

Professional Curriculum Vitae and Bibliography

Matthew J. Geraci, PharmD, EOD

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PERSONAL INFORMATION

Hometown – Humble, Texas
Citizenship - United States

PRESENT ACADEMIC RANK AND POSITION

Baptist Medical Center Downtown Clinical Pharmacist, Emergency Department Post-Graduate Pharmacy Residency Preceptor	2007-Present
University of Florida Assistant Professor of Pharmacy Practice, College of Pharmacy	2008-Present
University of Utah College of Pharmacy Class of 2006 Endowed Scholarship Fund Manager	2006-Present
Nova Southeastern College of Medicine Visiting Professor, College of Nursing, Physician Assistant Program	2008-2011

EDUCATION

Mayo Clinic , Jacksonville, Florida Post-Doctoral Pharmacy Practice Residency	2007
University of Utah , Salt Lake City, Utah Doctorate of Pharmacy	2006
West Point (United States Military Academy) , West Point, New York. Baccalaureate of Science, Physics/Nuclear Engineering	1994

CERTIFICATIONS

American Heart Association Basic Life Support	1994 - Present
American Heart Association Advanced Cardiac Life Support	2005 - Present
American Pharmacists Association (APhA) Pharmacy-Based Immunization Delivery Certification	2004

LICENSURE

Florida	Pharmacist, PS41511	2006 - Present
Utah	Pharmacist/Intern	2003-2006

HONORS/AWARDS

NASA Astronaut Selection Quarterfinalist, Rated "Highly Qualified"	2008-2009
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Nominee, American Society of Health-System Pharmacists Research & Education Foundation's 2009 Award for Innovation in Pharmacy Practice	2009
Invited Keynote Speaker University of Utah White Coat Ceremony	2008
University of Utah Alumni Association's Outstanding Graduate Award	2006
TEVA Pharmaceuticals Outstanding Doctor of Pharmacy Student Award	2006
University of Utah College of Pharmacy Outstanding Service Award	2006
University of Utah College of Pharmacy Leadership Award Recipient	2005
Director Operation Backyard Charity Fund Raiser, University of Utah	2005
Master Fitness Trainer, US Army	1994
Eagle Scout, Boy Scouts of America	1989

MILITARY SERVICE

Overview

West Point Graduate, 1994
 Active Duty Army Officer, 1990-2003
 Duty: Explosive Ordnance Disposal (EOD) Officer (Bomb Squad)
 Veteran of campaigns in Kuwait and Kosovo
 Highest rank attained: Major
 Reserve Army Officer 2003-2008 (Honorable Discharge)

Military Leadership & Experience

- **Active Duty Training Officer** responsible for training US Army Reserve Units across Utah, Idaho, Montana, and Wyoming for real-world missions and deployment. Developed and implemented tailored training to various units based on experience, intelligence, and current doctrine. Worked as part of a multi-functional team to ensure cross training on all required skills. 2001-2003

- **Commander** of a world-wide deployable military explosive ordnance disposal (EOD) unit (Bomb Squad). Responsible for the health and welfare of a 30 man company and their families on a remote military installation. Managed and maintained \$2 million worth of equipment and managed a \$30,000 annual operating budget. Primary mission to protect soldiers and civilians from death and injury due to unexploded ordnance (UXO) and improvised explosive devices (IEDs). Provided direct support and emergency response to 42% of the nation's chemical weapons stockpile at Tooele Army Depot and Dugway Proving Grounds. Provided direct support to the United State Secret Service (USSS) and the State Department during protective details for the President, Vice-President, and other dignitaries of State; as well as public safety authorities in Utah, Wyoming, Idaho and Nevada, over 250,000 sq miles. Hand selected to lead EOD operations in the American Sector of war-torn Kosovo. During the year long deployment under austere combat conditions the company handled 435 incidents involving UXO and IEDs with a 100% safety record. Built and maintained lasting relations with foreign bomb disposal units and established international cooperation where there was previously none. Assisted in establishing a safe and secure area of operations and captured a known Kosovar bomb manufacturer. The unit provided education for over 5000 local nationals and children on UXO/IED awareness. Commended by the US Navy for intelligence reports submitted on previously undocumented weapons systems. Credentialed with the USSS and held a Top-Secret-Secret Compartmentalized Information clearance (TS-SCI). 1999-2001

