

BIOGRAPHICAL

Name:	Samuel Robert Seitz	Citizenship:	United States
Business Address:	University of Pittsburgh/ Center For Emergency Medicine 230 McKee Place, Suite 500 Pittsburgh, PA 15213	Business Phone:	412.647.4671 o 412.647.4670 f 412.952.4490 c
Current Position:	Assistant Professor Faculty and Senior Year Curriculum Coordinator	University of Pittsburgh Current Appointment: August 1, 2015 - July 31, 2018	

EDUCATION AND TRAININGUNDERGRADUATE:

1997 – 1998	University of Pittsburgh, School of Health and Rehabilitation Sciences, Pittsburgh, Pennsylvania, 15260	Bachelor Degree	Emergency Medicine
1990 – 1997	University of the State of New York, Regents College, Albany, NY 12203	Associate in Applied Science	Nursing
1981 – 1983	Pennsylvania State University, School of Engineering, Uniontown, Pennsylvania, 15401	Associate in Engineering	Electrical Engineering

GRADUATE:

1999 – 2001	Pennsylvania State University, School of Education, University Park, Pennsylvania, 16802	Master Degree	Adult Education
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POST-GRADUATE:

2008 – 2016	University of Pittsburgh, School of Health and Rehabilitation Sciences, Pittsburgh, Pennsylvania, 15260	Doctoral Program	Rehabilitation Sciences
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OTHER:

1997 – 1998	Leadership Centre County, Developmental Program, State College, Pennsylvania, 16805	Certificate	Leadership
1989	US DOT Air Medical Curriculum, Robert Packer Hospital, Sayre, PA, 18840	Certificate	Air Medical Crew
1984 – 1985	Lancaster County Paramedic Training Institute, St. Joseph Hospital, Lancaster, Pennsylvania, 17604	State Certification/ National Registry	Paramedic
1977 - 1981	Mary Fuller Frazier Memorial Jr. Sr. High School, Perryopolis, PA, 15473	Graduate	Academic 1 Preparation

APPOINTMENTS and POSITIONSACADEMIC:

October 2010 – June 2014	University of Pittsburgh, Pittsburgh, Pennsylvania, 15260	Board of Trustees Institutional Advancement Committee
September 2008 – June 2014	University of Pittsburgh, Pittsburgh, Pennsylvania, 15260	University Review Board

May 2008 – June 2010	University of Pittsburgh, Pittsburgh, Pennsylvania, 15260	University Senate Council Member
May 2007 – June 2010	University of Pittsburgh, Pittsburgh, Pennsylvania, 15260	University Faculty Assembly Member
August 2006 – Present	University of Pittsburgh, School of Health and Rehabilitation Sciences, Pittsburgh, Pennsylvania, 15260	PeopleSoft Software Implement Committee
August 2006 – August 2009	University of Pittsburgh, School of Health and Rehabilitation Sciences, Pittsburgh, Pennsylvania, 15260	Nominations Committee
November 2004	University of Pittsburgh, School of Health and Rehabilitation Sciences, Pittsburgh, Pennsylvania, 15260	35 th Anniversary Committee
September 2002 – Present	University of Pittsburgh, School of Health and Rehabilitation Sciences, Pittsburgh, Pennsylvania, 15260	Academic Integrity Hearing Board
August 2000 – Present	University of Pittsburgh, School of Health and Rehabilitation Sciences, Pittsburgh, Pennsylvania, 15260	Assistant Professor

NON-ACADEMIC:

August 2011 – February 2012	UPMC St. Margaret Hospital, Paramedic Response Team	Casual Paramedic
February 2010 – April 2010	US Army Medical Research and Materiel Command (USAMRMC); Scientific Peer Advisory and Review Services division of the American Institute of Biological Sciences (AIBS)	Reviewer; Battlefield Airway Management for Wounded Warriors: Safe Airway Access in Combat, Battlefield Android Telemedicine System
January 2008 – June 2010	American Heart Association – Retention of Knowledge and Skills for Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS): A Randomized Controlled Trial of Community-Based Prehospital Providers – PRO07110156	Co-Principal Investigator and Study Coordinator - Center for Emergency Medicine of Western Pennsylvania, Inc.
November 2007 – April 2009	A comparison of cervical collar immobilization in healthy volunteers – IRB # PRO07090011	Co-Investigator and Study Coordinator - Center for Emergency Medicine of Western Pennsylvania, Inc.
December 2007 - Present	American Red Cross Scientific Advisory Council	Committee Member (ARC SAC)
October 2006 - Present	U.S. National Fire Administration, National Emergency Medical Services Management Curriculum Committee (NEMSMCC)	Committee Member (FESHE)
August 2006 – December 2007	Journal of Emergency Medical Services (JEMS)	Continuing Education Editor
June 2006 - Present	International Trauma Life Support International, Oakbrook Terrace, IL 60181 USA	Editorial Board
February 2005 – May 2006	Recruitment and Coordination of Human Subject Pool for the CDC-NIOSH National Personal Protective Technology Laboratory – IRB # 0502159	Study Coordinator - Center for Emergency Medicine of Western

