

## Tatiana Emanuel, PA-C, DMSc, CPAAPA



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### GENERAL INFORMATION

#### ACADEMIC APPOINTMENTS

Assistant Professor/Clinical UT Health San Antonio, Long School of Medicine, Department of Emergency Medicine San Antonio, TX	2020-Present
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Assistant Professor/Clinical UT Health San Antonio, School of Health Professions, Department of Physician Assistant Studies San Antonio, TX	2019-Present
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Specialist UT Health San Antonio, Long School of Medicine, Department of Emergency Medicine San Antonio, TX	2014-2019
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#### EDUCATION

Doctor of Medical Science	University of Lynchburg, Lynchburg, Virginia	2018 – 2019
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#### Specialty: Emergency Medicine

Master of Physician Assistant Studies	UT Health San Antonio, San Antonio, TX	2011 - 2014
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Prerequisites to PA program	Northwest Vista College, San Antonio, TX	2008 – 2011
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Bachelor of Arts in Economics	Institute of International Relations “Perspectiv Chisinau, Moldova	1997 - 2002
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Nursing degree	Republican College of Medicine Chisinau, Moldova	1992- 1997
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#### LICENSES

Texas	PA09227	2014 to current
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DEA	ME 3815872	2014 to current
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#### BOARD CERTIFICATIONS

NCCPA		08/2014
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**REQUIRED CREDENTIALS - SPECIALIZED TRAINING**

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<b>Advanced Trauma Life Support (ATLS) Provider</b>	American College of Surgeons	2016-Present
<b>Advanced Cardiac Life Support (ACLS) Provider</b>	American Heart Association	2014- Current
<b>Pediatric Advanced Life Support (PALS) Provider</b>	American Heart Association	2014 – Current
<b>Basic Life Support (BLS) Provider</b>	American Heart Association	2014 – Current

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**WORK EXPERIENCE**

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**CLINICAL**

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<b>Advanced Practice Provider, Disaster Response - Mobile Medical Unit 2020-Present</b> <i>Emergency Medical Task Force, Southwest Texas Regional Advisory Council (STRAC); San Antonio, TX</i>	2017 - Current
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The most intricate component of an EMTF is the Mobile Medical Unit. Essentially a 16-32 bed deployable Emergency Department, the MMU team is comprised of ER Physicians, ER Nurses, Paramedics and Techs with the appropriate tentage and life-saving equipment to provide emergency care and stabilization capability in austere environments for multiple operational periods. Designed to be rapidly deployable and configurable to incident specific needs, the EMTF MMU is an incredible resource for any impacted jurisdiction.

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<b>Emergency Department Physician Assistant</b> <i>Envision Health; San Antonio, TX</i>	2016 – Present
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Works collaboratively within a multidisciplinary health team, is responsible for providing comprehensive care to both well and ill patients in an Emergency Department setting. Demonstrates a high degree of clinical expertise in working with patients with acute and chronic illnesses. Provides assessment, diagnosis, treatment, management, prevention, care coordination and management of acute and chronic health conditions. Busy community emergency department. Level IV trauma center. Stroke and cardiac center. Credentialed at Metropolitan Methodist, Texsan Methodist, Northeast Methodist

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<b>Urgent Care Physician Assistant</b> <i>Full Spectrum ER; San Antonio, TX</i>	2016-2017
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Fast pace, autonomous environment. Responsible for seeing patients of all ages and acuity, reading X-rays, suturing, I&D, splinting, interpreting ECGs. Appropriate referral to EMS/ED

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<b>Advanced Practice Provider – Physician Assistant</b> <i>UT Health San Antonio, Department of Emergency Medicine @ University Hospital; San Antonio, TX</i>	2014 - Present
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At University Hospital, advanced practice providers evaluate and manage all patient acuities and in all areas of the emergency center. This includes triage, major care, minor care, medical Resuscitation, pediatric ED, and ED observation. Privileges include: Abscess Incision & Drainage, Arterial Puncture, Central Line Insertion, Corneal, Foreign Body Removal, Digital Block Anesthesia, Endotracheal Intubation, Epistaxis Control, Cardiac Pacing/Defibrillation, Insert Thoracostomy Tube, IO, Joint and Fracture Reduction, Joint Aspiration, Laceration Repair, Laryngoscopy, Lumbar Puncture, Nail Removal,

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Nail Trephination, Ocular Tonometry, Paracentesis, Regional Blocks, Slit Lamp Exam, & Thoracentesis

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### LEADERSHIP & ADMINISTRATIVE

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**Lead Advanced Practice Provider** 2019-Present

*UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX*

In addition to clinical responsibilities, works with specific service line's or department's leadership team in daily operations. The job serves as a leader and coordinates efforts of the advanced practice providers within the department. The Lead APP is responsible for taking a leadership role in overall program development and departmental initiatives, processes, and/or changes and encourages multidisciplinary collaboration. This job demonstrates professionalism and effectively facilitates support of the APPs as well as actively participates in organizational committees to ensure alignment of APPs in the overall mission and vision of the institution.

