

April 30, 2008

Michael J. Ward
Assistant Professor of Emergency Medicine
Associate Director for Emergency Health Services
School of Medicine and Health Sciences
The George Washington University

Office: 2131 K Street NW, Ste 510
Washington, DC 20052
(202) 973-1525 fax (202) 973-1519
mikeward@gwu.edu <http://home.gwu.edu/~mikeward/>

Home: P. O. Box 3346
Merrifield, VA 22116

Education: A. S. Northern Virginia Community College, September 1977
B. S. University of Maryland University College, August 1984
Fire Science Management
M. G. A. University of Maryland University College, May 1995
Masters of General Administration: State and Local Government
Graduate certificate in Leadership Development, June 2007
Master Teacher Program in Medical Education
Graduate School of Education and Human Development
The George Washington University

Professional: Academic Appointments

Assistant Professor of Emergency Medicine

The George Washington University, September 2005 to present

Develop EHS 170 "EMS Systems Design" course. Teach every semester.
Teach EHS 173 "Special Operations" Spring 2006 - 2008
Teach EHS 172 "Leadership in EMS Organizations" Fall 2005 - 2007
Direct EHS 199 "Independent Study" every semester.
Teach EHS 171 "EMS Operations & Management" Spring 2006
16 classes representing 56 semester hours
Teach segments of EHS 002 (CPR/1st aid), 040 (EMT-Basic) and 166 (Issues).
Teach "Trauma" section of Paramedic Refresher and part of "DC EMT-I Boot camp"

Adjunct Assistant Professor of Emergency Medicine

The George Washington University, Fall 2001 to September 2005

Develop and deliver EHS 171 "EMS Operations & Management" Spring 2005
Teach EHS 172 "Leadership in EMS Organizations" Fall 2001 - 2004
Teach EHS 173 "EMS Special Operations" Spring 2002 - 2005; Fall 2004.
Direct EHS 199 "Independent Study" Summer 2005. *11 classes representing 42 semester hours*
Teach "Operations" component of National Paramedic Curricula

Assistant Professor, Fire Science and Emergency Medical Services

Northern Virginia Community College, Fall 2001 to Spring 2005

Teach leadership, administration and supervision classes in both fire and ems programs.
Teach technical fire science classes: hydraulics, hazardous materials, risk management,
suppression tactics and special operations. *49 classes representing 160 semester hours*

Assistant Professor of Emergency Medicine

The George Washington University, July 2000 to June 2001

Develop and deliver EHS 172, 173 and EMS Management capstone classes.
Lecture on a variety of topics in the paramedic national curricula
Assist with the delivery of credit and non-credit EMT, 1st responder and CPR classes.

**Adjunct Lecturer for Fire Science and Emergency Medical Services
Northern Virginia Community College, August 1984 through May 2000**

Teach throughout both curricula, *40 classes representing 118 semester hours.*

Administrative Responsibilities and Appointments

The George Washington University, School of Medicine and Health Sciences:

Associate Director, Emergency Health Services, July 2007 to present
Undergraduate Coordinator, September 2005 to June 2007
Program Head: EMS Management degree program, February 2005 to August 2005
EMS Management Distance Education Coordinator, July 2000 to June 2001
Basic Life Support Coordinator, July 2000 to June 2001

Northern Virginia Community College, Annandale Campus:

Fire Science Program Head, August 2001 to May 2005
Interim Emergency Medical Services Program Head, January to May 2002
Interim Fire Science Program Head, Fall 1984 and January 1988 to August 1989

Fairfax County Fire and Rescue Department (selected appointments, employed 1975 - 2000)

Acting EMS Division Administrator, December 1998 to July 2000
EMS Division Assistant Administrator, December 1996 to December 1998
Paramedic Field Supervisor, October 1995 to December 1996
Evening and Weekend Coordinator, Fire and Rescue Academy, May 1989 to March 1990
EMT Programs Manager, Fire and Rescue Academy, April 1980 to March 1982

Scientific and Professional Societies

Institution of Fire Engineers, Member Rank

USA Branch Elections Chair 2002

International Association of Fire Chiefs, EMS Section Member

Chairman, Information Management Task Force, 1995 – 1997
Program Planning Committee 1994 – 1999 and 2001
ICHIEFS On-Line Communications Manager 1986 – 1993

Academy of Management

National Association of EMS Educators

Society for Academic Emergency Medicine, associate member

National Association of EMS Physicians, professional member

Community Activities

U.S. Fire Administration

National Fire Academy

Chair: National EMS Management Curriculum committee, December 2006 - present

Northern Virginia EMS Council, Board of Directors

GWU EHS representative, June 2006 - present
Vice President, November 1998 – November 2000
Fairfax County agency representative, January 1997 – November 2000
Fairfax County EMS training representative, June 1980 – June 1982

Selected Presentations at National, Regional and State Meetings
(58 presentations since 1985)

- "The Challenge of Empowerment" **The College Network** December 14, 2007 at Indianapolis.
- "Paramedic Recruitment & Retention for Fire Based EMS" (with Colin Flanagan) **Virginia EMS Symposium** Nov. 10, 2006 in Norfolk and **National Summit on Recruitment and Retention of Paramedics** in Arlington (VA) August 10, 2007
- "Four Faces of EMS Supervision" **Fire Department Instructor's Conference (FDIC)** April 28, 2006 in Indianapolis.

