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**Kelly Burkholder-Allen RN, MEd.**

**Education**

- 1989 M.S.Ed., Public Health, University of Toledo, Toledo, OH
- 1984 B.S.N., University of Toledo/Medical College of Ohio, Toledo, OH

**Professional Experience**

- 2004-present Adjunct Assistant Professor, Department of Public Health and Homeland Security, School of Medicine, University of Toledo.
- 2003-present Partner and Treasurer of ERRATA LLC. Emergency Recognition and Response to Terrorism Training Associates, a company dedicated to educating, training, and consulting for health care and first responder personnel in preparation for disasters and acts of terrorism.
- 2001-2004 Deputy Director, Health and Medical Community  
The University of Findlay, Center for Terrorism Preparedness  
National Center of Excellence for Environmental Management
- 2001 Program Manager: Health and Medical Community  
University of Findlay, Center for Terrorism Preparedness  
National Center of Excellence for Environmental Management
- 1999- 2002 Nurse Consultant, Burkholder-Delo-Baumgartner: Medical Document Review, LLC, Holland, OH
- 1989-1998 Assistant Nurse Manager: Emergency Department, St. Vincent Mercy Medical Center, Toledo, OH
- 1985-1989 Staff Nurse: Emergency Department, Medical College of Ohio Hospital, Toledo, OH
- 1985 Staff Nurse: Emergency Department, Greater Laurel -Beltsville Hospital, Laurel, MD
- 1984-1985 Staff Nurse: Emergency Department, Charity Hospital of New Orleans, New Orleans, LA

**Publications**

Budd C, Burkholder-Allen K, Rega P, Vasquez K. AHEC in the Age of Terrorism. The National AHEC Organization Bulletin. Autumn, 2003.

Burkholder-Allen, K., Rega, P. "What We Learned from Silent Vector." February 7, 2003.  
<http://seem.findlay.edu/PublicInfo Pages/default.asp>

Rega, P., Burkholder-Allen, K. "Elderly/Disabled: Concerns in Disaster Response." January 30, 2003. <http://seem.findlay.edu/PublicInfoPages/default.asp>

Rega, P., Burkholder-Allen, K. "Smallpox." January 21, 2003. <http://seem.findlay.edu/PublicInfoPages/default.asp>

Burkholder-Allen, K., Rega, P. "Healthcare Preparedness." August 26, 2002. <http://seem.findlay.edu/PublicInfoPages/default.asp>

Rega, P., Burkholder-Allen, K. "Model State Emergency Health Powers Act." August 11, 2003. <http://seem.findlay.edu/PublicInfoPages/default.asp>

Rega, P., Burkholder-Allen, K. "Collinwood, Ohio—Disaster of 1908." June 27, 2002. <http://seem.findlay.edu/PublicInfoPages/default.asp>

Burkholder-Allen, K., Rega, P. "Children and Weapons of Mass Effect: A Disproportionate Danger." May 7, 2002. <http://seem.findlay.edu/PublicInfoPages/default.asp>

Rega, P., Burkholder-Allen, K. "A Timeline of the 1947 Smallpox Outbreak in New York City." May 7, 2002. <http://seem.findlay.edu/PublicInfoPages/default.asp>

Rega, P., Burkholder-Allen, K. "Disaster, Dehydration in Infants and Toddlers." February 22, 2003. <http://seem.findlay.edu/PublicInfoPages/default.asp>

Rega, P., Burkholder-Allen, K. "Evaluating Respiratory Distress and Failure in a Terrorist Victim, a Primer for the Nontraditional First Responder/Caregiver." January 8, 2002. <http://seem.findlay.edu/PublicInfoPages/default.asp>

Rega, P., Burkholder-Allen, K. "Anthrax Bioterrorist Attack." November 26, 2001. <http://seem.findlay.edu/PublicInfoPages/default.asp>

Burkholder-Allen, K.: Media Relations and the Role of the Public Information Officer. NDMS Training and Education Online Program, November, 2000.

Colombo, J.B., Peterson, W., Thackeray, J., and et al: Disaster Medicine Education in Medical School Curricula. *Ann Emerg Med*; 35(5) s.45 (abstract). Poster presentation at the 8<sup>th</sup> International Conference on Emergency Medicine, Boston, MA (2000).

Rega, P. and Burkholder-Allen, K.: Collinwood: An Anatomy of a Disaster. *Prehospital and Disaster Medicine*. 1999; 14(4): 61-65.

Rega, P., Budd, C., Burkholder-Allen, K. "OUTREACH: Another DMAT's Perspective." (Letter to the Editor); accepted for publication. *Prehospital and Disaster Medicine*. 1998

Burkholder-Allen, K., Rega, P., and Budd, C.: Analysis of Patient Satisfaction with One DMAT's Performance During Hurricane Andrew Relief Efforts. *PDM* 1995; 10(1) s.91 (abstract). Presented at the Second Annual Symposium: Disaster Medical Issues, Albuquerque, NM.