- Selected ahead of peers for advanced military schooling and training to include 1998-1999

Combined Arms and Services Staff School (CAS³), Combined Logistic Officers Advanced Course (CLOAC)

- **Intelligence Officer** for a 700 soldier logistics battalion. Responsibilities included managing the battalion's security program and all personal security information. Coordinated and securely disseminated TOP SECRET levels of information, reports, and maps. Advised battalion commander on current world events and "hot spots." Managed a 10 soldier section which assisted in the near and long-term planning process for a multifunctional logistics battalion. 1997-1998

- **Executive Officer**, second in command, of a 179 soldier ammunition company supporting the 3rd Infantry Division, the 1/75th Ranger Battalion, and the XVII Airborne Corps. Responsible for daily operations of the Hunter Army Airfield Ammunition Supply Point with an inventory of over \$13 million supporting over 35 customer units. Responsible for the maintenance of the company headquarters vehicles and associated equipment. Also managed company supply, administration, communications, physical training, food operations and budget. 1996-1997

- **Platoon Leader** for a deployable ammunition company. Led, trained, and cared for a 35 soldier unit. Maintained \$1.5 million of organizational and heavy equipment. Daily stateside mission included safe loading and movement of hazardous and explosive material through military and civilian areas. Hand selected to lead platoon on an expeditionary deployment for 5 months situated 10 miles from the Iraq border. Managed and maintained all ammunition and explosives for the Task Force 1-64 Mechanized Task Force. While in Kuwait planned and executed the establishment of a field ammunition supply point. Managed and moved over 1000 tons of ammunition and explosives across the country with 100% accountability and 100% safety record. Established report and coordinated with local civilians and military forces to maintain a safe and secure mission. 1994-1996

Military Awards and Commendations

- Commendation, Department of the Navy - Foreign Weapon Intelligence Reports
- Armed Forces Expeditionary Medal
- Kosovo Campaign Medal
- NATO Medal
- Army Commendation Medal, 3 Oak Leaf Clusters
- Army Achievement Medal, 2 Oak Leaf Clusters
- National Defense Service Ribbon, 2 Oak Leaf Clusters
- Army Service Ribbon
- US Naval Explosive Ordnance Disposal Course Honor Graduate

Military Qualifications

- Combat Lifesaver
- Air Assault Badge
- Explosive Ordnance Disposal, Senior Badge
- Schutzenschnur, Gold (German Expert Marksmanship Award)
- NATO/SWEMATT, Soldier to Child Mine Awareness Instructor
- Bureau of Alcohol, Tobacco, and Firearms (BATF), State Post-Blast Investigator

Military Officer Evaluation Reports

- Rated the Best Qualified ("Top Blocked") on all annual Officer Evaluation Reports from 1994-2002
- Recommended for promotion ahead of peers on all annual evaluation reports from 1994-2002
- Commended for scoring maximum points on the Army Physical Fitness Test from 1994-2002
- Selected ahead of peers for competitive training and advanced schooling

Military Highlights and Appointments

- **Special Agent**, United States Secret Service Technical Services Division. 1999-2001.
- **Instructor**, United Nations Peacekeeping Operations Headquarters. 2000.
- **Advanced Access and Disablement Course**, US Naval Explosive Ordnance Disposal (EOD) School, Indian Head Naval Base, Maryland. 2000.
- **US Naval Explosive Ordnance Disposal (EOD) School**, Indian Head Naval Base, Maryland; Eglin Air Force Base, Florida. 1998-1999 (*Honor Graduate*).
- **Multi-Functional Logistician**.
 - Combined Arms Services and Staff School (CAS³), Ft Leavenworth, Kansas.1998.
 - Combined Logistics Officers Advanced Course (CLOAC), Ft Lee, Virginia. 1998.
- **Alcohol, Tobacco, and Firearms (ATF) Post-Blast Forensic Investigator Course**. 1999.