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### EDUCATION LEADERSHIP

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**Course Co-Director, 2020 Emergency Medicine Advanced Practice Provider Retreat** 2019-2020

*UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX*

Increasing Engagement: Invite the organization's stakeholders to contribute their ideas. Team Building: Make time to build connections and develop a more effective team. Planning and Preparation: Develop a roadmap to plan and prepare for the future. Addressing Issues: Discuss issues at a deeper and more thoughtful level than at the office/hospital.

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**Co-Director, Alamo Interprofessional Emergency Medicine Symposium** 2018-2019

*UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX*

The symposium was well attended, providing continuing education to nearly 200 health care professionals. In addition to continuing education, AEMS provided several opportunities for professional and faculty development. These opportunities include course direction, conference planning, curriculum development, podium presentations, and poster presentations. Directors were responsible for planning, curriculum design, speaker engagement, marketing, evaluation, and after action review.

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**Director, Advanced Practice Provider Cadaver Critical Care Skills Lab** 2019 -

*UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX/Center for Emergency Health Services; Spring Branch, TX* Current

The course is providing education to advance practice providers employed by the Department of Emergency Medicine as well as opportunities for performing critical care procedures such as intubations, cryothyrotomy, IO access, IV access, central line placement, thoracotomy, chest tube placement. Director is responsible for planning, curriculum design, trainer engagement, marketing, evaluation, and after action review.

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### AWARDS & HONORS

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**2021 2021 SEMPA EMPA of the Year Award**  
*Society of Emergency Medicine Physician Assistants*  
Peer recognition in the region for providing emergency care.

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**2021 2021 S.A. Best Doctors, Nomination**  
*Scene in S.A.*  
Peer recognition in the region for providing emergency care.

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**2019 Certificate of Merit**

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*University Medical Center Ho Chi Minh City, Vietnam*  
Recognition for outstanding teaching activity at Update on Emergency Nursing. Held at University Medical Center Ho Chi Minh City

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**2019**                    **What a Catch/Clinical Excellence Award**  
*Department of Emergency Medicine UT Health SA; San Antonio, TX*  
Recognition for outstanding clinical practice

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**2019**                    **Team Spirit Excellence Award**  
*Department of Emergency Medicine UT Health SA; San Antonio, TX*  
Recognition for outstanding team support

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## PROFESSIONAL DEVELOPMENT

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### ADMINISTRATIVE

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**Emergency Department Directors Academy (Phase 2);** ACEP’s Emergency Department Directors Academy (EDDA), delivers solutions to ED issues, throughout the series of four phases, from a group of experienced practitioners and management experts. Learners enhance their ED leadership through a series of lectures, breakout sessions, small-group case studies, and independent study. Dallas, TX                    08/2021

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**LEAP Alumni Session:** Leadership Reflections on Strategy, Culture, and Team Development; Virtual                    11/2020

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**LEAP Alumni Session:** Lessons Learned from UT Health's Covid19 Response; Virtual                    09/2020

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**2020 Department of Emergency Medicine Advanced Practice Provider Retreat;** Development of the Team, Transformational Leadership, Character, Strengths; San Antonio, TX                    02/2020

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**Emergency Department Directors Academy (Phase 1);** ACEP’s Emergency Department Directors Academy (EDDA), delivers solutions to ED issues, throughout the series of four phases, from a group of experienced practitioners and management experts. Learners enhance their ED leadership through a series of lectures, breakout sessions, small-group case studies, and independent study. Dallas, TX                    02/2020

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**Leadership Excellence for Academic Professionals (LEAP);** The LEAP Program is sponsored and hosted by UT Health San Antonio and is designed to strengthen our institutional effectiveness by developing people for leadership positions. Participants currently lead teams with operational, business unit, or practice responsibilities, and are identified as likely to move up within their organizations. (10-month program). San Antonio, TX                    08/2019 – 06/2020

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**Rising Leaders Initiative;** Program is sponsored and hosted by UT Health San Antonio and is designed to strengthen our institutional effectiveness by developing people for leadership positions. Participants in entry level leadership roles work together and learn the art of crucial conversations, business aspects of management. (10-month program).                    09/2018 – 07/2019