Meetings, Visiting Professorships, etc.

April 30, 2008. **American Council on Education/CREDIT Recommendation Service**. As a subject matter expert, reviewed certification courses offered by the **International Association of Fire Fighters (IAFF)**. Courses in hazardous materials and weapons of mass destruction. The course evaluation process includes a site review and a review of IAFF curriculums and programs by a team of national-level experts coordinated by ACE/CREDIT.

March 3 and 4, 2007. **Second Line of Duty Death (LODD) Prevention National Summit**. Return invitation to participate in the **National Fallen Firefighter's Foundation** effort to reduce LODD's by 50% in a decade. This summit will develop additional implementation plans that are based on the efforts initiated after the 2004 summit.

December 16, 2005. **Fire Science Technology curricula task force: Virginia Community College Systems and Department of Fire Programs**. Peer group representative for the Fire Science associate degree programs run by VCCS. The group established a plan that will align all programs into a single statewide model. New model complies with the 2006 National Fire Academy model curricula. Peer group also met with Department of Fire Program officials to coordinate college classes with NFPA certification programs. Goal is to offer both college credit and National Fire Protection Association (NFPA) certification for the Fire Officer, Instructor, Inspector and Investigator classes. Completion of process started May 2003, curricula implemented in Fall 2006 semester.

October 31 to November 01, 2006; December 14 to 16, 2006; November 29 to December 01, 2007. **National EMS Management Curriculum committee**. New committee created under the Fire and Emergency Services Higher Education (FESHE) initiative by the **United States Fire Administration/National Fire Academy**. Goal is to develop a model for EMS Management curricula. FESHE has delivered a model curriculum for fire-related associate and bachelor degree programs.

May 04, 2006. **American Council on Education/CREDIT Recommendation Service**. As a subject matter expert, reviewed xx certification courses offered by the **Fire Department of New York (FDNY)**. Three new courses were included: Fire Officer IV, Fire Inspector III, and the Rescue Technician series. The course evaluation process includes a site review and a review of FDNY curriculums and programs by two teams of national-level experts coordinated by ACE/CREDIT.

December 16, 2005. **Fire Science Technology curricula task force: Virginia Community College Systems and Department of Fire Programs**. Peer group representative for the Fire Science associate degree programs run by VCCS. The group established a plan that will align all programs into a single statewide model. New model complies with the 2006 National Fire Academy model curricula. Peer group also met with Department of Fire Program officials to coordinate college classes with NFPA certification programs. Goal is to offer both college credit and National Fire Protection Association (NFPA) certification for the Fire Officer, Instructor, Inspector and Investigator classes. Completion of process started May 2003, curricula implemented in Fall 2006 semester.

March 10 and 11, 2004. **Firefighter Life Safety Summit: National Fallen Firefighter Foundation.** One of 200 participants invited to Tampa, representing GWU EHS. Purpose of the summit was to focus on how to prevent firefighter line-of-duty deaths (LODD). Participated in the process to identify and develop 16 initiatives that will lead to a 25% reduction in five years and a 50% reduction within ten years. Summit results published by the United States Fire Administration.

September 16 and 17, 2003. **American Council on Education/CREDIT Recommendation Service.** As a subject matter expert, reviewed 35 certification courses offered by the **Maryland Fire and Rescue Institute.** Three new courses were included: Fire Officer IV, Fire Inspector III, and the Rescue Technician series. The course evaluation process includes a site review and a review of MFRI curriculums and programs by two teams of national-level experts coordinated by ACE/CREDIT.

July 22 and 23, 2003. **Dartmouth Medical School, Interactive Media Lab, "Virtual Terrorism Response Academy."** As a distance education and emergency service subject matter expert, conducted a mid-way project review of the **Virtual Terrorism Response Academy.** Review needed to assure continued federal funding and comply with medical school administrative regulations. On site visit included an intense two-day review of the work accomplished and the work in-progress.

Selected publications in non-refereed journals:
(83 articles published since 1985)

"Brother vs. Brother" **Fire Chief Magazine** Primedia. January, 2003.

"Company Officer Development" 43 articles written for **Fire – Rescue Magazine** and **Fire Insider** newsletter. JEMS Communications. November, 2000 to March 2003.

"Attack on the Pentagon: The initial fire & EMS response." **Fire – Rescue Magazine** and the **Journal of Emergency Medical Services**, JEMS Communications. April 2002.

"Manager-Medics: Myths and Merits." **Fire Chief Magazine.** October, 2000.

Books and Chapters:

Michael Ward (2006) **Fire Officer: Principles and Practice.** Sudbury, MA. Jones and Bartlett Publishers and the National Fire Protection Association. ISBN 0-7637-2247-2.

Primary author. Textbook covers the requirements of the 2003 national professional consensus standard for Fire Officer I and II. Released April 2005. Book published under the imprints of the National Fire Protection Association and the International Association of Fire Chiefs. Second edition in production for 2009 release.

Extrication Second edition (2000)

Company Officer Third edition (1998)

International Fire Service Training Association, Fire Protection Publications, Tulsa, OK

Validation Committee Delegate. Review and provide input to Fire Protection Publications/Oklahoma State University staff on fire service technical books-in-progress as a subject matter expert and evaluator. Attend annual July **IFSTA Validation Conference** and interim work sessions. Appointment is by OSU invitation only, delegate from August 1996 through December 1999.