		Pennsylvania, Inc.
November 2002 – December 2008	International Trauma Life Support International, Oakbrook Terrace, IL 60181 USA	Board of Directors
May 2000 – May 2005	Center For Emergency Medicine, Pittsburgh, PA 15213	Clinical Coordinator
June 1996 – June 1997	Centre County Ambulance Association, State College, PA	President
June 1996 – June 1997	Pennsylvania Emergency Health Services Council, Harrisburg, PA	Representative Council Member
June 1996 – August 2015	American College of Emergency Physicians/ International Trauma Life Support Hamot Medical Center, Erie, PA 16550	ITLS PA Chapter Coordinator
March 1997 – March 2002	Geisinger Healthcare System, Danville, PA 17822	Air Medical Crew
August 1995 – May 2010	STAT MedEvac - Center For Emergency Medicine, Pittsburgh, PA 15213	Air Medical Crew
April 1994 – June 1997	Alpha Community Ambulance Service, Inc., State College, PA 16804	Executive Director
June 1991 – April 1994	Robert Packer Hospital, Sayre, Pennsylvania, 18840	Assistant Program Manger
June 1989 – June 1991	Robert Packer Hospital, Sayre, Pennsylvania, 18840	Air Medical Crew
August 1985 – June 1989	Community Hospital of Lancaster, Lancaster, PA 17403	Paramedic
May 1985 – June 1989	Brandywine Hospital and Trauma Center, Coatesville, Pennsylvania, 19320	Air Medical Crew
1983 to 1985	York County Hospital and Home, York, Pennsylvania, 17402	Nursing Assistant
1981 to 1983	Brownsville Ambulance Service, Brownsville, Pennsylvania, 15440	Paramedic
1978 to 1983	Grindstone Volunteer Fire Department	Emergency Medical Technician/ Firefighter

GRANTS/ PRESENTATIONS/ RESEARCH

Grants:	American Heart Association, Community Healthcare Provider Retention Study; One year \$125,000; 2008
	A comparison of cervical collar immobilization in healthy volunteers, Rizo Patron Enterprises LLC; \$5,050; 2007
	Pittsburgh Emergency Medical Foundation for Research Article; \$1,500; 2005
	National Personal Protective Technology Laboratory Respiratory Study; Five year \$1.3 million; 2005
	Pittsburgh Emergency Medical Foundation for Palm Utilization in the Clinical Setting; \$5,000; 2004

Educational Presentations:

American Red Cross, Scientific Advisory Council, Washington, DC; 2016 – Epinephrine Auto-injector Administration by Laypersons

Toyama Prefecture Central Hospital, Toyama, Japan; 2015 – Use of Helicopters in Health Care

American Red Cross, Scientific Advisory Council, Washington, DC; 2015 – Epinephrine Auto-injector – Scientific Review and Advisory 2012

American Red Cross, Scientific Advisory Council, Washington, DC; 2013 – Burn Management

DEMEx2012, Delhi, India; 2012 – Triage, Patient Assessment, Table-top Exercise

Concepts in Trauma, Binghamton, NY; 2012 – Ethics², Expected and Enforceable, or Not?; ITLS Instructor/ Provider Hybrid Program

American Red Cross, Scientific Advisory Council, Washington, DC; 2012 – Stroke Assessment Tools – Scientific Review and ARC Advisory

Society of Michigan EMS Instructor Coordinators, Traverse City, MI; 2011 Transformational Education; Education, Research and Clinical Practice in Airway Management of the Trauma Patient

American Red Cross, Scientific Advisory Council, Pensacola, FL; 2010 – Hemostatic Agents – ARC Advisory

Response 2009, Illinois College of Emergency Physicians, Springfield, IL; 2009 – EMS Education, A+ or D-: Evolution of Education in EMS; Managing Agricultural Emergencies: Farm Trauma and Rescue; Education, Research & Clinical Practice in Airway Management of Trauma Patients

Concepts in Trauma, Owego, NY; 2008 – Education, Research & Practice; Benefits to Treating Trauma Patients

Bechtel Bettis Laboratory, West Mifflin, PA; 2008 – Medical and Administrative Aspects of Hyperthermia and Hypothermia

Health Symposium, Carnegie Mellon University, Pittsburgh, PA; 2007: Doctors of Carnegie Society and the Triple Helix – Medical Ethics: Decisions, Rights and Law

Mentor Fire Department, Mentor, OH; 2007 Treating Trauma Patients; Same Old, Same Old – Or Is It?