HAZMAT Certifications:

- Hazardous Waste Operations and Emergency Response Course (OSHA approved)
- Resource Conservation and Recovery Act (RCRA) Environmental Course
- Defense Packaging of Hazardous Materials Course/Performance Oriented Packaging (POP)
- Unit Movement Officer Deployment Planning Course
- Certified to work in multiple personal protective equipment (PPE) set-ups (SCBA, rebreather)
- Handled and destroyed live nerve agent and mustard gas munitions under emergency protocols

PREVIOUS PROFESSIONAL POSITIONS AND MAJOR APPOINTMENTS

- **Chair, Emergency Preparedness Committee** 2009-2011
Florida Society of Health-System Pharmacists (FSHP)
- **Editorial Board Member**, International Journal of Emergency Medicine 2010-Present
- **Voting Member**, Critical Infrastructure Committee 2009-Present
State of Florida, State Working Group, Region 3
- **Team Member**, Region 3, State of Florida, Disaster Medical Assistance Team (DMAT) 2009-Present
- **Speakers Bureau** 2008-Present
Florida Society of Health-System Pharmacists (FSHP)
- **Advisor to Senator Orin Hatch**. 2005-2006
All-Service Military Academy Admissions Committee.
Primary Interviewer. Salt Lake City, Utah.
- **Pharmacist/Pharmacist Intern** 2003-2006
Intermountain Health Care Hospital System
Utah Regional Medical Center, Provo, Utah
Cottonwood Apothecary, Murray, Utah

PROFESSIONAL & COMMUNITY MEMBERSHIPS, SOCIETIES AND SERVICES**Professional Memberships & Services**

- Boy Scouts of America
 - National Eagle Scout Association Life Time Member
 - Invited Speaker 2010
 - Guest Instructor 2002-2006
 - Philmont Ranger/Wilderness Survival Instructor 1993
 - Eagle Scout 1989
- West Point Alumni Association 1994-Present
- West Point Association of North Florida 2007-Present
- American Academy of Clinical Toxicology 2010-Present
- Florida Society of Health System Pharmacists, Member 2007-Present
 - Speakers Bureau 2008-Present
 - Chair, Emergency Preparedness Council 2009-2011

Operation Back Yard Endowed Scholarship, Fund Creator/Manager	2006-Present
American Heart Association	2007-2010
American Society of Health-System Pharmacists (ASHP)	2005-Present
American Pharmacists Association (APhA)	2002-2007
Invited Reviewer. Epileptic Disorders	2011-2012
Invited Reviewer. Human and Experimental Toxicology	2010-Present
Invited Reviewer. International Journal of Emergency Medicine	2009-Present
Invited Reviewer. Current Urology	2009-2010
Invited Reviewer. Medical Science Monitor	2008-2009
Reviewer. Pharmacotherapy	2008-2010
Reviewer. The Annals of Pharmacotherapy	2006-2010
Director, American Pharmacists Association (APhA) Patient Counseling Challenge	2004
Vice-President for Membership, University of Utah APhA Chapter	2003-2004
Volunteer Counselor, Camp Wyatt Asthma Camp, Utah Lung Association,	2003

EDUCATIONAL ACTIVITIES

A. Curriculum/Course Development

Nova Southeastern College of Medicine, Physician Assistant Program; Jacksonville, FL	2008 - 2011
-Pharmacodynamics (PAJ 5001)	
Bioavailability and Bioequivalence	
Clinical Trials and Vulnerable Subjects	
-Pharmacology I (PAJ 5410)	
Antihypertensive Agents	
Drugs of Ischemic Heart Disease	
-Pharmacology II (PAJ 5420)	
Drugs of Emergency Medicine	
Drug Interactions: Avoidance in the Emergency Department	
Pharmacology Curriculum, member of development committee; In process of enhancing and teaching of clinical pharmacology across two didactic years of physician assistant schooling.	
ACLS Medication Review	8/2010
- ACLS medication review class with select Life Flight personnel and Emergency Department Staff	
Mustard Gas: Imminent Threat, Eminent Danger?	2/2008
1.5 hrs Online Continuing Education Instruction, <i>PharmaCE Inc.</i>	
<i>Accreditation Council for Pharmacy Education (ACPE) # 407-000-08-003-H01.</i>	

