

David P. Milzman, MD, FACEP  
Trauma Attending, Maryland Shock Trauma Center  
University of Maryland School of Medicine  
Baltimore, MD

8/28/2025

## PERSONAL

Present Titles: Trauma Team Attending and Surgical Critical Care Faculty  
Maryland Shock Trauma Center Baltimore MD  
Professor of Emergency Medicine; University of Maryland School of Medicine

Professor of Military and Emergency Medicine, Uniform Services University of the Health Sciences; Bethesda, MD

### Address

Office: Business Address: Maryland Shock Trauma Center  
c/o Dora Russell ( Admin)  
23 S Greene St  
Baltimore, MD 21201

Business Phone: (410) 328-9878

Cell Phone: (202) 210-8018

Email: Dmilzman@som.umaryland.edu

Home: 5810 Hillburne Way Chevy Chase MD 20815

Birthdate: November 1, 1960 Place: Washington , D.C. Citizenship: USA

## EDUCATION

### Education

1978–1982 B.S., Zoology, B.S. Journalism University of Maryland, College Park, MD

1982–1986 M.D., Georgetown University School of Medicine Wash, DC

### Post Graduate Education and Training

1986–1988 Internal Medicine Residency, Eastern Virginia Graduate School of Medicine

1987–1990 Emergency Medicine Residency PG 2-4, Eastern Virginia Graduate School of Medicine

1990–1991 Fellowship, Surgical Critical Care, Maryland Shock Trauma (MIEMSS- Maryland Institute for Emergency Medical Services Systems)

1991–1992 Fellowship, Trauma/Critical Care Research, Maryland Shock Trauma (MIEMSS- Maryland Institute for Emergency Medical Services Systems)

2023- Present U Maryland School of Public Health  
Master's of Science ( Dual Degree) Gerontology and Thanatology

## APPOINTMENTS

Present: Professor of Emergency Medicine; University of Maryland School of Medicine  
(Appointed 2019)

Professor of Military and Emergency Medicine, Uniform Services University of the Health Sciences; Bethesda, MD (Appointed 2016)

Past 1991–2019 Georgetown University School of Medicine

Assistant Professor 1991-1994

Associate Professor 1994-2008

Assistant Dean for Research 2010-2014

Professor 2009-2019 (Educator Research Tract)

Associate Dean for Innovation 2014-2018

2018–2020 Professor of Emergency Medicine, George Washington University School of Medicine

## COMMITTEE ACTIVITIES

### Administrative and Institutional Service

1988–1996 Instructor, Pediatric Advanced Life Support, Georgetown University School of Medicine  
1990–1996 Member, Emergency Medicine Residency Selection Committee, George Washington University  
1990–Present Instructor, Advanced Cardiac Life Support, DC METRO ACLS  
1990–Present Instructor, Advanced Trauma Life Support, Georgetown and Washington Hospital Center, George Washington and University of Maryland Trauma Division  
1991–1997 Associate Director, Trauma, Georgetown University Medical Center  
1991–1998 Medical Director, Georgetown Emergency Medical Services (GERMS)  
1991–Present Medical Student Faculty Mentor and Advisor, Georgetown University School of Medicine, George Washington 2017-2020, University of Maryland 2020- present  
1992–1997 Member, CPR Committee, Georgetown University Hospital  
1993–1997 Research Director, Department of Emergency Medicine, Georgetown University Hospital  
1993–1997 Research Director, Department of Emergency Medicine, Georgetown University School of Medicine  
1993–1997 Director, Medical Student Education and Clerkship, Georgetown University School of Medicine  
1993–1998 Student Senior Clerkship Director, Emergency Medicine, Georgetown University School of Medicine  
1993–2016 Medical School Interviewer, Georgetown University School of Medicine  
1995–1999 Chair, Committee on Student Appeals, Georgetown University School of Medicine  
1995–2000 Special Assistant/Faculty Advisor to Dean of Students, Georgetown University School of Medicine  
1997–2004 Vice Chair, Institutional Review Board, Providence Hospital  
1998–2004 Member, Pharmacy and Therapeutics Committee, Providence Hospital  
1998–Present Student Senior Clerkship Director, Emergency Medicine, Georgetown University School of Medicine  
1999–2004 Chair, Heart Failure Treatment Committee–Ascension Health Care, Providence Hospital  
2000–2004 Acting Director, Research Center Developmental Task Force, Providence Hospital  
2001–2003 Member, Emergency Medicine Residency Selection Committee, George Washington University  
2001–2004 Teaching Faculty and Planner, Senior Medical Student Basic Science Integration, CRESST  
2001–2008 Co-Director, Cardiac Physiology clinical/Basic Science course for 1<sup>st</sup> and 4<sup>th</sup> year students, Georgetown University School of Medicine  
2004–2009 Member, Bio-Ethics Committee, Washington Hospital Center  
2004–2009 Member, Sepsis Committee, Washington Hospital Center  
2004–2009 Member, Heart Failure Committee, Washington Hospital Center  
2004–2018 Member, Outcomes Research Planning Grants Committee, Washington Hospital Center  
2004–2018 Member, Trauma Committee, Washington Hospital Center  
2005–2018 Member, EM Residency Selection Committee, Georgetown / Washington Hospital Center  
2006–2018 Member, Medstar Trauma Research Committee, Washington Hospital Center  
2007–2018 Member, Committee on Medical Education and Sub-Committee on Integration of Electronic Media in Education, Georgetown University School of Medicine  
2010–2018 Member, Translational Research Committee, Georgetown University School of Medicine  
2018- 2020 GWU Community Outreach Committee  
UMC Hospital Medical Education and Critical Care Committees  
GWU Undergraduate Athletic Council Member  
2020–present UMD Shore Medical Chair: Hospital Sepsis Committee  
Co-Chair Population Health Committee  
University Maryland Hospital Sepsis Network: Member

2021- Present	UMD Shock Trauma Center Death Review Committee
2022- Present	Geriatric Trauma Patient Care Task Force
2023- Present	Institutional (UMMC) Bioethics Committee

### Local and National Service

#### National Service

1991–present	Reviewer, <u>Annals Emergency Medicine</u> , Expert Reviewer 2013- present
1992–present	Reviewer, <u>Critical Care Medicine</u> , Annual Research Forum Reviewer, Editorial Invited Author 2011- present
1996–2016	Task Force Member, Health and Safety Services, American Red Cross
1992–1998	Member, Trauma and Injury Prevention Committee, American College of Emergency Medicine
1993–1999	Member, research Committee, Society Academic Emergency Medicine
1992–2008	Member, Emergency Medicine Committee Society Critical Care Medicine
1994–1996	<b>Member, Health Human Services State Trauma Grant Study Section</b>
1993	<b>Medical Officer, Presidential Inaugurations</b> , Washington, D.C.
1994–1996	Invited Expert, Sub-committee on Crime, US House of Representatives
1994–1997	ACEP Representative, AMA Clinical Research Conference
1994–1998	First Chair and Founder, Student Clerkship Committee, Society Academic Emergency Medicine
1994–present	<b>Abstract Reviewer, Annual Research Meeting ACEP, SAEM and SCCM</b>
1994–present	Expert Reviewer, <u>Academic Emergency Medicine</u>
1995–Present	Ad Hoc Reviewer, <u>Chest and American Journal of Cardiology</u>
1996	Medical Officer, 1996 Olympic Soccer Games
1996–2014	Councilor, DC Representative to ACEP Annual National Meeting
1997	<b>Medical Officer, Presidential Inaugurations</b> , Washington, D.C.
1997–1998	Invited Expert and Contributor, Institute of Medicine: Public Hearing on Injury Prevention, National Science Foundation
1998–2016	<b>Member, Scientific Review Committee American College Emergency Physicians</b>
1999–2005	Board Member, Community Advocacy, American Heart Association
1999–Present	Member and now Senior Member; Program Committee, Society Academic Emergency Medicine
2000–2012	Member Faculty Development Committee, Society Academic Emergency Medicine
2001	<b>Medical Officer, Presidential Inaugurations</b> , Washington, D.C.
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2005	<b>Medical Officer, Presidential Inaugurations</b> , Washington, D.C.
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2009	<b>Medical Officer, Presidential Inaugurations</b> , Washington, D.C.
2009	<b>Co-Chair, Mid Atlantic Society Academic Emergency Medicine Annual Research Meeting</b>
2008	Invited Expert Speaking for ACEP, Effective Health Care Forum, AHRQ
2008–2010	Co-Chair, Regional Meeting Task Force Society Academic Emergency Medicine
2010	Invited Expert, FDA Cardio Renal Panel for Ticagrelor Application, FDA
2010–2012	<b>Chair, Research Section, American College Emergency Medicine</b>
2010-2013	Chair Sports Medicine Interest Group SAEM
2010–present	Member Research Committee, American College Emergency Physicians
2011–2016	Member, Resident and Student Committee, Society Academic Emergency Medicine
2012	<b>Co-Chair, Mid Atlantic Society Academic Emergency Medicine Annual Research Meeting</b>
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2014	<b>Co-Chair, Mid Atlantic Society Academic Emergency Medicine Annual Research Meeting</b>
2015	<b>Co-Chair, Mid Atlantic Society Academic Emergency Medicine Annual Research Meeting</b>
2015–Present	Member, Fellowship Approval Committee, Society Academic Emergency Medicine
2015–present	Member, Undergraduate Education Committee, Society Critical Care medicine
2017	<b>Co-Chair, Mid Atlantic Society Academic Emergency Medicine Annual Research Meeting</b>
2017–present	Team Physician, US Summer Deaflympics Team, 280 Athletes in 2017 Summer Deaflympics (80 Countries, 6000 Athletes) Samsun Turkey
2018	Team Physician, U. S. Team Physician Men and Women's; World Deaf Basketball Championship, Gallaudet university; Washington DC
2019	Team Physician, Winter Deaflympics Torino, Italy
2019	<b>Chair, Mid Atlantic Society Academic Emergency Medicine Annual Research Meeting</b>
2020- present	Expert Subject matter Reviewer Journal American College Emergency Physicians