### **Positions and Committee Activities**

2003-present      Treasurer, ERRATA-LLC (a company devoted to all-hazards education and consulting)

2002-present	Member of Medical Subcommittee: InterAgency Board for Equipment Standardization and InterOperability
2002-2003	Member: NDMS Functional Working Group for Training and Education
1999-2002	Chair: NDMS Functional Working Group for Training and Education, developing a web based training program for NDMS DMATs
2002-2003	Board for National Association of Disaster Medical System Response Teams
2001-2002	Chair: National Disaster Medical System Response Teams
1999-2001	Chair Elect: National Association of Disaster Medical Response Teams
1999-present	Commander; USPHS Commissioned Corps (Inactive Reservist)
1998-2004	Deputy Commander, OH-1 Disaster Medical Assistance Team
1998-2001	Senior Officials' Workshop for Domestic Preparedness, Lucas County/MMRS
1996-2001	Member of Lucas County Disaster Planning Committee
1994-1995	University of Toledo, Department of Geography and Planning: Thesis Review Panel: Patty Worso
1991-1998	Training Officer and Supervisory Nurse Specialist, OH-1 Disaster Medical Assistance Team
1990-1994	Nursing Practice Review Committee, St. Vincent Mercy Medical Center, Toledo, OH
1989-1998	Dr. STAT Committee, St. Vincent Mercy Medical Center, Toledo, OH
1989-1998	Disaster Committee, St. Vincent Mercy Medical Center, Toledo, OH

### **Honors and Awards**

2000, 2001, 2002, 2003	NDMS Outstanding Achievement Award", NDMS Annual conference
1999	"Citizen of the Month, August, 2000", Proclamation from the Mayor of the City of Toledo
1998	"Nursing Excellence Award: Outstanding Achievement in Community and Volunteer Services", St. Vincent Mercy Medical Center, Toledo, OH

## Lectures, Presentations, and Special Projects

Bioterrorism Functional Exercise Design and Project Team, Medical University of Ohio. Assisted with the development of several bioterrorism and pandemic influenza functional exercise templates that were used by the Ohio RMRS's for 2005, 2006, and 2007 functional exercise requirements. Design, customization, and delivery of templates met ODP Homeland Security Exercise and Evaluation Program Guidelines, State of Ohio Terrorism Exercise and Evaluation Guidelines, and NIMS compliance requisites. Assisted with Facilitation of bioterrorism functional exercise at one of three Northwestern, Ohio County EOC's during 2006. During 2006 exercise, facilitated pandemic functional exercise at one of six Northwestern Ohio Health Department EOC's . Participated in the data gathering for the After Action Report for all exercises.

World Association of Disaster and Emergency Medicine Conference. "Botulism Toolkit" Amsterdam, May, 2007. Collaborators: Paul Rega, MD, FACEP and Churton Budd NREMT-P, RN.

World Association of Disaster and Emergency Medicine Conference, "BIOTERRORISM Preparedness & Response Wall Chart". Edinburgh, Scotland, May, 2005. Collaborator: Paul Rega, MD, FACEP.

Northwestern Ohio RMRS Sponsored, "All-Hazards Catastrophes: Overview and Response for Nurse Educators" ACORNE, 9/24/04 and 9/25/04. Sixteen hour course devoted to exposing Nursing Educators to WMD curriculum. Co-Collaborators: Paul Rega and Churton Budd.

Northwestern Ohio RMRS Sponsored, "Hospital Emergency Response to Terrorism Course" HEerT, 10/12/04, 11/08/04, 11/29/04, 1/14/04, 2/15/04. A four hour course tailored for Emergency Department staff, covering management of casualties resulting from explosions—including Crush Syndrome and blast injuries, chemical, radiological, and biological agent exposures.

Ohio Hospital Association Sponsored, "Hospital All-hazards Recognition and Response to Terrorism Course (HARRT), 11/18, 12/2, 12/9, 2003; 1/27/04, 10/26/04 Course is an 8 hour seminar for Hospital providers at all levels, linking disaster management principles with anti-terrorism preparedness and response. Co-collaborator with P. Rega and C. Budd.

Instructor: Health Care Leadership Course, DHS Noble Training Center Anniston, Alabama. December 10-12, 2003.

Northwest Ohio Post-Operative Nurse Association: "BATELS." Dublin, OH. October 11, 2003.

AHEC sites: "BATELS and BATELS Train the Trainer." (2003) February-May. Basic Anti-Terrorism Emergency Life-Saving Skills Course is an 8 hour seminar for first responders and health care providers of all levels that applies emergency and disaster principles and an "all hazards" approach to response to acts of terrorism. Co-collaborators: P. Rega and C. Budd.