B. Teaching

Disaster Preparedness	2007-Present
Annual teaching to hospital pharmacy residents. 6 hour course includes a lecture and active participation in the annual city-wide disaster drill.	
Preceptor, Hospital based experiential program for various universities. 4-week rotation in the emergency department	2007-Present
Preceptor, Hospital based residency program for post-graduate year-1 doctors of pharmacy. 4-week experiential rotation in the emergency department	2007-Present

C. Mentorship - Pharmacy Practice Residents

Individual and Position	Timeframe & Description	Outcomes	Current Status
Melinda Waszak, PharmD; Baptist Resident	2012 – Emergency Medicine Rotation	Completed Emergency Medicine Rotation	Desires clinical practice in peds emergency medicine PGY-2 in Oncology
Christina Carracedo, PharmD; Baptist Resident	2012 – Emergency Medicine Rotation	Accepted for Advanced training PGY-2 Residency	Baptist Medical Center
Charity Wilkerson, PharmD Baptist Resident	2012 – Emergency Medicine Rotation	Completed Emergency Medicine Rotation	PGY-2 in pediatrics
Lyn Villeneuve, PharmD Baptist Resident	2012 – Emergency Medicine Rotation	Accepted for Advanced training PGY-2 Residency	PGY-2 at UCSF
John Cokley, PharmD Baptist Resident	2012 – Emergency Medicine Rotation	Accepted for Advanced training PGY-2 Residency	Completed Residency
Mikka Summerton, PharmD Mayo Clinic Resident PGY-2 Critical Care	2012 – Emergency Medicine/Critical Care elective rotation	Completed Emergency Medicine Rotation	PGY-2 Residency in Critical Care, Ohio State University, OH
Jenny Mason, PharmD Baptist Resident	2011 - Emergency Medicine Rotation/Elective 2 nd month pediatric emergency medicine	Graduated Residency Pursuing further experience in emergency medicine and toxicology	PGY-2 Residency in psychiatry at Veterans Affairs Hospital in Gainesville, FL
Ashley Clark, PharmD Baptist Resident	2011 - Emergency Medicine Rotation	Graduated Residency	PGY-2 Residency in psychiatry in San Francisco, CA
Dana Chiuli, PharmD Baptist Resident	2011 – Emergency Medicine Rotation	Graduated Residency	Pharmacist, Joe DiMaggio Children's Hospital, Hollywood, FL
Michelle Bustemante, PharmD Baptist Resident	2011 – Elective Emergency Medicine Rotation	Graduated Residency	PGY-2 Residency in Pain Management, University of Florida, FL
Jeanne Miller, PharmD Baptist Resident	2011 - Emergency Medicine Rotation	Graduated Residency	Clinical Pharmacist, University of Virginia Hospital, VA
Michelle Edwards, PharmD Baptist Resident	2009 - Emergency Medicine Rotation	Graduated Residency	Clinical Pharmacist, Baptist Medical Center Downtown, FL
Marjorie, Rochette, PharmD Baptist Resident	2009 - Primary Research Advisor Emergency Medicine Rotation	Graduated Residency Mentored resident through resident research project	Clinical Pharmacist, Baptist Medical Center Downtown, FL
Amanda Meyer, PharmD Baptist Resident	2008 - Emergency Medicine Rotation	Remediated rotation, Graduated Residency	Clinical Pharmacist, Winter Haven Hospital, FL