#### Local Service

1991–2001	Member, D.C. Trauma Committee
1991–2004	Director, Emergency/First Aid Services, D.C. Sports and Entertainment
1991–present	Member, D.C. Mayor's Advisory Council on Emergency Medical Services, Co-Chair D.C. Mayor's Emergency Medical Advisory Committee
1991–2004	Member, D.C. Medical Control Committee
1992	Chair and Commission for Medical Control, DC Emergency Medical Advisory Commission, D.C. CPR Task Force, D.C. Fire and EMS
1992–2001	Chair, D.C. Sub-Committee on EMS Advanced Directives
1992–present	Expert Witness, Court 70/30 Defense/Plaintive (all cases on individual review) qualified in Emergency Medicine, Trauma, Critical Care, Patient Transport and Injury Control, District Court, DC Superior
1993–2004	Director, Emergency Medical/First Aid Services: MCI Center Events/D.C. Special Committee of Trauma Directors: Reimbursement for Uncompensated Trauma Care
1994–1997	Co-Chair, D.C. Trauma Care Systems Plan Taskforce
1994–1999	Co-Chair, D.C. Mayor's Special Committee on Trauma Center Closure
1994–2000	Chair, D.C. Committee on Violence and Injury Prevention: Trauma Sub-Committee
1995	Medical Officer, World Cup Soccer
1995–2001	Member, D.C. Committee on Disability and Injury Prevention
1997–2003	Advisory Member, Advisory Committee for Breast and Cervical Cancer Screening Program, DC Wish (Dept of Health)
1997–2005	Medical Officer, Washington Capitals, Verizon Center
2000	Chair and Commission for Medical Control, DC Emergency Medical Advisory Commission, D.C. CPR Task Force, D.C. Fire and EMS
2006–2008	<b>Invited Expert, EMS Commission, D.C. City Council</b>
2006–2009	<b>Invited Expert, D.C. EMS</b>
2006–present	<b>Task Force Member, DC Continuum of Care, DC Dept of Health</b>
2008–present	Member, D.C. Trauma Committee
2010–present	Chair and Commission for Medical Control, DC Emergency Medical Advisory Commission, D.C. CPR Task Force, D.C. Fire and EMS
2010–2011	Transition Team Member: Public Safety (Fire and EMS sub-committee), DC Mayor Elect Transition Team
2010–2011	<b>Invited Expert: Concussion in Sports, D.C. City Council</b>
2010–2017	<b>Invited Expert: Public Safety Hearing- DC Fire and EMS</b>
2014–2015	Transition Team Member: Public Safety (Fire and EMS sub-committee), DC Mayor Elect Transition Team
2014–present	<b>Chair and Commissioner for Medical Control, DC Emergency Medical Advisory Commission, D.C. CPR Task Force, D.C. Fire and EMS</b>
2014–present	<b>D.C. Commission on Judicial Tenure and Disability, Nominated and Approved by DC City Council Hearing 2014</b>
	<b>Reappointed for 6-year term 9/2017</b>
2018–2019	Transition Team Member: Public Safety (Fire and EMS sub-committee), DC Mayor Elect Transition Team

## Teaching Service

### Medical Student Teaching

1991–2019	Preceptor, Georgetown School of Medicine Ambulatory Care Clerkship, 4-6 students/semester, 2 semesters/year, (188 students precepted in Emergency Department over 28 years)
1992–1998	Director, Senior Medical Student Ambulatory Care Class, 24 students, 8-10 hours/monthly, 10 month/year
1992–1998	Director, Cadaver Trauma Procedure Lab for Senior Medical Students, 18 students, per semester, 50 hours/year
1992–1997	Class Director, Intro to Traumatic Injuries and Patient Care Elective Course, 2nd year Med Students course; Spring semester, 25 students/semester, 30 hours/year
1993–1998	Director Emergency Medicine Morbidity and Morality Conference (Monthly), 20 students/month, 200/year, 4 hours/week, 40 hours/year
1994–1997	Director, Weekly Emergency Medicine Inpatient Follow Up Rounds with students and residents on service, 16 students/month, 200 students/year, 4 hours/week, 120 hours/year
1995–2018	Preceptor, Georgetown University Medical Student Summer Research Grants, 44 students taught, 10 hours/week for 6 weeks annually
1995–2000	Instructor, Senior Medical Student Anatomy Class, 20 students, 8 hours/week
1999–2000	Instructor, Intro to Traumatic Injuries and Patient Care Elective Course, 2nd year Med Students course; Spring semester, 25 students/semester, 30 hours/year
1999–2019	Founder and Faculty Adviser, Georgetown University EM Student Interest Group, 50 hours/year
2004–2018	Instructor, Intro to Traumatic Injuries and Patient Care Elective Course, 2nd year Med Students course; Spring semester, 25 students/semester, 30 hours/year
2006–2017	Initiated Monthly Inter-Disciplinary Trauma M/M for faculty, residents/students
2007–2017	Innovative Brief Motivational Screening program for Medical students screening ED patients for Obesity, Alcoholism and Smoking, 40 students/year, 200 hours/year

2008–2012	Instructor, Senior Medical Student Anatomy Class, 20 students, 8 hours/week
2009–2018	Director, Senior Medical Student EM Clerkship Didactics, 8 hours/month, lectures 96 hours/year
2010–2015	Human Anatomy Art Drawing Class, Spring Semester, 25 students annually, 100 hours of teaching, developed this innovative class, with final projects Shown at Corcoran Gallery of Art Washington, DC
2010–2018	Emergency First Aid / Stop the Bleed/ BLS, First Year Medical Student Class (Orientation program) 204 students 6 sessions/ Day, Georgetown University School of Medicine, Developed this most popular intervention class
2010–2018	Initiated Hoya HouseCalls, Innovative Home Visits by Medical Students for patients with more than 20 ED visits Annually, Home visits for medical compliance, diet and healthier lifestyle, reduced ED visits by 20-25% per. Published paper on results. 250 hours/year
2010–2018	Developed Sepsis early alert system based on vital signs screening for earlier intervention
2012–2018	Initiated Post Traumatic Concussion Protocol and Concussion follow up testing
2013–2019	Initiated Prehospital Sepsis Alert program with Shock Index and Fever to Initiate Volume Resuscitation pre-hospital and alert ED on Arrival.
2015–2017	Zen of Healthy Cooking (Diet and Cooking Class) for First Year Medical Students, Georgetown University Post Baccalaureate Program, Washington DC, 20 students Annually, 80 hours/year
2017–2019	GW 1 <sup>st</sup> year Clinical correlation, small group, 6 hours/week, 18 weeks/semester, 2 semesters
2017–2019	GW 4 <sup>th</sup> year Monthly ER Simulation class, 8 hours/month, 10 months/year
2018–2019	GW 2 <sup>nd</sup> and 3 <sup>rd</sup> year Clinical Small group teaching, 5 hours/month, 10 months/year
2022- present	U MD SOM Senior medical Student 'BootCamp

#### Resident and Fellow Teaching

1994–1997	Director, Weekly Emergency Medicine Inpatient Follow Up Rounds with students and residents on service, 16 students/month, 200 students/year, 4 hours/week, 120 hours/year
2006–2017	Initiated Monthly Inter-Disciplinary Trauma M/M for faculty, residents/students
2021- Present	Weekly Resident/Fellow Cadaver Procedure Lab Maryland Shock Trauma Balt MD

#### Post-Graduate Teaching

2010–2018	Research Seminar, Georgetown University Post-Baccalaureate Program, 39 hours/semester, 72 hours/year.
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University  
Hospital  
Department

### **SPECIALTY AND SUBSPECIALTY CERTIFICATION**

1991	American Board of Emergency Medicine
1991	Surgical Critical Care Fellowship,
	Board Eligible American College Surgeons 2020, to sit exam 9/23
2001	American Board of Emergency Medicine
2011	American Board of Emergency Medicine
2021	American Board of Emergency Medicine Expires Dec 2026

### **ELECTIVE CERTIFICATION**

1988–1996	Instructor, Pediatric Advanced Life Support, Georgetown University School of Medicine
1990–1996	Member, Emergency Medicine Residency Selection Committee, George Washington University
1990–2016	Instructor, Advanced Cardiac Life Support, DC METRO ACLS
1990–Present	Instructor, Advanced Trauma Life Support, Georgetown and Washington Hospital Center, George Washington and University of Maryland Trauma Division

### **LICENSURE**

1987 Active, Commonwealth of Virginia  
1990 Active, District of Columbia  
1990 Active, Maryland

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## PROFESSIONAL SOCIETY MEMBERSHIPS

## PROFESSIONAL SOCIETY ACTIVITIES

1992–present	1991–present Reviewer, <u>Annals Emergency Medicine</u> , Expert Reviewer 2013- present Reviewer, <u>Critical Care Medicine</u> , Annual Research Forum Reviewer, Editorial Invited Author 2011- present
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2019	Team Physician, Winter Deaflympics Torino, Italy
2019	<b>Chair, Mid Atlantic Society Academic Emergency Medicine Annual Research Meeting</b>
2020- present	Expert Subject matter Reviewer Journal American College Emergency Physicians

## **SERVICE/COMMUNITY WORK**

### **Military Service**

2019–Present	US Army Reserve Rank: Major Army Medical Corps
Location of Service:	Uniform Services University of the Health Sciences, Bethesda MD, Army Professional Medical Command (APMC)
Service Dates:	
February 2020	CBRN Training (Chem, Biologic, Radiation, Nuclear) Disaster Training, Santa Fe, NM
March 2020	Deployment Covid19 Disaster Support, 18 <sup>th</sup> Field Hospital, NY, NY
April 2020 – June 2020	Deployment 338th Urban Augmentation Mobile Task Force Operation Gotham Javits Convention Center NY,NY Director, Medical Operations
July 2020- Oct 2020	Deployment: 7454 <sup>th</sup> Urban Augmentation Mobile Task Force; Operation COVID Response, Corpus Christi , TX
April-May 2022	Deployment HOSPEX Training Mission with NATO Forces Landstuhl MMC Germany
March -April 2023	Direct Corp Commission Training FT Sill , OK
April 2023	Team STEPPS Trauma Team Training ICU Director, Mayo Medical Center, MN
August , 2023	Deployment HOSPEX Training Mission with NATO Forces
Awards:	
	2020 Army Commendation Medal
	2020 Army Service Ribbon
	2020 National Defense Service Medal
	2020 Army Commendation Medal – Second award
	2021 Joint Services Commendation Medal
	2022 European Service Commendation Medal
	2023 Army Commendation Medal – Third Award

### July 2010- December 2020

Indian Health Services Department of Emergency Medicine and ICU  
( volunteer EM and ICU Faculty , approximately 5-6 weeks annually for 10 years)  
Gallup Indian Medical Center; Gallup New Mexico  
Chinle Indian Medical Center; Chinle AZ  
Pine Ridge Indian Medical Center, Pine Ridge , SD

### Regional Community

1991–2001	Member, D.C. Trauma Committee
1991–2004	Director, Emergency/First Aid Services, D.C. Sports and Entertainment
1991–present	Member, D.C. Mayor's Advisory Council on Emergency Medical Services, Co-Chair D.C. Mayor's Emergency Medical Advisory Committee

1991–2004	Member, D.C. Medical Control Committee
1992	Chair and Commission for Medical Control, DC Emergency Medical Advisory Commission, D.C. CPR Task Force, D.C Fire and EMS
1992–2001	Chair, D.C. Sub-Committee on EMS Advanced Directives
1992–present	Expert Witness, Court 70/30 Defense/Plaintive (all cases on individual review) qualified in Emergency Medicine, Trauma, Critical Care, Patient Transport and Injury Control, District Court, DC Superior
1993–2004	Director, Emergency Medical/First Aid Services: MCI Center Events/D.C. Special Committee of Trauma Directors: Reimbursement for Uncompensated Trauma Care
1994–1997	Co-Chair, D.C. Trauma Care Systems Plan Taskforce
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1995	Medical Officer, World Cup Soccer
1995–2001	Member, D.C. Committee on Disability and Injury Prevention
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2006–present	<b>Task Force Member, DC Continuum of Care, DC Dept of Health</b>
1995–2020	Member, D.C. Trauma Committee
2010–2022	Chair and Commission for Medical Control, DC Emergency Medical Advisory Commission, D.C. CPR Task Force, D.C Fire and EMS
2010–2011	Transition Team Member: Public Safety (Fire and EMS sub-committee), DC Mayor Elect Transition Team
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2014–present	<b>D.C. Commission on Judicial Tenure and Disability, Nominated and Approved by DC City Council Hearing 2014</b>
	<b>Reappointed for 6-year term 9/2017</b>
2018–2019	Transition Team Member: Public Safety (Fire and EMS sub-committee), DC Mayor Elect Transition Team