American College of Health Executives:" Disaster and Terrorism Planning, What to do until the Cavalry Arrives." (2002) Washington, D.C.

National Disaster Medical System Annual Conference: "Online Training for NDMS Response Elements." (2002) Atlanta, GA

University of Findlay, Physicians' Assistant Program: "BATELS (Basic Anti-Terrorism Emergency Life-Saving Skills)." (2001) Findlay, OH

South/Central Taiwan DMAT Training and Development Program: "Disease Surveillance Post Disaster", "Public Health Issues in Disasters, Establishing Base of Operations", "DMAT Development, Media Relations and the Role of the Public Information Officer", "Personal Packing and Preparedness." Cheng Kung University Hospital and Medical School, (2000) Tainan, Taiwan.

Thirty-third Annual Society of Teachers of Family Medicine Conference; "Disaster Medicine at the Crossroads: Easing the Transition and Bridging the Gap." (poster), (2000) Orlando, FL.

Associated Public-Safety Communications Officers, Inc., Regional Conference: "When the Responders are the Victims." (2000), Columbus, OH.

Ohio Association of Emergency Medical Service Conference: "Controversies and Treatment of Shock." (1999) Toledo, OH.

Medical College of Ohio, School of Medicine Elective: "Disaster Management for the Health Care Provider." (1998), Toledo, OH

University of Toledo Technical College; "Multiple Casualty Incidents: Disaster Management for the Health Care Provider." (1998, 1996, 1994).

National Disaster Medical System Annual Conference: "Hypovolemia and Controversial Treatment Of Shock." (1997), Tampa, FL.

Third Annual European Congress on CPR and Prehospital Care: "Education in Disaster Management: An Interdisciplinary Approach." (1997), Ghent, Belgium.

Ohio Association of Emergency Medical Services Annual Conference: "The Anatomy of Disasters." (1995) Toledo, OH.

NDMS Annual Conference: "DMAT Operational Development." (1995), Nashville, TN

University of Toledo, Department of Geography and Planning: "The Navigational Challenges of The Hurricane Andrew Deployment." (1994) Toledo, OH.

Ohio AAMS/NFNA Conference: "Hurricane Andrew: in the Eye of it All." (1993) Toledo, OH.

St. Vincent Mercy Medical Center, Nursing Grand Rounds; "Hurricane Andrew: The Eye of It All." (1992) Toledo, OH.

Annual NDMS Conference: "DMAT Training." (1991) Tampa, FL.

## **U.S.P.H.S./NDMS Activities/Deployments**

Hurricanes Katrina and Rita (2005), New Orleans, LA (Strike Team Leader)  
Hurricane Frances (2004), Orlando, Florida (Supervisory Nurse Specialist)  
Typhoon Pongsona (2002), Agat, Guam (Commanded OH-1 DMAT )  
Hurricane Floyd (1999), Ft. Jackson, SC (Commanded OH-1 DMAT)  
50<sup>th</sup> Anniversary NATO Summit (1999), Washington, DC  
Summer Olympic Games (1996), Atlanta, GA  
Hurricane Marilyn (1995), St. Thomas, USVI  
Joint Exercise: NDMS DMATs and MAP International (1995), Brunswick, GA  
Dover Airshow '94, Dover AFB, Dover, DE  
Hurricane Andrew AAR conference (1992), Linthicum, MD  
NDMS Steel Cure II Drill (1992), Cape Girardeau, MO  
Hurricane Andrew (1992), Dade Cty. FL

## **Special Training**

ODP: Hospital Emergency Management of WMD Terrorist Events; (2003), Toledo, OH  
Domestic Preparedness, WMD Course: Responder Operations (1999), Toledo, OH  
Domestic Preparedness, WMD Course: EMS Technician (1999), Toledo, OH  
Domestic Preparedness, WMD Course: Incident Command (1999), Toledo, OH  
COBRA/WMD Training Program : Responder Level (1999), Anniston, AL  
Emergency Response to Terrorist Incident (1999)  
FEMA/National Emergency Training Center Courses  
IS-3 Radiological Emergency Management (1994)  
IS-5 Hazardous Materials—A Citizen's Orientation (1994)  
IS-7 A Citizen's Guide to Disaster Assistance (1994)  
HS-2 Emergency Preparedness, USA (1993)  
HS-1 Emergency Program Manager (1993)  
American Red Cross; Introduction to Disaster Services (1993)

## **Grants**

Oklahoma City National Memorial Institute for the Prevention of Terrorism (2002) Co-investigator for the development, distribution, and assessment of a biological terrorism and recognition wall chart disseminated to all Emergency Departments in the United States. \$69,750.00

National Area Health Education Center (2002)  
Developed and instituted an educational seminar including a train-the-trainer program entitled *BATELS* (Basic Anti-Terrorism Emergency Life-Saving Skills course) to the underserved health care providers. Co-creators: P. Rega, and C. Budd. \$35,560.00