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### CLINICAL

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<b>Texas Academy of Physician Assistants TAPA 2021 Hybrid Regional CME Conference;</b> TAPA provides high quality educational content and is taught by leading experts in medicine. Round Rock, TX	09/2021
<b>Society of Emergency Physician Assistant Annual Conference;</b> SEMPA 360 provides the highest quality educational content, specifically designed for EMPAs and is taught by leading experts in emergency medicine. Virtual	05/2021
<b>Advanced Trauma Life Support (ATLS) Provider Course;</b> American College of Surgeons - The program teaches you a systematic, concise approach to the care of a trauma patient. The course teaches you how to assess a patient's condition, resuscitate and stabilize him or her, and determine if his or her needs exceed a facility's capacity. It also covers how to arrange for a patient's inter-hospital transfer and assure that optimum care is provided throughout the process. Valid for 4-years, requiring renewal. San Antonio, TX	12/2020
<b>2019 International Conference of Emergency Medicine - Vietnam Society of Emergency Medicine;</b> "Advanced acute medical care for all: challenges and opportunities." The conference gathered hundreds of delegates who are Professors, Doctors, national and international key leaders, management from Ministry of Health, head of ICU department, nurses from hospital across the region. Ho Chi Minh, VN	09/2019
<b>Critical Topics in Emergency Medicine,</b> highest quality educational content, specifically designed for Emergency Medicine and is taught by leading experts in emergency medicine, Huntington Beach, California	07/2019
<b>Critical topics in Medicine;</b> highest quality educational content, specifically designed for Emergency Medicine and is taught by leading experts in emergency medicine, Hawaii	12/2018
<b>Essentials of Emergency Medicine,</b> highest quality educational content, specifically designed for Emergency Medicine and is taught by leading experts in emergency medicine, Las Vegas NV	05/2018
<b>Emergency Trauma Care: Current Topics and Controversies, Volume III;</b> This 5-chapter resource reviews aspects of emergency trauma care that you manage virtually every day: managing traumatic wounds and fractures, utilizing ultrasound in trauma, managing blast injuries and mass-casualty trauma, and utilizing non-opioid analgesics to manage acute traumatic pain. Online 18 AMA PRA Category 1 Credits	03/2018
<b>Society of Emergency Physician Assistant Annual Conference;</b> SEMPA 360 provides the highest quality educational content, specifically designed for EMPAs and is taught by leading experts in emergency medicine. San Antonio, TX	05/2018
<b>Essentials of Emergency Medicine,</b> highest quality educational content, specifically designed for Emergency Medicine and is taught by leading experts in emergency medicine, Las Vegas NV	05/2017
<b>NIH Stroke Scale (NIHSS) Training; National Institute of Health - NIHSS</b> is a systematic assessment tool that provides a quantitative measure of stroke-related neurologic deficit.	03/2017
<b>Advanced Trauma Life Support (ATLS) Provider Course;</b> The program teaches you a systematic, concise approach to the care of a trauma patient. The course teaches you how to assess a patient's condition, resuscitate and stabilize him or her, and determine if his or her needs exceed a facility's capacity. It also covers how to arrange for a patient's inter-hospital	2016 – Present

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transfer and assure that optimum care is provided throughout the process. Valid for 4-years, requiring renewal. San Antonio, TX

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**Emergency Trauma Care: Current Topics and Controversies, Volume II;** Six-chapter resource reviews aspects of emergency trauma care that you manage every day: interpretation of the various practice guidelines, managing the airway in trauma, resuscitation in trauma, traumatic brain injury, radiation in trauma, and pediatric trauma. Online 18 AMA PRA Category 1 Credits 10/2016

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**Essentials of Emergency Medicine,** highest quality educational content, specifically designed for Emergency Medicine and is taught by leading experts in emergency medicine, Las Vegas NV 05/2016

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**Emergency Medicine Bootcamp;** The EM Boot Camp is an intensive 23.5-hour course focused on state-of-the art emergency medicine for PAs, NPs, and PCPs taught by the best faculty in emergency medicine, Las Vegas, NV 09/2015

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**Pediatric Advanced Life Support (PALS) Provider;** American Heart Association - The goal of the course is to aid the pediatric healthcare provider in developing the knowledge and skills necessary to efficiently and effectively manage critically ill infants and children, resulting in improved outcomes. Valid for 2-years, requiring renewal. San Antonio, TX 2014 - Present

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**Advanced Cardiac Life Support (ACLS) Provider;** American Heart Association - The AHA's ACLS course builds on the foundation of lifesaving BLS skills, emphasizing the importance of continuous, high-quality CPR. Reflects science and education from the American Heart Association Guidelines Update for CPR and Emergency Cardiovascular Care (ECC). Valid for 2-years, requiring renewal. San Antonio, TX 2014- Present