## BIBLIOGRAPHY

### Grant Support

#### Completed Grants:

1993–1995	(PI: 25%) <i>Utility of Stat Lactate to Predict Increased Mortality in Geriatric ED Patients</i> Hartford /SAEM Geriatric Research Grant Annual Direct Costs: \$30,000 Total Direct Costs: \$30,000
1993–1997	(PI: 25%) <i>Utility of Rapid Lactate to Predict Preclinical Shock in ED patients</i> NOVA Biomedical Directed Research Grant Annual Direct Costs: \$50,000

	Total Direct Costs:	\$50,000
	(\$50,000/annually renewed for 5 consecutive years)	
1994–1996	(PI: 15%)	
	<i>Rapid Rewarming Using Continuous Artery Venous Infuser (Level 1) in Canine Model</i>	
	Georgetown Intramural LAB Research Grant	
	Annual Direct Costs:	\$25,000
	Total Direct Costs:	\$25,000
1995	(PI: 5%)	
	<i>CHF Prediction using Bioimpedance</i>	
	SAEM Medical Student Grant	
	\$Annual Direct Costs:	\$5,000
	Total Direct Costs:	\$5,000
1995–1997	(PI: 15%)	
	<i>Development of Decompensated HF following AMI in Porcine Model</i>	
	Georgetown Intramural Lab Research Grant	
	Annual Direct Costs:	\$25,000
	Total Direct Costs:	\$25,000
1996	(PI: 15%)	
	<i>Early prediction of ADHF using Bioimpedance</i>	
	AHA Student Fellowship Grant	
	Annual Direct Costs:	\$32,000
	Total Direct Costs:	\$40,000
1998–2000	(Co-PI: 20%)	
	<i>Randomized Placebo Controlled Trial of MAK 195F(anti-TNF alpha antibody) in Sepsis with Hyperinflammatory response</i>	
	Knoll Pharmaceutical–Industry Sponsored Phase III clinical trial	
	Annual Direct Costs:	\$40,000
	Total Direct Costs:	\$50,000
1999	(PI: 5%)	
	<i>Use of Fenoldopam in the acute treatment of hypertension in the CHF patient: effect on cardiac output and renal perfusion (initial safety trial)</i>	
	Industry Competitive Grant Award	
	Annual Direct Costs:	\$9,500
	Total Direct Costs:	\$9,500
1999–2000	(PI: 10%)	
	<i>Bio-Impedance to Improve Acute Decision Making in Decompensated Heart Failure</i>	
	ACEP Community Hospital Research Grant	
	Annual Direct Costs:	\$20,000
	Total Direct Costs:	\$20,000
1999–2001	(Site PI: 5%)	
	<i>Industry sponsored phase III clinical trial of Lamifiban (IIb/IIIa) in Unstable Angina/ non-Q wave MI</i>	
	Paragon-B	
	Annual Direct Costs:	\$20,000
	Total Direct Costs:	\$25,000
2000	(Site PI: 3%)	
	<i>Industry Phase III Clinical Trial: Community Acquired Pneumonia Trial of Trovan vs. Study Drug(moxifloxacin) in comparison of in-patient treatment outcomes</i>	
	Bayer Pharmaceutical	
	Annual Direct Costs:	\$9, 600
	Total Direct Costs:	\$12,000
2001–2002	(Site PI: 4%)	
	<i>Integration of Natrecor in Acute Medical Treatment of pulmonary Edema in the ED</i>	
	Scios Pharmaceutical	
	Annual Direct Costs:	\$14,000
	Total Direct Costs:	\$20,000
2002–2004	(Site PI: 5%)	
	<i>ADHERE Registry for Heart Failure Patients Providence Hospital</i>	
	Scios Pharmaceutical	
	Annual Direct Costs:	\$24,000
	Total Direct Costs:	\$30,000
2004–2005	(Site PI and Co-PI: 25%)	
	<i>Clinical Utility of Biomarkers in Assessment of Sepsis</i>	
	Biosite, Inc	
	Involved in patient recruitment and Follow up	
	Annual Direct Costs:	\$153,100
	Total Direct Costs:	\$216,500

10/2009–01/01/2012	(Co-Investigator: 5%)	NIH Program Announcement UO1 RFA MH-09-150: <i>Suicide Prevention in Emergency Medicine Departments (SPEED)</i> NIMH Involved in patient recruitment and arranged follow-up Annual Direct Costs: \$1,800,000 Total Direct Costs: \$3,100,000
2010–2012	(Site Co-Investigator: 10%)	<i>Process, Sepsis Trailla of ED Intervention and Outcome</i> NIH, NIAID Patient recruitment and Protocol Provider/Procedurist Annual Direct Costs: \$165,000 Total Direct Costs: \$275,000
2011–2012	(Site Co-Investigator: 5%)	<i>Concussion in TBI enhanced detection with 3T MRI and biomarkers</i> NIH, NINDS Patient Recruitment and Follow-up Annual Direct Costs: \$280,000 Total Direct Costs: \$400,000
2013	(PI: 10%)	<i>Collaborative training in Acute Cardiac Arrest Scenario for medical and nursing students</i> Georgetown University Circle Grant Intramural Annual Direct Costs: \$25,000 Total Direct costs:\$25,000
2014–2015	(PI: 5%)	<i>Identifying Risk Adverse Behavior In CAD assessment in Navaho chest pain pts</i> Maxwell Cardiovascular Research Grant Georgetown University Annual Direct Costs: \$18,000 Total Costs: \$18,000
2015	(PI: 30%)	<i>Bike vs Vehicular Crash Pilot Crash Scene Investigation</i> Insurance Institute for Highway Safety Annual Direct Costs: \$145,000 Total Direct Costs: \$145,000
2015	(PI: 5%)	<i>Geospatial Mapping and Home Visit Intervention to reduce ED Super User Visit Pilot Project</i> Dean Summer Research Grant Annual Direct Costs: \$10,000 Total Direct Costs: \$10,000
2015–2016	(PI: 10%)	<i>Death Notification Teaching through family presence in cardiac arrest scenario</i> GU Circle Intramural grant Annual Direct Costs: \$25,000 Total Direct Costs: \$25,000
2016–2017	(PI: 5%)	<i>Screening Grandparents and Parents for HTN Cholesterol and DM in Latino School Children, Reversing the Intervention Cycle</i> Maxwell Cardiovascular Research Grant Georgetown University Annual Direct Costs: \$22,000 Total Direct Costs: \$22,000

**Georgetown University Medical School Dean's Summer Research Scholarship Grant Program (Intramural Grants – Awarded Annually to Frist year Medical Students)**

1995	(Preceptor, PI: Herne) <i>Why Call 911? A critical survey of outcomes from pre-hospital cardiac arrest with quality of life variables</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500
1995	(Preceptor, PI: McAdams) <i>Airbag Deployments in Urban Vehicular Crashes; Benefit analysis</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500
1995	(Preceptor, PI: Bergeman)

		<i>E.D. survey on the Treatment of Acute Asthma: National study of EM residency programs</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1995	(Preceptor, PI: Fakhimi)	
		<i>Value of Lactate on Pediatric Patient Triage</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1995	(Preceptor, PI: Han)	
		<i>Utility of Rapid lactate analysis in Acute Asthma</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1996	(Preceptor, PI: Ossani)	
		<i>Value of Admit Lactate Level to predict E.D. costs</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1996	(Preceptor, PI: A Meltzer)	
		<i>Retrospective Review of E.D. utilization by domestic homicide victims</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1996	(Preceptor, PI: C O'Neil)	
		<i>Ethanol abuse on campus and effect on medical illness and traumatic injury</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1996	(Preceptor, PI: Hogan)	
		<i>Use of thoracic bioimpedance vs. Chest radiograph in analysis of acute CHF in the E.D.</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1996	(Preceptor, PI: Fakhimi)	
		<i>Serial lactate analysis of single sample for pseudohyperlactatemia due to delays in analysis</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1996	(Preceptor, PI: Dhasshim)	
		<i>Correlation of lactate and blood culture results for pediatric occult bacteremia cases in the ED</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1997	(Preceptor, PI: T Janchar)	
		<i>Use of Digital Radiography to improve clearance of the Cervical Spine in trauma patients</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1997	(Preceptor, PI: C Hogan)	
		<i>Use of thoracic bioimpedance vs. chest radiography in acute CHF</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1997	(Preceptor, PI: J Bodnick)	
		<i>Domestic Violence surveillance in the E.D.</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500
1997	(Preceptor, PI: C Hogan, R Samaddar)	
		<i>Improving care of CHF patients in the E.D. with continuous cardiac output monitoring</i>
		Georgetown Medical School Student Summer Research Grant.
	Annual Direct Costs:	\$1,500
	Total Direct Costs:	\$1,500

1997-1998	(Preceptor, PI: L Moskowitz, R Samaddar) <i>Utility of thoracic impedance to evaluate admission chest x-ray changes in acute heart failure patients.</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$10,000 Total Direct Costs: \$10,000
1998	(Preceptor, PI: A Zlindenny, A Battiata <i>Use of Seat Belts In Urban Taxis: Impact of fine on routine use</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$2,000 Total Direct Costs: \$2,000
1999	(Preceptor, PI: J Bodnick, L Romagnuolo) <i>Domestic Violence rates in acute ED patients requiring psychiatric commitment</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$2,000 Total Direct Costs: \$2,000
2000	(Preceptor, PI: D Marks, B Jay, Z Regan) <i>Changes in hemodynamics and oxygenation in healthy normals during acute ascent to high altitude (14,500 ft); therapeutic considerations</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$4,500 Total Direct Costs: \$4,500
2000	(Preceptor, PI: A Napoli) <i>Effect of BIPAP ventilation on work of breathing: analysis of change in cardiac output in healthy normal subjects</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$4,500 Total Direct Costs: \$4,500
2001	(Preceptor, PI: A Napoli, R Samaddar, C Fisher) <i>Trial of noninvasive ventilation in acute emergency department use: hypercapnic VS hypoxic failure</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$4,500 Total Direct Costs: \$4,500
2001	(Preceptor, PI: S Andrus) <i>25 years of layperson use of the Heimlich maneuver and occult complications; ED follow up should be mandated</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,700 Total Direct Costs: \$1,700
2001	(Preceptor, PI: D Milzman) <i>Trauma Care and Procedure Teaching</i> SAEM Medical Student Interest Group Grants Annual Direct Costs: \$500 Total Direct Costs: \$500
2002	(Preceptor, PI: Y Venieris) <i>Surfing injuries: extreme injuries from extreme use</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500
2002	(Preceptor, PI: K Douglas) <i>Medical Student experience in cardiac arrest: What is taught? What is gained?</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500
2002	(Preceptor, PI: T Thistle, D Calloway) <i>Implementation of SEAM medical student curriculum to first year students: result of an EM crash course</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$2,000 Total Direct Costs: \$2,000
2002-2003	(Preceptor, PI: A Garth) <i>Brief Intervention in the ED to impact cessation of cigarette smoking</i> DC ACEP Medical Student Research Grants Annual Direct Costs: \$1,200 Total Direct Costs: \$1,200
2003	(Preceptor, PI: J Parvani) <i>ED Presentation of Dyspnea in HF Patients Results in Increased Hospital Stay and Medication Costs</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,500