Marissa Davis, PharmD Baptist Resident	2008 - Emergency Medicine Rotation	Graduated Residency	Clinical Pharmacist, Baptist Medical Center Downtown, FL
Maria Pardo, PharmD Baptist Resident	2008 - Emergency Medicine Rotation	Graduated Residency	Pharmacist, Baptist Medical Center Downtown, FL
Timothea Scott, PharmD Baptist Resident	2008 - Emergency Medicine Rotation/Elective 2 nd months pediatric emergency medicine	Graduated Residency	NICU Clinical Pharmacist, Baptist Medical Center South, FL

D. Mentorship - Students

Individual and Position	Timeframe & Description	Outcomes	Current Status
Haesuk Heagney, PharmD Candidate University of Florida	2010 – Advanced Experiential Elective Rotation in Emergency Medicine	Successfully completed rotation. Case study presented on iron overdose patient. Currently assisting with writing a manuscript for submission to a peer- reviewed journal on iron overdose in pregnancy.	PGY-1 Resident in Pharmacy Practice Mayo Clinic College of Medicine, Jacksonville, FL
Adam Mates, PharmD Candidate University of Florida	2010 – Advanced Experiential Elective Rotation in Emergency Medicine	Remediation required for rotation. Student appreciated feedback and successfully met all objectives.	Unknown
Barbara Sona, PharmD Candidate South University	2009 – Advanced Experiential Elective Rotation in Emergency Medicine	Successfully completed rotation.	Unknown
Lida Valentine, PharmD Candidate Mercer University	2009 – Advanced Experiential Elective Rotation in Emergency Medicine	Successfully completed rotation.	Working in retail pharmacy
Star Bedy, PharmD Candidate University of Florida	2009 – Advanced Experiential Elective Rotation in Emergency Medicine	Successfully completed rotation. PGY-1 residency in Atlanta, GA. Pursuing further experience in emergency medicine	PGY-2 Residency in Emergency Medicine at Columbus Hospital in Columbus, OH
Lisa Lorenzo, PharmD Candidate University of Florida	2008 – Advanced Experiential Elective Rotation in Emergency Medicine	Successfully completed rotation. PGY-1 residency at Detroit Receiving Hospital. Pursuing career in emergency medicine	Clinical Pharmacist, Emergency Medicine at Providence Hospital, Southfield, Michigan
Kristen Fleming, PharmD Candidate Mercer University	2008 – Advanced Experiential Elective Rotation in Emergency Medicine	Successfully completed rotation.	Unknown

Jennifer Norman, PharmD Candidate Mercer University	2008 – Advanced Experiential Elective Rotation in Emergency Medicine	Successfully completed rotation.	Unknown
Andy Claybaugh, PharmD Candidate South University	2008 – Advanced Experiential Elective Rotation in Emergency Medicine	Successfully completed rotation.	Working in retail pharmacy
Nathan Seals, PharmD Candidate South University	2008 – Advanced Experiential Elective Rotation in Emergency Medicine	Successfully completed rotation.	Working in retail pharmacy
Brooke Call, PharmD Candidate South University	2008 – Advanced Experiential Elective Rotation in Emergency Medicine	Successfully completed rotation.	Working in retail pharmacy
Sarah Leonard, PharmD Candidate University of Florida	2007 – Mayo Clinic Drug Information Rotation	Successfully completed rotation.	Unknown
Sheena Kursikuni, PharmD Candidate University of Florida	2007 – Mayo Clinic Drug Information Rotation	Successfully completed rotation.	Working in retail pharmacy

INSTITUTIONAL/DEPARTMENTAL ADMINISTRATIVE RESPONSIBILITIES, COMMITTEE MEMBERSHIPS AND OTHER ACTIVITIES

a. Baptist Medical Center Committees and Activities

- System Health & Safety Committee
- Disaster Preparedness Committee
- Pharmacy Resident Education Committee
- System Code Blue/Rapid Response Team Committee
- Emergency Dept/Pharmacy Liaison for Medication Variance
- Senior Emergency Services Committee

b. Information Technology Responsibilities:

