

GREGORY PHILLIP RAINES, PA-C

Home Address:



Mailing Address:

PO Box 636
Linwood, MA 01525

ACADEMIC BACKGROUND

- 12/2008** **M.M.Sc., Physician Associate Program**
Yale University, New Haven, CT
- 06/2003** **M.S., Biomedical Sciences**
University of Massachusetts Medical School, Worcester, MA
- 05/2000** **B.S., Biological Sciences**
University of Massachusetts, Lowell, MA
- 12/1993** **Certificate in Pre-hospital Medicine/Paramedic Studies**
Center for Emergency Medicine, Pittsburgh, PA

CLINICAL EMPLOYMENT HISTORY

- 6//10 to Present** **Physician Assistant – Emergency Medicine**
UMass Memorial Healthcare, Worcester, MA
Highly autonomous provider seeing adult patients in all emergency care settings on the University Campus emergency room and patients across the entire age spectrum in all care settings on the Memorial Campus and Marlborough campus.
- 07/2011 to Present** **Physician Assistant – Emergency Medicine (Per Diem)**
Harrington Memorial Hospital, Southbridge, MA
Physician Assistant seeing adult and pediatric patients across the spectrum of acuity in a community ER setting. Responsible for all aspects of care including common emergency medicine invasive procedures, medical and trauma resuscitations, and advanced airway management.
- 01/2009 to Present** **Physician Assistant – Emergency Medicine (Per Diem)**
Emergency Services of New England, Springfield, VT
Autonomous PA in a critical access ER with 17,000 visits/year. Responsible for the emergency care of all patients that present to the emergency room across the entire age span and across the spectrum of acuity. Scope of practice includes, but not limited to, H&P, radiological interpretation, laboratory data interpretation, advanced airway management, central venous access, conscious sedation, chest tube thoracostomy, arthrocentesis, paracentesis, closed orthopedic reductions and splinting, suturing, emergent OB/Gyn procedures, and provision of medical control for area EMS services.
- 07/2006 to 01/2009** **Field Paramedic – Per Diem**
Northeast Regional Ambulance Service Ambulance, Peabody, MA

Field paramedic for high-call volume 911 emergency medical services system servicing multiple north shore communities

**09/2006 to
01/2009**

**Field Paramedic – Per Diem
Bristol Hospital Emergency Medical Services, Bristol, CT**
Field paramedic for high-call volume 911 emergency medical services system servicing the city of Bristol, CT

**04/2005 to
07/2008**

**Field Paramedic – Per Diem
Action Ambulance Service, Wilmington, MA**
Field paramedic for ALS-intercept based, high-call volume 911 emergency medical services system covering areas north of Boston, MA

**04/2005 to
07/2006**

**Field Paramedic
North Shore Ambulance Service, Salem, MA**
Field paramedic for high-call volume 911 emergency medical services system servicing multiple north shore communities.

**02/2004 to
04/2005**

**Pathways Ambulance Service, Milford, MA
Chief Operations Officer**
Responsible for all aspects of clinical care, field operations, dispatch, and marketing of a 150+ employee, 20 vehicle ambulance company serving a population base over 300,000

**06/2003 to
02/2004**

Regional Manager, Central Massachusetts
Responsible for all day-to-day and long-term field operations for a field staff of 90 personnel

**09/2000 to
06/2003**

Field Paramedic – Per Diem
Field paramedic for suburban and rural 911 emergency medical services system servicing several towns in central Massachusetts

**07/1999 to
09/2000**

**Field Paramedic
Armstrong Ambulance Service, Arlington, MA**

**01/1996 to
07/1999**

**Field Paramedic
AMR/Medtrans Ambulance Service, Wakefield, MA**

**04/1994 to
01/1996**

**Field Paramedic
Cataldo Ambulance Service, Somerville, MA**

**09/1990 to
04/1994**

**Emergency Medical Technician
Professional Ambulance Service, Cambridge, MA**

TEACHING AND RESEARCH EMPLOYMENT HISTORY

**06/2009 to
Present**

**Consultant and Lecturer
Franklin Pierce University, Lebanon, NH**
Created and developed portions of the didactic curriculum used for submission to ARC-PA to secure provisional accreditation for new Physician Assistant program. Modules developed include Principles of Pharmacology, Clinical Pharmacology, Microbiology and Emergency Medicine. Currently teach all aspects of microbiology and antimicrobial pharmacology, introductory aspects of pharmacology, and various aspects of the emergency medicine curriculum.