2003	Total Direct Costs: \$1,500 (Preceptor, PI: M Sarohia, L Milton) <i>Relative Risk of Pulmonary Embolism in End Stage Renal</i> Georgetown Medical School Student Summer Research Grant.
2003	Annual Direct Costs: \$1,700 Total Direct Costs: \$1,700 (Preceptor, PI: C Fischer) <i>Razor-style scooter; new recreational device and new injury patterns</i> Georgetown Medical School Student Summer Research Grant.
2003	Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500 (Preceptor, PI: D Milzman) <i>Emergency First Aid Teaching/ Basic Life Support Class</i> SAEM Medical Student Interest Group Grants
2003-2004	Annual Direct Costs: \$500 Total Direct Costs: \$500 (Preceptor, PI: K Bullock, C Fischer) <i>Screening for Depression in ED patients and the relation to patient recidivism</i> DC ACEP Medical Student Research Grants
2004	Annual Direct Costs: \$1,200 Total Direct Costs: \$1,200 (Preceptor, PI: L Milton, M Sarohia) <i>Death in the Department: Can We Predict Who Will Die After Arriving Alive</i> Georgetown Medical School Student Summer Research Grant.
2004	Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500 (Preceptor, PI: B Collander) <i>Comparison of Second VS. Third Row Seating for Fatal Injury in Vehicular Collisions</i> Georgetown Medical School Student Summer Research Grant.
2005	Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500 (Preceptor, PI: MA Hui) <i>Use of CT in ED Patients with Presenting Complaint of Headache</i> Georgetown Medical School Student Summer Research Grant.
2005	Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500 (Preceptor, PI: K Layman) <i>The Great Emergency Department Safety Net has been extended to Include High-Recidivism Patients Who Present During their last 6 months of Life</i> Georgetown Medical School Student Summer Research Grant.
2006	Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500 (Preceptor, PI: T Weiler) <i>Over-Utilization of Diagnostic Tools on Daily Surge Days in the Emergency Department</i> Georgetown Medical School Student Summer Research Grant.
2006	Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500 (Preceptor, PI: J Hill) <i>Impact of Recidivism on Emergency Department Patient Volume \$1,500. funded</i> Georgetown Medical School Student Summer Research Grant.
2007	Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500 (Preceptor, PI: H Soe-Lin) <i>Use of Diagnostic Tools on Daily Surge Days in the Emergency Department</i> Georgetown Medical School Student Summer Research Grant.
2007	Annual Direct Costs: \$2,000 Total Direct Costs: \$2,000 (Preceptor, PI: J Iserrman) <i>Antibiotic Use in Uncomplicated Bronchitis: Now Change is a Needed Change Through Motivational Intervention</i> Georgetown Medical School Student Summer Research Grant.
2007	Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500 (Preceptor, PI: P Shen) <i>Delayed Diagnosis of NSTEMI Based on Enzymes: Impact on PCI, CABG and Outcome</i>

	Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500
2009	(Preceptor, PI: H Soe-Lin) <i>Delayed Diagnosis of NSTEMI By Cardiac Markers Results in Complications and Worse Outcomes</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500
2009	(Preceptor, PI: H Soe-Lin, K Nizorek) <i>Rising Prevalence of HIV in ED Population: No Testing Needed</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500
2009	(Preceptor, PI: H Soe-Lin) <i>Suicide Ideation Presenting to the Hospital: Lack of Evidence for Success and Death</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,700 Total Direct Costs: \$1,700
2010	(Preceptor, PI: R Gerecht) <i>Cranial Trephination: Simulation Model for Emergency Medicine Resident Training of a Rare but Life-Saving Procedure</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,700 Total Direct Costs: \$1,700
2011	(Preceptor, PI: C Kaehler) <i>Prime Time Television Seat Beat Usage: Still a Poor Example</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$1,500 Total Direct Costs: \$1,500
2012	(Preceptor, PI: B Dirkes) <i>Disparities In Pain Management of Long Bone Fractures In The ED and Trauma</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$2,200 Total Direct Costs: \$2,200
2013	(Preceptor, PI: G Hughes-Strange) <i>Comparison of Peak Troponin (Ctni) Levels Based On Patient Characteristics</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$2,200 Total Direct Costs: \$2,200
2013	(Preceptor, PI: M Infield) <i>An Initial Troponin I Value of Zero Predicts No NSTEMI On Acute Emergency Presentation of Chest Pain?</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$2,200 Total Direct Costs: \$2,200
2014	(Preceptor, PI: S Swinford, J King) <i>Intra-Articular Lidocaine Versus IV Conscious Sedation for Closed Reduction of Shoulder Dislocation</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$2,200 Total Direct Costs: \$2,200
2016	(Preceptor, PI: J Altman) <i>Impact of Airline Travel on Outcome In NHL and NFL Players Immediately Post Mtbi: Increased Recovery Times</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$2,200 Total Direct Costs: \$2,200
2017	(Preceptor, PI: A Neustadt) <i>Fighting in The NHL 5 Year Review: Fists of Fury but Few Concussions</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$2,200 Total Direct Costs: \$2,200
2017	(Preceptor, PI: D Wang) <i>Helmet Design and Hits to the Head: Analysis of NFL Tackling 1951-Present</i> Georgetown Medical School Student Summer Research Grant. Annual Direct Costs: \$2,200 Total Direct Costs: \$2,200

## Publications

### Peer-reviewed journal articles

1. La Fleche F, Vargas J and **Milzman D**. Iatrogenic Bilateral Tibial Fractures after Intraosseous Infusion Attempts in a 3-month old Infant, *Ann Emerg Med*, 1989;18:1099-1101.3
2. LaFleche F and **Milzman DP**. Flumazenil and coma. *Ann Emerg Med*. 1991;20:1397
3. **Milzman,D** Boulanger,B Rodriguez,A et al. Trauma Patient with Pre-Existing Disease: A Predictor of Fate Independent of Age and Injury Severity. *J Trauma*, 1992;32:336-42.
4. Boulanger,B **Milzman,D** Rodriguez,A. Body Habitus as a Predictor of Injury Pattern Following Blunt Trauma. *J Trauma*. 1992;33:228-232
5. **Milzman DP**, Magnant,CM, Dhindsa,H "The Use of Hyperbaric Oxygen in Out-Patient Wound Care" in Advances in Emergency Wound Treatment. *Emerg Med Clin North America*. J Howell, C Chisom, Eds. W.B. Saunders. Philadelphia. Oct 1992
6. **Milzman DP** (edition author). Trauma Case Management: Resuscitation without the Risks. *Foresight*. 1994;3:1-7.
7. Boulanger,B **Milzman,D** Rodriguez,A. The Clinical Significance of Acute Hyperamylasemia Following Blunt Trauma. *Can J Surg* 1993;36:61.
8. Boulanger,BR Rosati,C **Milzman,DP**. Blunt Traumatic Diaphragmatic Rupture: Right vs Left Side Presentations and Management. *J Trauma* 1993;35:255-260.
9. **Milzman DP**, Hinson D, Magnant CM. "Overview and Outcomes" in The Trauma Patient with Pre-Existing Disease: Critical Considerations, Crit Care Clinics N America. **Milzman DP**, Boulanger BR, Rodriguez, A (Eds) W.B. Saunders Publ. Philadelphia. 1993;9:633-656.
10. **Milzman DP**, Boulanger BR Emergency Physicians and Trauma Surgeons: Can Things Change? *J Trauma*, 1994:871-872.
11. Jolin S, Howell JM, **Milzman DP** et al. Infrared thermal tympanic thermometry predicts acute otitis media in pediatric patients. *Am J Emerg Med*. 1995;13:6-8.
12. Boulanger BR, **Milzman DP**, Rodriguez A. "Obesity" in The Trauma Patient with Pre-Existing Disease: Considerations in Disease Management, Crit Care Clinics N America. **Milzman DP**, Boulanger BR, Rodriguez, A (Eds) W.B. Saunders Publ. Philadelphia. 1994;10:613-622.
13. **Milzman DP**, Soderstrom CA. "Substance Use Disorders in Trauma Patient: Diagnosis, Treatment and Outcome" in The Trauma Patient with Pre-Existing Disease: Considerations in Disease Management, Critical Care Clinics N America. **Milzman DP**, Boulanger BR, Rodriguez, A (Eds) W.B. Saunders Publ. Philadelphia. 1994;10:595-612.
14. Fitzgerald DJ, **Milzman DP**, Sulmasy DP Creating a dignified option: Ethical considerations in the formulation of prehospital DNR protocol. *Am J Emerg Med*. March,1995.
15. **Milzman DP**: "Care of the Elderly Patient" in Critical Resuscitations. *Emergency Medicine Clinics*. **Milzman DP**. (ed) W.B. Saunders Publ. Philadelphia. 1996;14:233-245.
16. **Milzman DP**: Resuscitating the ages in Critical Resuscitations. *Emergency Medicine Clinics*. Milzman DP. (ed) W.B. Saunders Publ. Philadelphia. 1996;14: 217-219.
17. Wasserfallen JB, Gold K, Schulman KA, **Milzman D**, Baraniuk JN. Development and validation of a rhinoconjunctivitis and asthma symptom score for use as an outcome measure in clinical trials. *J Allergy Clin Immunol* 1997;100:16-22
18. Wasserfallen JB, Baraniuk JN, **Milzman D**, Wethington S, Wilson B, Schulman KA. Asthma symptoms, treatment and cost after an emergency room visit (ERV). *Journal of Allergy and Clinical Immunology* 1995;95:227.
19. Wasserfallen JB, Baraniuk JN, **Milzman DP** et al. Asthma symptoms, treatment and cost after an Emergency Room visit. *J Am Academy Allergy & Immunology* 1998.
20. Schiemechen N, Han C, **Milzman D**. Emergency department use of rapid lactate to evaluate acute chest pain patients. *Ann Emerg Med* Nov. 1997;30:571-577.
21. Shoemaker W, Belzberg H, Wo C, **Milzman D**, et al. Multicenter study of noninvasive monitoring systems as alternatives to invasive monitoring of acutely ill emergency patients. *Chest* 1998;114:1643-52.
22. **Milzman D**, Janchar T. Addition of EMS experience to an established Emergency Medicine clerkship. *Acad Emerg Med* 1999;6:359-62.
23. **Milzman D**, Moskowitz L, Rubin S. Critical Care training for emergency physicians. *Acad Emerg Med*. 1999;6: 345-348.
24. **Milzman D**, Moskowitz L. Lightning Strike at a mass gathering: Preparation priorities. *South Med J* 1999;92:708-10.
25. Obrien C, **Milzman D**. NHAMCS: quality of a national emergency department-based informatic National Hospital Ambulatory Medical Care Survey. *Acad Emerg Med*. 1999;6:666-8.
26. Busschots GV, **Milzman D**. Dental Patients with neurologic and psychiatric concerns. *Dent Clin North Am*. 1999;43:471-83.
27. **Milzman DP**, Milzman BI. Focused care of pediatric patients in the dental office. *Dent Clin North Am*. 1999;43:527-44.
28. **Milzman D**, Moskowitz L, Zlidenny A et al. Thoracic Impedance in comparison to admission chest radiograph in acute heart failure patients in the E.D. *Journal of Heart Failure*; 2001
29. Janchar T, **Milzman D**. Mosh Pits: A new and dangerous side show at mass gatherings. *Am J Emerg Med* 2000;18:62-3.
30. Janchar T, **Milzman D**: Digital Radiography, Modified: Trial in use for Cervical spine trauma. *Emergency Radiology*: 6, 2000
31. Janchar, T, **Milzman, D**; Situs Inversus: Case present and review of ED presentations. *Am J EM* 2000;18:349-50.
32. Cheng T, Wright, J Fields and the DC Injury network (**Milzman**). Violent Injuries Among Adolescents: Declining Morbidity and Mortality in an Urban Population. *Ann Emerg Med*. 2001;37:292-300.
33. Moscovitz H, **Milzman D**, Haywood Y Washington DC Youth Curfew: effect on transports of injured youth. *PreHosp Emerg Care* 2000;4:294-8.

