

Jon Whitney

turbid.com

Curriculum Vitae

Education

Bay Path College, Longmeadow MA, August 2016

Master of Medical Science, Physician Assistant Studies

Didactic and clinical training in accordance with the American Academy of Physician Assistants.

Massachusetts Bay Community College, Framingham MA, August 2014

Certification: NREMT-P (Paramedic), ACLS, PALS, AMLS

Classroom and field training in accordance with the National Registry of Emergency Medical Technicians.

Salem State University, Salem MA, May 2013

Bachelor of Science Chemistry, conc. Biochemistry; minor conc: Biology

Magna Cum Laude

Undergraduate projects and presentations included: Greener (microwave-assisted) synthesis of quaternary ammonium salts for microbial inhibition, the role of 5'UTR in regulating gene expression, the immunological components of Beçhet's Disease, microwave-assisted synthesis of coumarins, the impact of music therapy on patients with traumatic brain injury, epigenetic applications for a water-soluble fluorescein-containing small molecule, thujone in wormwood, and sarcoidosis.

EMS Academy, Quincy MA, December 2008

Certification: Emergency Medical Technician

Classroom and field training in accordance with the Massachusetts Department of Public Health Office of Emergency Medical Services (OEMS).

Boston University, Boston MA, May 2001

Certification: Web Application Developer

Multi-Tier Intranet, Extranet, and Internet applications for enterprise needs. Technologies included Java, JSP, EJB, Applets, Jbuilder, MSSQL, IIS, InterDev, ASP.

Northeastern University, Boston MA, June 1994

Bachelor of Science Music, conc. Business; minor conc. Psychology

Amherst Regional High School, Amherst MA, June 1990

High School Diploma, General Studies

Experience

Mount Auburn Hospital, Cambridge MA, August 2010 - Present

Emergency Technician (Patient Care Associate/Clinical Technician)

Patient assessment and triage; CPR; EKG; phlebotomy; splinting, casting, immobilization; orthopedic device training; patient, specimen, and medicinal transport; wound irrigation and procedural preparation; and various MD, PA, RN, and family assistance.

Armstrong Ambulance, Arlington MA, June 2009 - Present

Emergency Medical Technician

Basic life support: triage assessment; airway maintenance; bleeding control/shock prevention; splinting and spinal immobilization; packaging and safe transport; AED/CPR, epinephrine, aspirin, nebulizer administration; nitro, aspirin, inhaler, IV access assistance; CMED communication; documentation.

Salem State University, Salem MA, August 2012 – May 2013

Laboratory Assistant

Assist lab technician and faculty in preparation of lab experiments including chemicals, instruments, glassware, supplies, and apparatus.

WGBH Educational Foundation, Boston MA, May 2005 – December 2008

Interactive Developer

Technical lead and production on various WGBH, PBS, and external Web sites including HTML, CSS, SQL, PHP, JavaScript, CMS, video captioning with QuickTime and Windows Media formats, statistics collection and analysis; audio and video editing on DVD productions; and audio and video podcasting.

Brainwaves Festival, Arlington MA, November 2008, November 2006

Curator, Organizer, Promoter

A three-day music festival featuring musical performances by 22 acts (2008) and 23 acts (2006) from the USA, Canada, United Kingdom, Australia, Ireland, Netherlands, and Germany.

Brainwashed.com, Arlington MA, April 1996 – Present

Founder/Site Manager, Managing Editor, Interactive Curator, Independent Contractor

Site administration on Linux/Apache server including email, passwords and permissions, CMS development using Joomla, HTML, PHP, MySQL, CGI, JavaScript, UI, Architecture, layout, editorial content management, video production, audio Podcast production, radio stream administration, and user interaction.

Harvard University Library, Cambridge MA, January 2001 – May 2005

Coordinator of Web Services, Apr 2002 – May 2005; Independent Contractor, Jan 2001 – Apr. 2002

HTML, CGI, JavaScript, UI, Architecture, layout, editorial content management, Site administration on Linux/Apache server, internal support.

The New England Institute of Art, Brookline MA, May 2001 – December 2003

Adjunct faculty

Instructor for semester-long course, Introduction to Internet Technologies

Arnold Communications, Boston MA, May 2000 – September 2000

Interactive Technology Manager, www.vw.com, www.arn.com

Web resource management, architecture, user interface, site flow, HTML programming

Nickelodeon, Cambridge MA, September 1999 – May 2000

Programmer/Developer, www.redrocket.com

HTML programming with CGI and JavaScript in a JSP environment on Broadvision e-commerce server

EF Education, Cambridge MA, March 1999 – September 1999

Interactive Production Manager, www.ef.com

Editorial and graphic content management for 3 major international products in an ASP environment

Community Newspaper Company, Needham MA, December 1995 – March 1999

Production Designer/Content Coordinator, www.townonline.com

Managed and created editorial and graphic content for over 50 commercial and community sites