- 06/2000 to 06/2003** **Graduate Assistant**
University of Massachusetts Medical School, Worcester, MA
 Performed research exploring human cell-mediated immune responses to infectious diseases and bioterrorism agents. Defined the first epitope-specific immune response to Vaccinia virus, the virus used to vaccinate against smallpox
- 09/1996 to 06/2000** **ACLS Instructor**
Boston Medical Center, Boston, MA
 Taught Biannual ACLS classes for initial and recertification ACLS courses for physicians, nurses, paramedics and other allied health professionals
- 09/1997 to 08/2000** **Clinical Instructor/Lecturer**
Northeast Region III EMS Paramedic Program, Wakefield, MA
 Lecturer for various didactic topics in paramedic program. Lectures included human anatomy and physiology, trauma, cardiology, respiratory pathophysiology, endocrinology and infectious diseases

FACULTY APPOINTMENTS

- 06/2009 to Present** **Adjunct Professor – Physician Assistant Program**
Franklin Pierce University, Lebanon, NH

PROFESSIONAL CERTIFICATIONS

NCCPA No. 1085731 – Expires 12/31/2012
 Massachusetts Physician Assistant No. PA3984 Expires 03/01/2013
 Vermont Physician Assistant No. 055-0030949 – Expires 01/31/2012
 ACS Advanced Trauma Life Support Provider 2009 to Present
 AHA Advanced Cardiac Life Support Provider 1993 to Present
 AHA Pediatric Advanced Life Support Provider 1993 to Present
 AHA Basic Cardiac Life Support Provider 1990 to Present
 Difficult Airway Course – Emergency 2009 to Present
 Massachusetts EMT No. 825017 – 1990 to 1993
 Massachusetts EMT-Paramedic No. 825017 - 1993 to Present
 Connecticut EMT-Paramedic No. 002111 – 2006 to Present

PROFESSIONAL COMMITTEES AND ORGANIZATIONS

- 04/2010 – Present** **Director at Large, Board of Directors**
 Society of Emergency Medicine Physician Assistants
- 2006 – 2007** **Yale University Student Representative**
Board of Directors, Connecticut Academy of Physician Assistants
- 2006 – 2007** **Academic Computing Committee**
 Yale University School of Medicine

AWARDS

- 05/2000** **Excellence in Biological Research**
University of Massachusetts, Lowell, MA
 Given for outstanding senior research in infectious diseases

- 05/2000** **Department of Biological Sciences Student of the Year**
University of Massachusetts, Lowell, MA
Given for work done with the student-run Biology club, volunteering for campus emergency medical services, and for advocating for the biology student body
- 05/1998** **American Chemical Society Polymer Award**
University of Massachusetts, Boston, MA
Given for outstanding performance in organic chemistry
- 12/1993** **Walter Grubbs Memorial Humanitarian Award**
Center for Emergency Medicine, Pittsburgh, PA December 1993
Inaugural Recipient of the award given for "altruism and selflessness in the field of emergency medical services"

PUBLICATIONS

Terajima M, Cruz J, **Raines G**, Kilpatrick ED, Kennedy JS, Rothman AL, Ennis FA. Quantitation of CD8+ T cell responses to newly identified HLA-A*0201-restricted T cell epitopes conserved among vaccinia and variola (smallpox) viruses. *J Exp Med.* 2003 Apr 7;197(7):927-32.

Bosch I, Xhaja K, Estevez L, **Raines G**, Melichar H, Warke RV, Fournier MV, Ennis FA, Rothman AL. Increased production of interleukin-8 in primary human monocytes and in human epithelial and endothelial cell lines after dengue virus challenge. *J Virol.* 2002 Jun;76(11):5588-97.