34. Freed H, **Milzman D**, Holt R and Wang A. Age 14 Starts Child's Increased Risk of Major Knife and Gunshot Injury. *J NMA* 2004;96:169-75
35. Freed HA, **Milzman D**, Freed M. Knowledge about the initial presentation of smallpox among emergency physicians in Washington, DC. *Acad Emerg Med*. 2005;12(8):771-4
36. Young KD and SAEM Grants Committee ( **D Milzman** et al). Productivity and career paths of previous recipients of Society for Academic Emergency Medicine research grant awards. *Acad Emerg Med* 2008; 15;560-66.
37. N Shapiro, JE, Hollander, R Birkhahn, R. Otero, T Osborn, **D Milzman**, E Moretti B Nguyen, S Trzeciak, K Gunnerson, E Rivers. A prospective, multicenter derivation of a biomarker panel to assess risk of organ dysfunction, shock and death in emergency department patients with suspected sepsis. The Prospective Observational Evaluation of Sepsis (POEMS) Group. *Critical Care Medicine* 2009; 37:96-104
38. **Milzman, DP**. Last Minute EM: a review. *Ann Emerg Med* 2009;5;53:407.
39. **Milzman D**, Napoli A, Hogan C, Zlidenny A, Janchar T. Thoracic impedance vs chest radiograph to diagnose acute pulmonary edema in the ED. *Am J Emerg Med*. 2009 Sep;27(7):770-5.
40. Napoli AM, **Milzman DP**, Damergis JA, Machan J. Physiologic effects of altitude on recreational climbers. *Am J Emerg Med*. 2009 Nov;27(9):1081-4.
41. Larkin GL, Beauprais AL, Spirito A, Kirrane BM, Lippmann MJ, Milzman DP. Mental health and emergency medicine: a research agenda. *Acad Emerg Med*. 2009 Nov;16(11):1110-9.
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130. 130.**D Milzman**, B Dirkes, J Vieth, A Napoli Impact of Sex and Ethnicity of Patient and Physician Provider On Pain Medication Usage In Emergency Department Patients with Long Bone Fractures *Annals of Emergency Medicine* 2012;58 (4): S254

131. 131.**D Milzman**, B Boyd, M Carey, J Ferretti-Gallon, E Haber, C Hluchan. Prime Time Television Traffic Safety: Still Setting A Poor Example. *Annals of Emergency Medicine* 2012;58 (4):S330-S331

132. 132.K Reed, **D Milzman**, S Desai, R Bhat. Cranial Trephination: Simulation Model for Rare But Life-Saving Procedure. *Journal of Emergency Medicine* 2012;41 (2):205-206

133. 133.K Reed, T Matejovsky, S Desai, **D Milzman**. Obstetric High-Risk Delivery Scenarios: Benefits of Simulation Training of Rare but Critical Procedures. *Journal of Emergency Medicine* 2013;41 (2): 206

134. 134.D Kindermann, B Weiss, V Sudekem, C King, J Scofi, K Maloy, J Hutter, **Milzman D**. Trends In Advanced Radiology To Diagnose Pulmonary Embolus In Four Emergency Departments: 2006-2009: *Academic Emergency Medicine* 2013;18:172.

135. 135.**D Milzman**, H Soe-Lin, K Nizolek, L Baldassari, A Napoli Urban Ed Experience with Patients with Suicidal Ideation: Recurring Presentations and Rare Suicidality: *Academic Emergency Medicine* 2013;18:342.

136. 136.K Reed, S Wood, L Jacobson, E Chang, **D Milzman**. Stroke Simulation Training: Is Stroke Management Missing In Residency Training? *Annals of Emergency Medicine* 2013;4 (58): S284

137. 137.**D Milzman**, D Kindermann, P Hu, B Weiss, V Sudekem, C King Ed Overcrowding and Accuracy of Screening for Pulmonary Embolus in The Ed: Poor Predictions and Bad Outcomes. *Critical Care Medicine* 2013;38 (12); U251

138. 138. J Pines, L Baldassari, C Fischer, M Goyal, **D Milzman**, A Napoli, H Soelin. The Association Between Hospital-Level Left-Without-Being Seen (LWBS) Rates and 90-Day Mortality Rates After LWBS. *Academic Emergency Medicine* 2013;17 (5):

139. 139.K Reed, T Ross, S Wood, M Neuner, **D Milzman**. High-Risk Obstetric Delivery Scenarios: Benefits of Simulation Training of Rare but Critical Procedures for Emergency Medicine Residents. *Academic Emergency Medicine* 2013;17 (5):

140. 140.C Fischer, L Mottley, **D Milzman**, A Napoli, J Pines, M Goyal. Positive Blood Cultures In Patients Discharged From The Emergency Department: *Academic Emergency Medicine* 2013;17 (5):

141. 141.**D Milzman**, J Vieth. Disparities In Pain Management of Long Bone Fractures In The Ed and Trauma: *Pain Medicine* 2013;11 (2);155.

142. 142.**D Milzman**, H Soe-Lin, J Orr, J Elliot. Quantification of Daily Surge Volume In The Emergency Department. *Annals of Emergency Medicine* 2013; 3 (56): S87

143. 143.E Hamma, K Reed, J Jason, S Desai, **D Milzman**, C Trankiem. Simulation Emergency Department Thoracotomy: A Novel Simulation Teaching Model To Enhance Residency Training: *Academic Emergency Medicine* 2013;20:488.

144. 144.**D Milzman**, J Altman, Z Hatoum, D Berman, A Neustadt, K Pasternac. Impact of Air Flight on Games Missed Post Concussion n NHL Players, *Br J Sports Med* 2014;48 (7), 639.

145. 145.J Dubin, A Rao, L Ramadan, C Simasek, **Milzman D**. Improving Documentation of Rationale for CT Brain for Atraumatic Headache In Discharged Emergency Department Patients: *Academic Emergency Medicine*, 2015

146. 146.K Blythe, D Wang, T Polk, D Johnson, J Murphy, B McCormick, A Webb, A Horn, **D Milzman**. Helmet Design and Hits to The Head: Analysis of NFL Tackling 1951-Present: *Medicine & Science in Sports & Exercise* 2017;49(5s):1096

147. 147.Neustadt A, **Milzman D**, Tannebaum, Z, Lincoln, A, Altman, J. Fighting in The NHL 5 Year Review: Fists of Fury but Few Concussions, Believe It! *Medicine & Science In Sports & Exercise*: 2018;50(5s) 1070.

148. 148. **Milzman D**, Neustadt A, Neustadt A, Larkin G. Reporting Persons with Mental Health Issues: Prospective Study on Gun Control Innovation. *Annals of Emergency Medicine*, 2018;72, (4): S3

149. 149.**Milzman, D**, Davis-Allen, Peter, Li, Jason, Meltzer, Andrew, Paik, Matthew. Minimizing Interruptions In CPR: Intubate Anyway! *Critical Care Medicine* 2019;47:628

150. 150.**Milzman, D**, Paik, Matthew, Neustadt, Aidan, Pourmand, Ali. Intra-Articular Lidocaine Versus IV Conscious Sedation for Closed Reduction of Shoulder Dislocation. *Critical Care Medicine*:2019;47: 620.

151. 151.Hamam M, Miller J, France J, Otero R, Swor R, Paxton JH, O'Neil BJ, Brent C, Neumar RW, Dunne R, Klausner HA, and **Milzman D**. Intraosseous drug administration is associated with lower survival in out-of-hospital cardiac arrest. *Acad Emerg Med* 2019; 26:S155.

### Major Invited Speeches

1. **Milzman, D.**, Department of Emergency Medicine, Georgetown University Medical Center, Washington DC, August 1991
2. **Milzman, D.**, Department of Nursing, Georgetown University Medical Center, Washington DC, August 1991
3. **Milzman, D.**, Trauma Conference, Georgetown University Medical Center, Washington DC, November 1991
4. **Milzman, D.**, Department of Emergency Medicine, Georgetown University Medical Center, Washington DC, January 1992
5. **Milzman, D.**, Maryland Shock Trauma, Baltimore MD, May 1992
6. **Milzman, D.**, Department of Anesthesia, Georgetown University Medical Center, Washington DC, January 1993
7. **Milzman, D.**, Greater Laurel General Hospital, Laurel MD, May 1993
8. **Milzman, D.**, Ft. Washington Hospital, Ft. Washington, MD, October 1993
9. **Milzman, D.**, Department of Surgery and Emergency Medicine, Sunnybrook Health Center Toronto Canada, April 1994
10. **Milzman, D.**, Department of Emergency Medicine, Georgetown University Medical Center, Washington DC, August 1994
11. **Milzman, D.**, Metro (DC-MD-VA) BioEthics Consortium, Arlington (VA) Hospital, Arlington VA, November 1994
12. **Milzman, D.**, Georgetown Critical Care Lecture Series, Georgetown University Medical Center, Washington DC, February 1995
13. **Milzman, D.**, Department of Emergency Medicine, Georgetown University Medical Center, Washington DC, August 1995
14. **Milzman, D.**, Department of Anesthesia, Georgetown University Medical Center, Washington DC, October 1995
15. **Milzman, D.**, Department of Emergency Medicine, Georgetown University Medical Center, Washington DC, June 1996
16. **Milzman, D.**, Grand Rounds, Cook County Hospital, Chicago IL, July 1996
17. **Milzman, D.**, National Trauma Symposium, Baltimore, MD, November 1996
18. **Milzman, D.**, Sponsored Research Symposium, Society of Critical Care Medicine, San Diego CA, February 1997
19. **Milzman, D.**, Department of Emergency Medicine Grand Rounds, John Hopkins University Hospital, Baltimore MD, March 1997
20. **Milzman, D.**, Medical Student Symposium, Society for Academic Emergency Medicine, Washington, DC, May 1997

21. **Milzman, D.**, Department of Emergency Medicine. St. Agnes Hospital–Baltimore, MD, July 1997

