Flipped Approach to Online Teaching and Learning (Mediasite Webinar, 4/22/2014)
Integrating Emergency Management Education into your Institution (National Fire Academy, Emmitsburg MD, Feb. 2015)

Research Activity

Elliot, R.W., Nelson, L., Callahan, P., Marks, M., Nazario, A. (In Progress) *Resilience and Coping*

The purpose of this study is to qualitatively measure increases in resiliency and perceived improvements in stress reduction, quality of life, and likelihood for academic success. More specifically, it will examine the effects that resiliency training has on students' (particularly first responders and veterans returning to school to complete degrees) ability to cope with issues that are critical to their success, not only in the academic environment, but in their daily lives, as well. Study begins in August 2014 and is anticipated to be completed in 2016.

Published Papers

Nelson, L. (2004) "Searches for Missing Persons with Alzheimer's Disease In Arizona: An Assessment of Capabilities and Assets". Phoenix: Grand Canyon University

Nelson, L (2014) "Ambulance Operations in Support of Disaster Operations" – Chapter in "EMS Management" (Lockwood, S., Ed.). Boston: Pearson-Brady

Conference Presentations

Texas CAP Annual Conference, Austin, Houston
"Blood borne Pathogens" (1992) "Incident Command" (1995)

Texas Department of Health EMS Conference, Austin
"Wandering Alzheimer's Patients" (2001) "Blast Injuries" (2003)

New Mexico School Nurses Association, Albuquerque
"Role of School Nurses in a Public Health Emergency" (2010)

American Society of Safety Engineers, New Mexico Chapter, Albuquerque
"Creating a Business Emergency Response Team" (2010)

New Mexico Emergency Management Association Annual Conference, Santa Fe
“Civil Air Patrol Support to Emergency Management” (2010)

New Mexico Search and Rescue Council, Annual Training Conference, Ruidoso
“Wandering Alzheimer’s Patients – An Update” (2011)

Portales Kiwanis Club
“Challenges to Rural Emergency Services” (2012)

San Juan Regional Trauma and Critical Care Conference, Farmington
“Blast Pathophysiology” (2014)

Academic Honors & Awards

Dean's List – Grand Canyon University - 2004

Phi Kappa Phi (National Honor Society), Jacksonville State University - 2008

Professional and Service Memberships

New Mexico Emergency Management Association, (2008 – Current);
 Credentials Committee (2011- 2014)
 Board of Directors – Area 1 Representative (2013-2014)

Portales / Roosevelt County LEPC, (2010 - 2013); Vice-chair (2011-2013)

Clovis / Curry County Local Emergency Preparedness Committee (LEPC) (2013-Current)