- Baptist Health System (4 Hospitals - Downtown, Nassau, South, & Beaches) Secure Intranet Website. Creator, Designer, Webmaster. 2007-Present

-Wolfson Children's Hospital/Baptist Health System Pharmacy Residency Website
<http://www.wolfsonchildrens.org/for-health-professionals/residency-programs/pharm-residency/index.html> Creator, Designer, Webmaster. 2007-Present

c. Emergency Preparedness Coordinator/Facilitator:

- City-Wide Mass Casualty **Drill** – October 2011
- Air Show Collision Mass Casualty **Drill** – October 2010
- Sulfuric Acid Burn Exposures - December & October 2008
- Chlorine Truck-vs-Train **Drill** (Designer/Evaluator) - May 2008
- Incident Commander, T2 Labs Explosion, Ecotane Exposure - December 2007
- Mustard Gas Bomb **Drill** (Designer/Evaluator) - October 2007
- Authored "Code BIO" Mass Vaccine/Prophylaxis Plan for Baptist Medical Center Downtown

PRESENTATIONS

International

Chemical Warfare Agent: Mustard Gas. Geraci MJ. 10/2012
 - Invited Speaker at the North American Congress of Clinical Toxicology (NACCT), American Academy of Clinical Toxicology Annual Meeting. Las Vegas, NV.

Mustard Gas. Geraci MJ, Balali-Mood M. 10/2011
 - Poster Presentation at the North American Congress of Clinical Toxicology (NACCT), American Academy of Clinical Toxicology Annual Meeting. Washington DC.

National

So You Want To Be a Pharmacist... 8/2008
 - Invited Keynote Speaker, University of Utah, College of Pharmacy White Coat Ceremony; Salt Lake City, UT.

The Prevalence of Sodium Bicarbonate Induced Alkalosis in Cardiopulmonary Arrest Patients. Geraci MJ, Klipa D, Heckman M, Persoff J. 12/2006
 - Poster presentation at American Society of Health-System Pharmacists Mid-Year Meeting; Anaheim, CA.

Regional

The Toxicology History Room 10/2011
 Coordinated shipment and presentation of a 30 poster exhibit by international authors. Worked with American Academy of Clinical Toxicology (AACT), National Institute of Health (NIH), and Baptist Medical Center to create this display.

The Pharmacology of Acute Myocardial Infarction 10/2010
General Session, First Coast Preventive Cardiovascular Nurses Association (PCNA). 1 hr Accredited Nursing Continuing Education; Jacksonville, FL.

The Eagle Follows You 10/2010
 Invited Speaker, Boy Scout Troop 227, Fall Court of Honor. Ponte Vedra Beach, FL.

Emergency Preparedness 101: An Introduction.
 - *Emergency Preparedness Session*, North East Florida Society of Health System Pharmacists (NEFSHP) Annual Meeting; Jacksonville, FL. 10/2010
 - *General Session*, Florida Society of Health System Pharmacists (FSHP) Annual Meeting; Orlando, FL. 7/2009

1 hour of Continuing Education, Accreditation Council for Pharmacy Education (ACPE) approval for pharmacists and technicians: # 163-000-09-034-L04-P and 163-000-09-034-L04-T.

** Georgia Department of Health approved for mandatory state CE credit requirements.

Mustard Gas: Imminent Threat or Daily Danger?

- *Emergency Preparedness Session*, North East Florida Society of Health System Pharmacists (NEFSHP) Annual Meeting; Jacksonville, FL. 10/2010
- Toxicology Grand Rounds. Baptist Medical Center Downtown 5/2007
- Toxicology Grand Rounds. Mayo Clinic/St. Luke's Hospital 3/2007

1.5 hrs Continuing Education Instruction, PharmaCE Inc. Accreditation Council for Pharmacy Education (ACPE) # 407-000-08-003-H01.
 ** Georgia Department of Health approved for mandatory state CE credit requirements

ACLS Medication Review

- ACLS medication review with select Life Flight and Emergency Department Staff 8/2010

Woman with Red Urine: Hydroxocobalamin Induced Chromaturia.