22. **Milzman, D.**, Department of Emergency Medicine Grand Rounds, Howard University Hospital, Washington DC, September 1997

23. **Milzman, D.**, Department of Emergency Medicine Grand Rounds, Morristown Hospital, Morristown NJ, April 1998

24. **Milzman, D.**, EM Department Grand Rounds, Cleveland Clinic, Cleveland OH, July 1998

25. **Milzman, D.**, Trauma Section, International Conference on Emergency Medicine, Vancouver, Canada, March 1999

26. **Milzman, D.**, Integrating EM into Med School Curriculum, SAEM Lunch Moderator, Boston MA, May 1999

27. **Milzman, D.**, Treating the Medically Complicated patient and Office Emergencies, DC Dental Society, Washington DC, September 1999

28. **Milzman, D.**, New Treatments in Heart Failure, Providence Hospital Grand Rounds, Washington DC, October 1999

29. **Milzman, D.**, ED Interventions and Leading Edge of Resuscitations, Providence Hospital Grand Rounds, Washington DC, February 2000

30. **Milzman, D.**, Critically Reading the Medical Literature, Devising Research, Keynote for Research Conference, Providence Hospital Internal Medicine Grand Rounds, Washington DC, September 2000

31. **Milzman, D.**, Critically Reading the Medical Literature, Devising Research, Keynote for Research Conference, Providence Hospital Internal Medicine Grand Rounds, Washington DC, March 2001

32. **Milzman, D.**, Hyperlacatemia in Shock Southeastern SAEM Research Conference, New Orleans LA, March 2001

33. **Milzman, D.**, Trauma Grand Rounds: Trauma Airways, George Washington University Medical Center, Washington DC, April 2001

34. **Milzman, D.**, Critically Reading the Medical Literature, Devising Research, Keynote for Research Conference, Providence Hospital Internal Medicine Grand Rounds, Washington DC, June 2001

35. **Milzman, D.**, Emergency Medicine Grand Rounds, Maricopa County Medical Center, Phoenix AZ, July 2001

36. **Milzman, D.**, Abstract presentation Moderator: 2 Sessions, ACEP Annual Meeting Abstract, New Orleans, October 2001

37. **Milzman, D.**, Cardiac Failure and Physiology Senior Medical Class Course, Georgetown University School of Medicine, Washington DC, December 2001

38. **Milzman, D.**, Fourth Year: Treatment of Heart Failure and Cardiogenic Shock, Georgetown University School of Medicine, Washington DC, December 2001

39. **Milzman, D.**, Cardiac Failure and Physiology Senior Medical Class Course, Georgetown University School of Medicine, February 2002

40. **Milzman, D.**, First Year Physiology–Cardiac Function and Heart Failure, Georgetown University School of Medicine, February 2002

41. **Milzman, D.**, Discussant, MidAtlantic SEAM research Conference, Baltimore MD, April 2002

42. **Milzman, D.**, Fourth Year: Treatment of Heart Failure and Cardiogenic Shock, Georgetown University School of Medicine, Washington DC, December 2002

43. **Milzman, D.**, Trauma Initial Care and Heart Failure Resuscitation, Howard University EM Residency, Washington DC, February 2003

44. **Milzman, D.**, First Year Physiology–Cardiac Function and Heart Failure, Georgetown University School of Medicine, February 2003

45. **Milzman, D.**, Trauma Initial Care and Heart Failure Resuscitation, Howard University EM Residency, Washington DC, August 2003

46. **Milzman, D.**, Fourth Year: Treatment of Heart Failure and Cardiogenic Shock, Georgetown University School of Medicine, Washington DC, December 2003

47. **Milzman, D.**, Oral Presentations: Moderator and Discussant, MidAtlantic SAEM Meeting, Washington, DC, Feb 2003

48. **Milzman, D.**, EM Residency Program, Morristown Hospital, Morristown NJ, January 2004

49. **Milzman, D.**, First Year Physiology–Cardiac Function and Heart Failure, Georgetown University School of Medicine, Washington DC, February 2004

50. **Milzman, D.**, Oral Presentations: Moderator and Discussant, SAEM MidAtlantic Research Meeting, Philadelphia, PA, March 2004

51. **Milzman, D.**, Fourth Year: Treatment of Heart Failure and Cardiogenic Shock, Georgetown University School of Medicine, Washington DC, April 2004

52. **Milzman, D.** Heart Failure Chronic Decompensation and Patient Recidivism Washington Hospital Center, Washington DC, August 2004

53. **Milzman, D.**, First Year Physiology–Cardiac Function and Heart Failure, Georgetown University School of Medicine, Washington DC, February 2005

54. **Milzman, D.**, Invited Panelist, American College of Cardiology, Orlando FL, March 2005

55. **Milzman, D.**, Fourth Year: Treatment of Heart Failure and Cardiogenic Shock, Georgetown University School of Medicine, Washington DC, April 2005

56. **Milzman, D.**, Uncontrolled Traumatic Hemorrhage Department of Emergency Medicine, Medical College of Virginia, Richmond, VA, April 2005

57. **Milzman, D.**, Oral Presentations: Moderator and Discussant, MidAtlantic SAEM Meeting, Charlottesville VA, 2005

58. **Milzman, D.**, Abstract presentation Moderator: 3 Sessions, ACEP Annual Meeting, San Francisco, CA, September 2005

59. **Milzman, D.**, First Year Physiology–Cardiac Function and Heart Failure, Georgetown University School of Medicine, February 2006

60. **Milzman, D.**, EM residency program, Georgetown University / WHC, Washington DC, August 2006

61. **Milzman, D.**, Oral Presentations: Moderator and Discussant, MidAtlantic SAEM Meeting, DE, 2006

62. **Milzman, D.**, Abstract presentation Moderator: 3 Sessions, ACEP Annual Meeting, San Francisco, CA, October 2006

63. **Milzman, D.**, Electrolyte emergencies, EM Residency, Georgetown/WHC, Washington, DC, December 2006

64. **Milzman, D.**, Trauma Conference, Monthly Joint Conference EM and Surgery Residency, Washington, DC, 2007

65. **Milzman, D.**, First Year Physiology—Cardiac Function and Heart Failure, Georgetown University School of Medicine, Washington, DC, February 2007

66. **Milzman, D.**, Abstract presentation Moderator: 3 Sessions, ACEP Annual Meeting, San Francisco CA, October 2007

67. **Milzman, D.**, Teaching Art: Anatomical Drawing for Medical Students, Georgetown University School of Medicine First Year Selective (10 weeks), Washington, DC, Annually 2008 - 2014

68. **Milzman, D.**, First Year Physiology—Cardiac Function and Heart Failure, Georgetown University School of Medicine, Washington, DC, February 2008

69. **Milzman, D.**, Trauma Conference, Monthly Joint Conference EM and Surgery Residency, Washington, DC, March 2008

70. **Milzman, D.**, EM Residency Program Grand Rounds, Penn State, Hershey PA, April 2008

71. **Milzman, D.**, Trauma Conference, Monthly Joint Conference EM and Surgery Residency, Washington, DC, May 2008

72. **Milzman, D.**, Advances in Brain Injury, EM Residency, Georgetown/WHC, Washington, DC, June 2008

73. **Milzman, D.**, Abstract presentation Moderator—2- 3 sessions Annually, ACEP Annual Meeting, Chicago, IL, Orlando, FL, Seattle, WA, San Francisco, CA, San Diego, CA, Boston, MA, Las Vegas, NV, Washington, DC, October 2008–2017

74. **Milzman, D.**, Electrolyte emergencies, EM Residency, Georgetown/WHC, Washington, DC, December 2008

75. **Milzman, D.**, Snake Bite Envenomation, Georgetown University School of Medicine, Washington, DC, January 2009

76. **Milzman, D.**, Update on Concussion Diagnosis, Treatment, Emergency/Critical Care Controversies Conference, Park City, Utah, March 2009 - Present

77. **Milzman, D.**, Vent management, Critical Resuscitations, GU Trauma, Acute Renal Injury Advances, EM Residency, Georgetown/WHC, Washington, DC, November & December 2008, January 2009, April 2009 - 2016

78. **Milzman, D.**, Trauma Care for the Emergency Physician, Detroit Receiving EM and Surgery Residency Program, Detroit, MI, September 2009

79. **Milzman, D.**, Research Seminar (12 lectures), Georgetown University Post –Baccalaureate Program (12 lectures), Washington, DC, January–Jun 2010

80. **Milzman, D.**, Snake Bite Envenomation, Georgetown University School of Medicine, Washington, DC, January 2010

81. **Milzman, D.**, Monthly Trauma rounds lectures and M&M, EM and Surgery Residency Program Washington Hospital Center, Washington, DC, September 2010 - present

82. **Milzman, D.**, Traumatic Hypothermia Resuscitation, Georgetown University School of Medicine, Washington, DC, November 2010

83. **Milzman, D.**, Critical Care in the ED, Critical Care IM Fellowship, WHC, Washington, DC, February 2011

84. **Milzman, D.**, KeyNote Address, MidAtlantic SAEM Research Conference, SAEM, Washington, DC, April 2011

85. **Milzman, D.**, Concussion Care in the ED: No CT Needed, Controversies in Emergency Care, Maui, Hawaii, December 2014

86. **Milzman, D.**, Basic Science Nuts and Bolts of TBI, Concussion Care and Follow UP Treatment, Wayne State Annual Brain Injury conference, Detroit, MI, presented annually, 2014 - 2016

87. **Milzman, D.**, ACEP Research Forum Annual Wrap UP, Best Research Presentation Review, ACEP Annual Research Forum, Seattle, WA, October 2014 -

88. **Milzman, D.**, Zen of Healthy Cooking (Diet and Cooking Class) for First Year Medical Students, Georgetown University Post Baccalaureate Program, Washington, DC, Annually 2015 - 2017

89. **Milzman, D.**, Concussion Care in the ED: No CT Needed, Controversies in Emergency Care, Maui, Hawaii, December 2015

90. **Milzman, D.**, Concussion Care in the ED: No CT Needed, Controversies in Emergency Care, Maui, Hawaii, December 2016

91. **Milzman D** New Treatments for Ankle Sprains, US Medical Soccer Annual Symposium, Long Beach CA, Feb 2017

92. **Milzman, D.**, Community Paramedicine, University of California Irvine, Irvine, CA, March 2017

93. **Milzman, D.**, TBI/ Concussions Treatment Update for EM, Florida Atlantic University School of Medicine and EM Residency, Boca Raton, Florida, August 2017

94. **Milzman, D.**, Emergency First Aid / Stop the Bleed/ BLS, First year Medical Student Class (Orientation program) 204 students 6 sessions/ Day, Georgetown University School of Medicine, Washington, DC, 2004–Present

95. **Milzman D** Turf VS Grass Ankle Injuries, US Medical Soccer Annual Symposium, Long Beach, CA, Feb 2018

96. **Milzman, D.**, Biology Clinical Research Methodologies, (15 lectures/Semester and 6 lab sessions), Georgetown University Post Baccalaureate Program, (2 semesters Annually), September 2006–Present

97. **Milzman, D.**, Emergency Medicine Senior Clerkship Didactic Lectures (flipped Classroom), Clinical Correlations in Abdominal Pain, Trauma, Chest Pain and Resuscitation, (11 lectures, annually) 4 hrs/ Month, 2010–2018

98. **Milzman D** NCAA Injury Update George Washington Grand Rounds Dept of Emergency Medicine, Washington, DC, May 2018

99. **Milzman D** Concussion Injuries Turf VS. Grass fields, US Medical Soccer Annual Symposium, Long Beach, CA, Feb 2019

100. **Milzman D** Sepsis 3 Update: Changes and Outcomes, United Medical Center Hospital Grand Rounds, Washington, DC, May 2019.