National Association of EMS Educators, Pittsburgh, PA; 2006 ITLS Update

UPMC Sports Medicine Fellowship, Pittsburgh, PA; 2007 - 2011 Spinal Motion Restriction

International Trauma Life Support, Scottsdale, AZ; 2005 Trauma Training and Simulation

International Trauma Life Support, Pune, Bangalore and Kakinada, India, 2005 Educational Methodologies in Trauma Training

International Trauma Life Support, Port of Spain, Trinidad, 2004 Educational Methodologies in Trauma Training

Tools and the Talent, Pittsburgh, PA; 1999 Current Education Level of Administrators and Managers in EMS

Research: African-American Patients Receive Fewer Cardiac Medications Than Their Caucasian Counterparts – Reed 2014; Faculty Mentor

EMS Protocol Pain Management Efficiency of Morphine vs. Fentanyl – Ellis 2013; Faculty Mentor

Retention of Knowledge and Skills for Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS): A Randomized Controlled Trial of Community-Based Prehospital Providers

Spinal Motion Restriction Comparative Analysis of Various Types of Cervical Collars

Improving Pre-Hospital Resuscitation Performance Using a Computerized Human Patient Simulator

Observational Study for Optimizing Prehospital Resuscitation

EMS Airway Training Opportunities

Agricultural Rescue Training Program

Spinal Motion Restriction Utilizing Various Cervical Immobilization Devices

Adjunct Writer; National Standard Curriculum – Paramedic; 1996 – 1998

Expert Testing Content Developer – NREMT, 2006

Expert Writer; Educational Standards Project – NAEMSE; 2006 – Present

PUBLICATIONS

Published Articles/ Abstracts:

- Payne, E., Berry, D. C., **Seitz, S. R.** (2014). Educating the Educator: Use of Advanced Bleeding Control Mechanisms in Athletic Training: A Shift in the Thought Process of Prehospital Care – Part 2 Hemostatic Agents. *Athl Train Educ J*; Manuscript submitted for acceptance
- Berry, DC, **Seitz SR**, Payne, EK. (2013). Educating the educator: Use of Advanced Bleeding Control Mechanisms in Athletic Training: A Shift in the Thought Process of Prehospital Care – Part 1 Tourniquets. *Athl Train Educ J*; In Print
- Berry, DC, **Seitz SR**. (2012). Educating the educator: Use of Pulse Oximetry in Athletic Training. *Athl Train Educ J*; 7(2):107-116
- Berry, David C., **Seitz, SR**. (2011). Educating the Educator: Teaching Airway Adjunct Techniques in Athletic Training, *Athl Train Educ J*; 6(2):107-116.
- Hostler, D., Colburn, D., **Seitz, SR**. (2009), A comparison of three cervical immobilization devices, *PEC*, 13(2):256-60.
- Johnston, B., **Seitz, S.**, Wang, H., (2006), Paramedic Student Endotracheal Intubation Training Experience, *Acad Emerg Med*. 13(10):1051-5. Epub 2006 Aug 31.
- Wang, H., **Seitz, S.**, Hostler, D., Yealy, D., (2005), Defining the “Learning Curve” for Paramedic Student Endotracheal Intubation, *PEC*, Apr-Jun;9(2):15-62.

Other Publications:

- Campbell, J., Alson, R. (2015), *ITLS Provider 8th Ed.*, Pearson Education, Inc. Upper Saddle River – Lead Editor Skills Chapters/ Author
- Campbell, J., (2011), *ITLS Provider 7th Ed.*, Pearson Education, Inc., Upper Saddle River – Contributing Author/ Editor
- ITLS eTrauma* (2009), *International Trauma Life Support 6th Ed. Online* – Contributing Author/ Editor
- Dietrich, A.M., Shaner, S., (2009), *Pediatric Trauma Life Support, International Trauma Life Support*, Downers Grove – Editor/ Reviewer
- National Association of EMS Educators – Education Standards Expert Writer, September (2006)

Stoy, W., Platt, T., Lejeune, D., (2005), *EMT-Basic Textbook 2nd Ed.*, Mosby, St. Louis –
Contributing Author

National Highway Traffic Safety Administration – EMT-Paramedic National Standard Curriculum,
Adjunct Writer, (1997)

Reviews:

International Trauma Life Support, Pearson Education

Journal of Emergency Medical Services, Elsevier Publishing

US Army Medical Research and Materiel Command (USAMRMC); Scientific Peer Advisory and
Review Services division of the American Institute of Biological Sciences (AIBS)