- Invited Poster Presentation. Florida Society of Health System Pharmacists (FSHP) Annual Meeting; Orlando, FL. 7/2010

Disaster Preparedness.

- Emergency Preparedness Seminar; Baptist Medical Center Downtown, Jacksonville, FL. 10/2009
1/2008

The Prevalence of Sodium Bicarbonate Induced Alkalosis in Cardiopulmonary Arrest Patients.

- Research results presented at the South East Residency Conference; Athens, GA. 5/2007

Leadership and Pharmacy.

- Mayo Clinic & St Luke's Hospital, Jacksonville, FL. 2/2007

Diuretic Review.

- Mayo Clinic & St Luke's Hospital, Jacksonville, FL. 10/2006

Drug Eluting Stents for the Prevention of Coronary Artery Restenosis: CYPHER-vs-TAXUS.

- The University of Utah College of Pharmacy, Salt Lake City, UT. 2/2006
- The Medical Center of Aurora, Aurora, CO.
- Herman Memorial Hospital, Houston, TX. 11/2006
- Utah Valley Hospital, Provo UT.

Nerve Gas: Pharmacology & Antidotes.

- Chemical Stockpile Education Program (CSEP) HAZMAT Operations Presentation. University of Utah Hospital Emergency and Disaster Preparedness Departments. Salt Lake City, UT. 1/2006

VISITING PROFESSORSHIPS

Nova Southeastern College of Medicine, Physician Assistant Program; Jacksonville, FL 2008-2011

CLINICAL PRACTICE, INTERESTS, AND ACCOMPLISHMENTS

Teaching
 Toxicology
 General Emergency Medicine
 Clinical Nursing Education
 Pharmacy Resident and Student Education (clinical and academic)

Process flow improvement with regards to medications and the emergency department
Research and Publishing
Medication Safety
Leadership

RESEARCH INTERESTS

Emergency Medicine
Drug Interactions
Critical Care
Toxicology

GRANTS AWARDED

Urban Area Security Initiative (UASI) Grant 2009-2010
Brad Elias MD, Matthew Geraci PharmD, Jody Dolan-Aldrich RN, Denise Portera RN.
\$175,000 grant awarded for emergency preparedness equipment. Baptist Medical Center Downtown.

IRB PROTOCOLS

1. Mayo Clinic IRB# 06-006888,
The Prevalence of Sodium Bicarbonate Induced Alkalosis in Cardiopulmonary Arrest Patients
Principle Investigator: Matthew Geraci, PharmD
Co-Investigators: Dusko Klipa, PharmD; Michael Heckman, MS; Jason Persoff, MD
2. Baptist Health IRB #09-0070,
The Impact of Pharmacist Based Smoking Cessation Counseling
Principle Investigator: Marjorie Rochette, PharmD
Co-Investigators: Matthew Geraci, PharmD; Stacey McCoy, PharmD; Beth Briand, PharmD