101. **Milzman D** Military Medicine and PreHospital Care, UMASS Dept Emergency Medicine Grand Rounds, Worcester, MA, November 2019

102. **Milzman D** US Joint Military Deployment Javit Center Medical Grand Rounds, April 2020

103. **Milzman D** Merritus Medical Center Hagerstown MD  
Annual Trauma Symposium Keynote Dec 2023

103. Milzman D U Missouri KC Surgery Grand Rounds Trauma Myths in 2023  
Feb 2023

103. Milzman D Grand Rounds U Missouri Dept of Surgery July 2023

104. Milzman D Merritus Medical Center Annual Trauma Symposium Dec 2023 Geriatric Trauma Overview

## **Presentations of Abstracts: Original Research)**

1. VA ACEP Annual Conference, VA Beach, (podium presentation), August 1987.
2. Society for Academic Emergency Medicine Annual Scientific Assembly, San Diego, 2 Posters, May 1989.
3. American College of Emergency Physicians Scientific Assembly, Washington, DC (poster), September 1989.
4. VA ACEP Winter Conference, Wintergreen, VA, (podium presentation), February 1990.
5. National Trauma Symposium, Baltimore, (podium presentation), March 1991.
6. National Association of EMS Physicians, Houston, (podium presentation), June 1990.
7. National Trauma Symposium, Baltimore, (2 podium presentations), March 1991.
8. 7th World Congress on Emergency and Disaster Medicine, Montreal, (2 oral presentations), May 1991.
9. Society for Academic Emergency Medicine, Annual Scientific Assembly, Wash, DC, (poster), May 1991.
10. American Association for the Surgery of Trauma, Philadelphia, (1-oral, 1-poster), September 1991.
11. Pan-American Trauma Society, Buenos Aires, (podium presentation), November 1991.
12. National Trauma Symposium, Baltimore, (oral), March 6 -8, 1992
13. International Conference on Emergency Medicine Bi-Annual World Assembly, (oral-3), May 7 - 10, 1992
14. American Trauma Society, Annual Meeting, McLean, VA (2 - oral, 1- poster), May 6 - 9, 1992
15. Society of Academic Emergency Medicine Scientific Assembly, Toronto (3- oral, 1 - poster), May 27-30, 1992
16. National Association of EMS Physicians Scientific Assembly, Pittsburgh (oral and poster), June 17-21, 1992
17. Society of Critical Care Medicine Scientific Assembly, San Antonio, (oral presentation), May 25-27, 1992
18. International Conference on Asthma and Asthma Management, Crystal City, VA. (poster discussion), October 10-12, 1992
19. Southern Medical Association, Scientific Assembly. San Antonio, (2-oral, 1-exhibit), November 12-14, 1992
20. 8th World Congress on Emergency and Disaster Medicine, Stockholm, (poster discussion), June 20-23, 1993
21. National Association of EMS Physicians, Scientific Assembly, Minneapolis, June 10-13, 1993
22. Royal Society of Emergency Medicine/Society of Academic Emergency Medicine; Combined Biannual Meeting, Cambridge, England, (poster discussion), September. 15-18, 1993
23. Society of Critical Care Medicine Annual Educational and Scientific Symposium, Orlando, (1-Oral, 1-Poster Discussion) February 1994
24. The Critical Path (U. Toronto/Sunnybrook) Trauma Conference Toronto, Ontario. (3 oral presentations), April 1994
25. American Trauma Society, McLean, VA. (Oral presentation), May 1994
26. American College of Emergency Physicians, Orlando, (poster presentation), September 1994
27. Pan American Trauma Society, Cali, Columbia (oral presentation by resident in my place), November 1994
28. Society of Critical Care Medicine, San Francisco, CA (2-poster discussions), February 1995
29. International Trauma Anesthesia and Critical Care Society; Baltimore, MD (oral presentation), May,1995
30. Society of Academic Emergency Medicine, San Antonio, TX (oral presentation), May 1995
31. Southern Medical Society Scientific Meeting, (2 poster), November 1995.
32. Society of Critical Care Medicine, New Orleans (poster), February 1996
33. American College of Emergency Physicians Research Symposium, Cincinnati OH, (oral paper), February 1996,
34. Society for Academic Emergency Medicine, (3-poster presentations), May 1996
35. Annual Scientific Assembly for the American Roentographic and Radiology Society. San Diego, CA (poster discussion), May 1996.
36. National Association of EMS Physicians, Annual Scientific Assembly (oral presentation) July 1996.
37. American College of Emergency Physicians Annual Scientific Symposium. New Orleans, LA (poster discussion), September 1996
38. American College of Emergency Physicians Annual Scientific Symposium. New Orleans, LA (Educational Exhibit), September 1996
39. American Student Medical Association Annual Student Research Competition. Orlando, FL March 1997
40. American Society of Emergency Radiology Annual Scientific Meeting. New Orleans, LA March 1997
41. Society for Academic Emergency Medicine Annual Scientific Assembly. Washington DC, (4 papers, 1 oral presentation), May 1997
42. American Association for Surgery of Trauma Annual Scientific Assembly, Hawaii: (1 paper), September 1997
43. American College of Emergency Medicine Annual Scientific Assembly, (2 posters), October 1997
44. Emergency Medicine Foundation Grant Recipient Presentations; San Francisco, CA (2 grant presentations), October 1997
45. Society of Critical Care Medicine Annual Scientific Assembly; San Antonio, TX (1 poster), February 1998
46. SAEM Western Research Conference; Steamboat Springs, CO (2 oral), January 1998
47. SAEM Mid-Atlantic Research Conference; Charlottesville, VA, (1-oral, 2-posters), April 1998
48. International Conference on Emergency Medicine (bi-annual) Vancouver, BC; (5 papers), March 1998
49. SAEM; Mid-West Research Conference; Columbus, OH; (oral and 2-posters), April 1998
50. SAEM; Northeast Research Conference; New Haven, CT; (oral and posters), April 1998
51. SAEM (Society of Academic Emergency Medicine) Annual Research Symposium; Chicago; (2 posters), May 1998
52. Heart Failure Society Annual Meeting: Boca Raton, FL (3 free papers), September 1998
53. ACEP Annual Research Forum; San Diego; (poster), October 1998
54. Cleveland Clinic heart Failure Symposium (poster), October 1998
55. Society of Critical Care Medicine; San Francisco, CA (4 poster discussions), January 1999
56. International Congress on Heart Disease; Wash, DC, (4 papers), May 1999
57. Southeast Regional SAEM Research Meeting. Atlanta, GA (6 papers for presentation (3 oral)), March 1999
58. Northeast Regional SAEM Research Meeting: Boston, MA (5 papers for presentation) April 1999
59. Mid-Atlantic Regional SAEM Research Meeting: Baltimore, MD (9 Papers for presentation (2 oral)) April 1999

60. Society of Academic Emergency Medicine Annual Scientific Symposium: Boston, MA (4 papers accepted for presentation:2 poster Discussion, 2- Topic selected presentations), May 1999
61. ACEP Annual Research Forum; Las Vegas; NV (9 papers; (1-0ral, 8- Poster Discussion Presentations)), October 1999
62. Society of Critical Medicine Annual Scientific Symposium; Orlando, FL ( 2 Poster Discussions, 3- Posters), February 2000
63. Southeast Regional SAEM Research Meeting. New Orleans, (3 papers for presentation (3 oral)), March 2000
64. Northeast Regional SAEM Research Meeting: Boston, (1 paper for presentation) April 2000
65. Mid-Atlantic Regional SAEM Research Meeting: York, PA; (8 Papers for presentation (1 oral)) April 2000
66. Society of Academic Emergency Medicine Annual Scientific Symposium: San Francisco, CA (2 papers accepted for presentation:1 poster Discussion, 1-oral presentations), May 2000
67. ACEP Annual Research Forum; Philadelphia, PA (7 papers; (1-0ral, 6- Poster Discussion Presentations)), October 2000
68. Society of Critical Care Medicine Annual Scientific Symposium; San Francisco, CA (4 papers accepted (1-Oral presentation, 3 Poster Discussions), February 2001
69. Southeastern SAEM Research Conference; New Orleans, LA (3-oral, 2 poster), March 2001
70. Society of Academic Emergency Medicine Annual Scientific Symposium: Atlanta, GA (2 papers accepted for presentation:1 poster Discussion, 1-oral presentations), May 2001
71. ACEP Annual Research Forum; Chicago, IL (7 papers; (1-0ral, 6- Poster Discussion Presentations)), October 2001
72. Society of Academic Emergency Medicine Annual Scientific Symposium: St Louis, MO (paper accepted for poster Discussion), May 2001
73. ACEP Annual Research Forum; Seattle, WA (4 papers; (4- Poster Discussion Presentations)), October 2002
74. ACEP Annual Research Forum; Boston, MA (3 papers; (3- Poster Discussion Presentations)), October 2003
75. Society of Academic Emergency Medicine MidAtlantic Annual Scientific Symposium: Washington, DC (5-oral Discussions), March 2003
76. ACEP Annual Research Forum; San Francisco, CA (1 poster), October 2004
77. 2004 Society of Academic Emergency Medicine MidAtlantic Annual Scientific Symposium: Washington, DC (11-oral presentation), October 2004
78. 2005 Western SAEM Research Forum (1 poster)
79. 2005 South Eastern SAEM Research Meeting (2 poster presentation)
80. 2005 MidAtlantic SAEM Research Forum, Washington, DC, (10 oral presentations), September 2005
81. 2005 ACEP Annual Research Forum, Washington, DC (5 presentations), September 2005
82. 2006 MidAtlantic SAEM Research Forum, Washington, DC (10 oral presentations), November 2006
83. 2006 ACEP Annual Research Forum, New Orleans, LA (5 presentations), October 2006
84. 2007 SAEM Western Regional Research Conference, Portland, OR (2 oral papers), March 2008
85. 2007 Mid-Western SAEM Regional Conference, Detroit, MI (Moderated Poster), September 2008
86. 2007 ACEP Research Conference, Seattle, WA (1 poster), October 2007
87. 2008 Society of Chest Pain Centers, Orlando, FL (Moderated Poster), April 2008
88. 2008 ICEM San Francisco, CA (6 moderated posters 2 orals), March 2008
89. 2008 SAEM Annual Research Symposium, Washington, DC (Plenary Oral), May 2008
90. 2008 AAST (Trauma) Conference, Hawaii, (Moderated Poster), September 2008
91. 2008 MidAtlantic SAEM Regional Research Conference, Hershey, PA (5 oral paper), September 2008
92. 2008 ACEP Research Forum, Chicago (2 moderated poster), 2008
93. Society Critical Care Medicine Annual Conference, Nashville, TN (3 poster), February 2009
94. 2009 SAEM Western Regional Research Conference, Park City, UT (4 oral), January 2009
95. 2009 SAEM Northeastern Regional Research Conference, Wooster, MA (2 poster), March 2009
96. European congress of Emergency and Critical Care Medicine, Prague, Czechoslovakia (Invited Oral), March 2009
97. 2009 SAEM Annual Research Symposium, New Orleans, LA, (Oral Plenary, 4 poster), May 2009
98. MedStar Annual Resident Research paper competition, mentor on 6 poster presentations
99. 2009 ACEP Research forum, Boston, MA (3 posters), 2009
100. 2010 Society of Critical Care Medicine, Miami FL (3 posters), January 2010
101. 2010 Western SAEM regional Research Conference Sonoma, CA (4 posters 1 oral presentation), March 2010
102. 2010 MidAtlantic SAEM Research Conference Charlottesville, VA (8 oral presentations), April 2010
103. 2010 National SAEM Annual research Meeting Phoenix, AZ (4 posters), June 2010
104. 2010 ACEP Annual Research Conference Las Vegas, NV (4 poster discussion 1 oral), September 2010
105. 2010 Midwest SAEM research Conference Dayton, OH (6 poster presentations), November 2010
106. 2011 Eastern Association of Surgery for Trauma Annual Research Meeting Naples, FL (1 poster discussion), January 2011
107. 2011 Society of Critical Care Medicine Annual Research Meeting, San Diego, CA (1 poster), January 2011
108. 2011 SAEM Western Regional Research Conference, Denver, CO (4 oral presents, and moderator), February 2011
109. 2011 SAEM MidAtlantic Research conference, Wash, DC (Co-Chair of Meeting 23 oral presents (students presenting for me)), April 2011
110. 2011 Society of Academic Emergency Medicine (SAEM), Boston MA (3 oral 3 poster), June 2011
111. 2012 Society of Academic Emergency Medicine (SAEM), Phoenix, AZ (2 oral 2 poster), June 2012
112. 2012 Midwest SAEM research Conference St Louis, MO (4 Oral and 3 poster presentations), September 2012
113. 2013 Society of Critical Care Medicine Annual Research Meeting, San Juan PR (3 poster), January 2013
114. 2013 SEAM MidAtlantic Research Conference, (Chair of Meeting, 16 oral presentations (students presenting for me) and Keynote, Moderator), January 2013