MEMBERSHIPS IN PROFESSIONAL and SCIENTIFIC SOCIETIES

Scientific Advisory Council, American Red Cross	2008
National EMS Management Curriculum Committee	2007
Fire and Emergency Services Higher Education (FESHE)	2006
National Association of Emergency Medical Service Educators (NAEMSE)	2000
International Management Council (IMC)	1991
National Association of Emergency Medical Technicians	1987
International Trauma Life Support (ITLS)	1985
Institute of Electrical and Electronics Engineers (IEEE)	1983

HONORS

University of Pittsburgh	Institutional Advancement Committee 2010 - 14
American Red Cross	Scientific Advisory Council 2008 - 16
University of Pittsburgh	University Review Board 2008 - 14
University of Pittsburgh, SHRS:	University Senate Member 2008-10
University of Pittsburgh, SHRS:	Faculty Senate Member 2007-10
University of Pittsburgh, SHRS:	Academic Integrity Hearing Board 2002 - 16
International Trauma Life Support:	Editorial Board 2006 - 15
International Trauma Life Support:	International BOD 2005 – 08
International Trauma Life Support:	International Coordinator of the Year - 1998
Outstanding Young American Award:	1996, 1997 and 1998
Who's Who in America High School Students Award:	1981

PROFESSIONAL ACTIVITIES

INSTRUCTION:

- Undergraduate level courses include Pharmacology, Pathophysiology, Medical 1 Adult Medical Emergencies, EMS Administration, Management and Leadership; Leadership in Healthcare, Senior Internship, Senior Seminar, Rehabilitation Ethics; Curricula labs include Physical Examination and Medication Administration, Emergency Medical Technician, Cardiology & Respiratory, Medication Administration, Physical Examination and Assessment Based Management.
- EM Residency/ Graduate level courses and presentations include Physician Field Training Course, UPMC Sports Medicine Fellowship, Public Speaking Techniques

- UPMC Sports Medicine Fellowship, Pittsburgh, PA; 2007 – 2011; Assessment for and application of pre-hospital equipment to manage Spinal Motion Restriction
- As Clinical Coordinator, responsible for clinical experiences of degree and non-degree Paramedic and EMT Programs to include; new and existing clinical site development; student orientation, evaluation and feedback, review of documentation related to and grading of all clinical experiences.
- Certification courses include Advanced Cardiac Life Support, Pediatric Advanced Life Support, Advanced Medical Life Support, Basic Cardiac Life Support, International Trauma Life Support, Emergency Medical Technician – Paramedic Refresher training

ADMINISTRATION:

Assistant Professor:

- Emergency Medicine, Faculty and Senior Year Curriculum Coordinator, Bachelor Degree Program, University of Pittsburgh
- Diploma and Certificate Programs, Faculty, Emergency Medicine, Center for Emergency Medicine
- Development, implementation and ongoing administration of distributive education for the senior year Emergency Medicine Bachelor Degree Program
- Ongoing research, publications, committee participation, recruitment, curricula development and implementation, community committee relations
- Contributory with initial development of the Physician Assistance Master of Science Program now offered by University of Pittsburgh, School of Health and Rehabilitation
- As the Continuing Education Editor for the Journal of Emergency Medical Services (JEMS), managed development, review and submission processes for print publication and distributive education publication

Executive Director:

- Transition of not-for-profit organization from club atmosphere to business focus (combination volunteer 2/3 and career 1/3 staffing)
- Doubling assets of organization with zero liabilities; Increase of collections for services billed from 44% to near 80%; Expanding service volume 193%
- Development and implementation of first organizational strategic plan; Strategically positioned service throughout community to be competitive
- Positioned organization as preferred provider with major HMO, service acted as gate keeper for central Pennsylvania ambulance and wheelchair transports
- Development and implementation of multiple contracts for service with HMO's, Skilled Nursing Care Facilities, Home Health agencies and non-healthcare services.
- Obtained Advanced Life Support licensure and operations, implementation of process to acquire accreditation through CAAS and program development for wheel chair van services
- Elected as President of Centre County Ambulance Association 1996 - 1997

Assistant Program Manager:

- Responsible for the supervision of all staff and day-to-day operations of the helicopter program, ground ambulance service, ground paramedic response service and communications center
- Implemented multiple educational programs for staff and community healthcare providers
- Completed Crosby's Continuous Quality Improvement program; active member of International Management Council
- Elected as Pennsylvania Emergency Health Services Council Representative

CERTIFICATION and LICENSURE

Ohio Department of Health	Registered Nurse	1999
Pennsylvania Department of Health	Registered Nurse	1998
US Department of Transportation	Air Medical Crew	1989
National Registry of EMT's	Paramedic	1985
Pennsylvania Department of Health	Paramedic	1981
Pennsylvania Department of Health	Emergency Medical Technician	1978

Numerous current certifications (e.g. ACLS, EMT, ITLS, NRP, PALS, PEPP) - primarily instructor level: available upon request.