BIBLIOGRAPHY

Full length, peer-reviewed, original articles

1. Geraci MJ, Brown N, Murray D. Thallium-201 for Cardiac Stress Tests: Residual Radioactivity Worries Patients and Security. *J Emerg Med* 2012 (epub ahead of print).
2. Geraci MJ, Cole M, Davis P. New onset diabetes associated with bovine growth hormone and testosterone abuse in a young body builder. *Hum Exp Toxicol* 2011;30(12):2007-12.
3. Geraci MJ, McCoy SL, Aquino ME. Woman with Red Urine: Hydroxocobalamin-induced Chromaturia. *J Emerg Med* 2011 Apr 27. [Epub ahead of print].
4. Geraci MJ, Peele J, McCoy SL, et al. Phencyclidine false positive induced by lamotrigine (Lamictal[®]) on a rapid urine toxicology screen. *Int J Emerg Med* 2010;3(4):327-31.
5. Geraci MJ, McCoy SL, Crum PM, et al. Antipsychotic-induced priapism in an HIV patient: a cytochrome P450-mediated drug interaction. *Int J Emerg Med* 2010;3(2):81-4.
6. Geraci MJ, Klipa D, Heckman MG, et al. Prevalence of sodium bicarbonate-induced alkalemia in cardiopulmonary arrest patients. *Ann Pharmacother* 2009;43(7):1245-50.
7. Geraci MJ. Mustard gas: imminent danger or eminent threat? *Ann Pharmacother* 2008;42(2):237-46.
8. Aazami R, Clements EA, Cobaugh DJ, et al. ASHP Statement on Pharmacy Services to the Emergency Department. *Am J Health Syst Pharm* 2008;65(24):2380-3.
9. Ferrone M, Geraci M. A review of the relationship between parenteral nutrition and metabolic bone disease. *Nutr Clin Pract* 2007;22(3):329-39.

Editorials

1. Geraci MJ. Shell Picture. Stars and Stripes. 2001 Jan 24: 14.

CDROMS, Audiotapes, Videotapes, Websites

1. Florida Society of Health-System Pharmacists (FSHP) Secure Internet Website. Redesigned emergency preparedness information management. 2010.
2. Baptist Health System (Downtown, Nassau, South, & Beaches) Secure Intranet Website for Clinical Pharmacy Services. Creator, Designer, Webmaster. 2007-Present.
3. Wolfson Children's Hospital/Baptist Health System Pharmacy Residency Website. <http://www.wolfsonchildrens.org/for-health-professionals/residency-programs/pharm-residency/index.html> . Creator, Designer, Manager. 2007-Present

Non peer-reviewed published articles

1. Geraci MJ. Pharmacy Residents Prepare for Emergencies. Baptist Health Care Connection 2011;June.
2. Geraci MJ. Helping Residents Prepare for Emergencies. American Society of Health-System Pharmacists (ASHP) Intersections 2011(Spring):
<http://www.ashpintersections.org/2011/03/helping-residents-prep/>.
3. Geraci MJ. Antidote Overview: CyanoKit (Hydroxocobalamin for Injection) for Cyanide Toxicity. Tablet: Pharmacy and Therapeutics Overview (Baptist Health System) 2008;Apr.
4. Geraci MJ. Pride and Service Start at Home. Pharmacy Student Magazine 2005;July/August.
5. Geraci MJ. Less Bang for the Buck. Army Logistician 2002;July/August
<http://www.almc.army.mil/alog/issues/JulAug02/MS761.htm>.

Abstracts/Posters

1. Geraci MJ, Balali-Mood M. Chemical Warfare Agent: Mustard Gas. Poster Presentation, North American Congress of Clinical Toxicology (NACCT), American Academy of Clinical Toxicology Annual Meeting. Washington DC. Oct 2011.
Poster can be viewed online: <http://toxipedia.org/display/toxipedia/Matthew+J.+Geraci>
2. Geraci MJ. Woman with Red Urine: Hydroxocobalamin-induced Chromaturia. Poster Presentation, Florida Society of Health-System Pharmacists (FSHP) Annual Meeting. Orlando FL. July 2010.

Others

1. Medication Safety Alert: Can't Tell a Book By Its Cover Rings True for Medications. Institute for Safe Medication Practices Safety (ISMP) Alert 2008;13(12).

** Co-submitted story on medication error with intravenous nitroglycerin. Patient arrived to the emergency department on nitroglycerin which was double concentrated. The bottles and labels looked exactly alike with the exception of the numbers. A photo of the bottles and a narrative was published.

2. Designer of the Toxicology History Association's Logo, part of the American Academy of Clinical Toxicology (AACT)

As an active member of AACT and the Toxicology History Room I was consulted to design options for a logo for this new special interest group. I volunteered to assist the group free of charge. Design options can be viewed at: http://theblastingcabinet.com/Logo_Design.html