115. 2013 SAEM Annual Research Conference, Atlanta, GA (3 poster), May 2013
116. 2013 European Society for Academic Emergency Medicine Monaco, (Keynote Speaker), September 2013
117. 2013 ACEP Annual Research Conference, Seattle, WA (1 oral and 2 posters), October 2014
118. 2013 North American Brain Injury Association, Miami, FL (3 oral presentations and Moderator), October 2013
119. 2014 Society of Critical Care Medicine Annual Research Meeting, San Francisco, CA (3 poster), January 2014
120. 2014 SAEM MidAtlantic Research conference, Philadelphia PA, (6 oral presentations (students presenting for me) and Keynote), February 2014
121. 2014 Society of Academic Emergency Medicine (SAEM), Phoenix (1 oral 2 poster), May 2014
122. 2014 ACEP Annual Research Conference, Chicago, IL (1 oral 2 poster and Moderator) October 2014
123. 2014 Midwest SAEM Research Conference Detroit, MI (64 oral presentations), September 2014
124. 2015 Society of Critical Care Medicine Annual Research Meeting, Phoenix, AZ (3 poster), January 2015
125. 2015 SAEM MidAtlantic Research conference Washington, DC (Chair of Meeting, 18 oral presentations (students presenting for me)), February 2015
126. 2015 Society of Academic Emergency Medicine (SAEM), San Diego, CA (1 oral 3 poster), May 2015
127. 2014 ACEP Annual Research Conference, Chicago, IL (1 oral, 2 posters, and Moderator) October 2014
128. 2014 Midwest SAEM research Conference, Detroit MI, (64 oral presentations), September 2014
129. 2015 Society of Critical Care Medicine Annual Research Meeting, Phoenix, AZ (3 posters), January 2015
130. 2015 SAEM MidAtlantic Research conference Washington, DC (Chair of Meeting, 18 oral presentations (students presenting for me)), February 2015
131. 2015 Society of Academic Emergency Medicine (SAEM), San Diego, CA (1 oral 3 poster), May 2015
132. 2016 Society of Critical Care Medicine Annual Research Meeting, Orlando, FL (4 oral presentations), February 2016
133. 2016 SAEM MidAtlantic Research conference Washington, DC (Chair of Meeting, 14 oral presentations (students presenting for me)), February 2016
134. 2017 American Medical Society for Sports Medicine Annual Research Conference, San Diego, CA (1 oral 2 poster), May 2015
135. American College of Sport Medicine Annual Research Conference, Denver, CO (1 oral, 2 posters and Moderator) June 2017
136. 2017 Midwest SAEM research Conference, Austin, TX (5 oral presentations), September 2017
137. 2015 Society of Critical Care Medicine Annual Research Meeting, Honolulu, HI (4 Oral Presentations), February 2015
138. 2017 SAEM MidAtlantic Research conference Washington, DC (Chair of Meeting, 16 oral presentations (students presenting for me)), February 2015
139. 2017 Society of Academic Emergency Medicine (SAEM), Orlando, FL (1 oral, 2 poster), May 2017
140. American Dermatological Association Annual Research Meeting, San Diego, CA (1 poster) February 2018
141. Southern Orthopedic Association Annual Research Meeting, Miami, FL, (3 oral papers), October 2017
142. American Medical Society for Sports Medicine Annual Research Meeting, Orlando, FL (3 Oral Papers), April 2018
143. 2018 Society for Academic Emergency Medicine Annual Research Meeting, Indianapolis, IN (4 oral papers), May 2018
144. 2018 American College of Sports Medicine Annual Meeting, Minneapolis, MN (1 Poster), June 2018
145. 2018 Canadian Association of Sports Medicine, Halifax, Nova Scotia, (2 oral papers), 2018
146. 2018 Western Orthopedic Association Annual Research Meeting, Snowmass, CO (4 Oral Paper), 2018
147. 2018 American College of Emergency Physicians Annual Research Forum San Diego, CA (1 plenary Oral, 1 oral paper), 2018
148. 2019 Society Critical Care Medicine Annual Research, San Diego, CA (2 oral papers) February 2019
149. American Medical Society for Sports Medicine Annual Research Meeting, Houston, TX (3 Oral Papers), April 2019
150. 2020 Society Critical Care Medicine Annual Research, Orlando, FL (2 oral papers), February 2020
151. 2020 American College of Sports Medicine Research Meeting, Atlanta, GA (1 oral), June 2020

#### Media Interviews:

1. 65 mph Speed Limit and Highway Mortality, CNN-TV, USA Today Cover Story, March 1990
2. Heat Illnesses, WMAL-TV News (ABC), July 1993
3. The trauma center crisis, National Public Radio, February 1994
4. Testimony before the House Committee on Crime and Questioning, C-SPAN (TV), May 1994
5. Allergy and the Weather, WRC-TV News (NBC), May 1994
6. Poison Center Closures, Today Show (NBC news), June 1994
7. Heat Illness precautions, FOX-TV News, July 1994
8. Emergency Medicine and Television, Washington Post, October 1994
9. Rhino Bullets, Nightline (ABC News), November 1994
10. Do not resuscitate orders in the prehospital situation for DC, Washington Post, December 1994
11. DC Trauma Center Crisis, Washington Post, March 1995
12. Violence Control and Legislative Agenda, National Public Radio, April 1995
13. Heat Illness and Deaths, NBC Radio News, July 1995
14. Heat precautions, Washington Post, July 1995
15. Health Tips for Teens; (5 weekly segments aired), NBC TV: AM News, July- August 1995
16. Health Tips for Teens; (5 weekly segments aired), NBC TV: AM News, July- August 1996
17. DC General Closing and Impact on Trauma Center, Washington Post, April 1997
18. Lightning Strike Injuries at Free Tibet Concert, ABC-TV News, Washington Times, Washington Post, June 1998.
19. Lightning Strike at the Tibet Freedom Concert: The Rescue, Rolling Stone, July 1998

20. Advanced Directives and Prehospital Situations in D.C., WJLA-TV News (ABC), July 1999
21. Violent Injury Epidemic Starts at age 12, Washington Post, February 1999
22. Mosh Pits and Music: A new Dangerous Sideshow Newspaper and Television Interview (Reuters News Service and CNN-TV), October 1999
23. DC EMS Public Hearing, NewsChannel 8 (local), DC EMS Public hearing, October 1999
24. Surviving the Lightning Strike, People (Teen), December 1999
25. Alternative Medicine Use and ED Treatments of complications, 48 Hours ABC TV, June 15, 2000
26. Hockey Puck Injuries to Spectators, Fox Sports, January 2001
27. Hockey Puck Injuries: Spectators at Risk, Reuters News Service, February 2001
28. Follow-up to Mosh pit Study no Change is bad news, Reuters News Service, March 2001
29. Effect of AED on Survival from Cardiac Arrest, Fox News, April 2001
30. Heimlich Maneuver and Patient Safety, Gannet News; October 2001
31. Hockey Puck: Spectator Injuries, Sport Illustrated: April 1, 2002
32. Fan Killed by Hockey Puck and Spectator Risk, Outside the Lines, ESPN, March 25, 2002
33. Fan Killed by Hockey Puck and Spectator Risk, Good Morning America, ABC-TV, March 23, 2002
34. Fan Killed by Hockey Puck and Spectator Risk, ESPN – TV, March 23, 2002
35. Fan Killed by Hockey Puck and Spectator Risk, WJLA-TV (ABC-Washington, DC), March 22, 2002
36. Fan Killed by Hockey Puck and Spectator Risk, CNN, March 24, 2002
37. Fan Killed by Hockey Puck and Spectator Risk, Print Articles: NY Times, Cincinnati Inquirer, Chicago Sun Times, Denver Post (174 other newspapers ran AP story) March 2002
38. Mosh Pit Experiences: The Medical Team, Washingtonian Magazine, April 2002
39. BioTerroism and ED Use, Washington Post, September 2002
40. Mosh Pit Injuries, Reuters News Service, October 2005
41. Hockey Puck Injuries to Fans; Hockey Digest, November 2005
42. Response to DC EMS Problems, Washington Post, April 2008
43. DC City Council Hearings on Emergency Health and EMS, News Channel 8, July 2008
44. DC City Council Hearing on Fire and EMS, DC News Channel 8, City Paper, December 2010
45. DC EMS City Council Hearings NewsChannel 8, City Paper Feb 2011
46. DC City Council Hearings on Fire Chief Ken Ellerbe, News Channel 8 and Washington Post, April 2012
47. Hockey Fights in the NHL and Injuries, Globe and Mail, Toronto, October 2013
48. Hockey Fights and Concussion, Quebec Sports Channel, February 2014
49. Disaster Response Nepal Earthquake, Science, April 2015
50. Medical School Admissions, US NEWS AND WORLD REPORTS April 2015
51. Bicycle Crashes and Increasing Injury Rates, NY Times, October 2017