Classified Production Manager

Classifieds systems administration for over 110 newspapers

Community Involvement

New England Pediatric Care, Billerica, MA

Volunteer

April 2013 – Present

Boston Pride Hockey, Boston, MA

Volunteer

January 2013 – Present

Massachusetts General Hospital, Boston

Patient Liaison, Emergency Dept. Volunteer

June 2008 – December 2011

WZBC, 90.3FM, Boston College

Volunteer DJ, Music and PSA Producer

January 1996 – May 2007

Planned Parenthood, Brookline MA

Patient Escort Volunteer

September 1994 – January 1995

Children's Hospital, Brookline MA

Volunteer

April 1992 – September 1992

Big Brother Big Sister Association

Volunteer

October 1991 – March 1992

WMUA, 91.1 FM, UMASS, Amherst

Volunteer DJ, Music and News Producer

November 1986 – September 1990

Skills

Analytical Techniques

Atomic absorption; bomb calorimetry; column, gas, gel (TLC), and liquid (HPLC) chromatography; osmometry; potentiometry; gravimetry; acid-base, complexometric, redox, gas phase, and voltametric titrimetry; spectrophotometry; infrared, nuclear magnetic resonance, ultraviolet visible spectroscopy.

Experimental Techniques

Acid-base and redox reactions; alcohol dehydration; alkene bromination; buffer and pH production; chromatographic separation of proteins; Claisen-Schmidt Condensation; Diels-Alder preparation; fractional and simple distillation; green synthesis (microwave and ultrasonic assisted, benign alternative reagents and solvents, and solvent-free synthesis); Grignard synthesis; iodination; Pechmann condensation; protein extraction; recrystallization; rotary evaporation; Soxhlet extraction.

Equipment and Software

Adobe Photoshop; Apple Final Cut Studio; ChemBioDraw 13.0, IBM SPSS Statistics, MarvinSketch, MS Office, Spartan '10.

Research Sources

ACS Journals, Organic Syntheses, PLoS, ScienceDirect, SciFinder, SDBS.

Programming

CMS development and management, PHP, MySQL, CSS, JavaScript, XML.

URLs

<http://massgeneral.org/livingwithtsc>
<http://massgeneral.org/childhoodepilepsy>
<http://massgeneral.org/tsc>
<http://pbs.org/takeonestep>
<http://brainwavesfest.org>
<http://elizabethbenedict.com>
<http://michaelmeltsner.com>
<http://brainwashed.com/podcast>
<http://www.league.org/gettingresults/web/>
<http://preservation101.org>

Living with Tuberous Sclerosis Complex
Childhood Epilepsy
The Herscot Center for TSC
Take One Step: A PBS Health Campaign
Brainwaves Festival
Elizabeth Benedict, Author
Michael Meltsner: The Making of a Civil Rights Lawyer
Brainwashed Radio: The Podcast Edition
Getting Results: For Community College Educators
NEDCC: Preservation 101

Certifications

Certification	Agency/Sponsor	Date
Preliminary Educator License, General Science	Massachusetts Dept. of Education	Aug-13
Preliminary Educator License, Biology	Massachusetts Dept. of Education	Jun-13
Preliminary Educator License, General Curriculum - Multi Subject	Massachusetts Dept. of Education	Jun-13
EMT-B Refresher Course	Commonwealth of Massachusetts	Dec-12
All Hazard Disaster Response and Protection for Hospital Personnel	Boston EMS - DelValle Institute/ Mount Auburn Hospital	May-12
Massachusetts Medical Orders for Life-Sustaining Treatment (MOLST)	Massachusetts Department of Health/Armstrong Ambulance	Feb-12
LUCAS2 Chest Compression System	Joilife	Apr-11
Acute Myocardial Infarction	MedicEd/Armstrong Ambulance	Dec-10
Drugs of Abuse	MedicEd/Armstrong Ambulance	Dec-10
Toxicologic Emergencies	MedicEd/Armstrong Ambulance	Dec-10
Allergy and Anaphylaxis	MedicEd/Armstrong Ambulance	Dec-10
EMT-B Refresher Course	Commonwealth of Massachusetts	Dec-10
Altered Mental Status in the Geriatric Patient	MedicEd/Armstrong Ambulance	Dec-10
Biological Terrorism	MedicEd/Armstrong Ambulance	Dec-10
Child Maltreatment, Abuse and Neglect	MedicEd/Armstrong Ambulance	Dec-10
Hyperbarics	MedicEd/Armstrong Ambulance	Dec-10
The Violent Patient	MedicEd/Armstrong Ambulance	Dec-10
Basic Life Support (CPR)	American Heart Association	Sep-10
NIMS 100.HC	FEMA	Aug-10
NIMS 700.A	FEMA	Aug-10
CEVO	Natl Safety Council/Armstrong	May-10
EMT-Basic	Commonwealth of Massachusetts	Sep-08
Basic Life Support (CPR)	American Heart Association	Sep-08

Non-Certificate Courses and Training	Employer	Date
Nova Biomedical StatStrip Glucometer	Mount Auburn Hospital	Aug-12
Naloxone Hydrochloride (Narcan)	Armstrong Ambulance	Jul-11
Albuterol via nebulizer	Armstrong Ambulance	Jul-11
Pulse oximetry	Armstrong Ambulance	Jul-11
Blood glucometry	Armstrong Ambulance	Jul-11
Phlebotomy	Mount Auburn Hospital	Nov-10
Basic Splinting and Casting	Mount Auburn Hospital	Sep-10
Orthopedic Device Training	Mount Auburn Hospital	Sep-10
EKG Technician	Mount Auburn Hospital	Aug-10