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**Basic Life Support (BLS) for the Healthcare Provider;** American Heart Association - AHA's BLS course trains participants to promptly recognize several life-threatening emergencies, give high-quality chest compressions, deliver appropriate ventilations and provide early use of an AED. Valid for 2 years, requiring renewal. San Antonio, TX 2014 - Present

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#### TEACHING

**2020 APP Fellowship Workshop: Launching & Refining Your Programs;** This is the 3rd Annual Joint Conference between the APPAP and APGAP to help promote the development of postgraduate training programs for nurse practitioners and physician assistants. Austin, TX 2020

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#### RESEARCH

**Diagnostic Error in Medicine 13th Annual International Conference —** Transforming Education and Practice to Improve Diagnosis; Develop and reinforce skills in research, practice, education, and policy that will have both short- and long-term effects on improving diagnostic performance. Virtual 10/2020

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**Clinical Safety & Effectiveness (CS&E);** The Clinical Safety and Effectiveness course is a UT System-wide course that concentrates on Quality Improvement and Patient Safety. The course is eight days, eight hours/day over six months. The curriculum emphasizes quality concepts and evidence- based medicine including patient safety, quality improvement, quality tools, teamwork, disclosing adverse events, and return on investment. Projects are selected by clinical leadership to align with the strategic goals of UT Health San Antonio and University Health System. The course is project based, utilizing quality concepts and tools which includes 09/2019-04/2020

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increasing active learning strategies and educate a diverse group of future healthcare academicians.

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## **SERVICE**

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### **PATIENT CARE**

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Provide clinical care in the Emergency Department at the University Hospital System in San Antonio with a complex, high-acuity patient population. UHS is a certified Stroke Receiving Center, STEMI Receiving Center, and Transplant facility that sees over 80,000 patient per year in the emergency department. The UHS ED is a clinical rotation site for many of the areas emergency medical education programs to include UTHSA Emergency Medicine Residency, San Antonio United States Health Education Consortium Emergency Medicine Residency, UTHSA School of Emergency Health Services, San Antonio College EMS Academy, and San Antonio College Nursing Program. At University Hospital, advanced practice providers evaluate and manage all patient acuities and in all areas of the emergency center. This includes triage, major care, minor care, medical Resuscitation, pediatric ED, and ED observation. Privileges include: Abscess Incision & Drainage, Arterial Puncture, Central Line Insertion, Corneal, Foreign Body Removal, Digital Block Anesthesia, Endotracheal Intubation, Epistaxis Control, Cardiac Pacing/Defibrillation, Insert Thoracostomy Tube, IO, Joint and Fracture Reduction, Joint Aspiration, Laceration Repair, Laryngoscopy, Lumbar Puncture, Nail Removal, Nail Trephination, Ocular Tonometry, Paracentesis, Regional Blocks, Slit Lamp Exam, & Thoracentesis. I teach and train advanced practice providers learners (EM Physicians Assistants, EM Physician Assistant residents, and Nurse Practitioners). I assist with medical student and resident clinical mentorship. I provide mentorship to junior faculty, APPs, residents, and students on a regular basis on career development, leadership, and clinical operations.

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### **ADMINISTRATIVE RESPONSIBILITIES**

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In addition to clinical responsibilities, works with specific service line's or department's leadership team in daily operations. The job serves as a leader and coordinates efforts of the advanced practice providers within the department. The Lead APP is responsible for taking a leadership role in overall program development and departmental initiatives, processes, and/or changes and encourages multidisciplinary collaboration. This job demonstrates professionalism and effectively facilitates support of the APPs as well as actively participates in organizational committees to ensure alignment of APPs in the overall mission and vision of the institution.

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### **SERVICE TO THE INSTITUTION**

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<b>Member Department</b>	<b>UHS/UT Emergency Department COVID Taskforce</b> <i>Department UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX</i> This taskforce is charged with developing the University Hospital COVID surge plan and help lead preparedness drills. This taskforce developed alternative treatment sites and developed a response plan that could be easily replicated/executed. This taskforce worked closely with UT employee assistance program to provided resources to department faculty and staff.	2020-Present
<b>Member Department</b>	<b>UHS/UT Emergency Department Patient Experience Taskforce</b> <i>UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX</i> This taskforce is charged with identifying areas for improvement and increasing patient satisfaction in emergency department. This data-driven systems approach aims to improve every aspect of emergency care, improving wait times and throughput, reducing left without being seen rates, improving patient-provider communication, and improving patient satisfaction.	2020 – Present

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<b>Member Department</b>	<p><b>UT Emergency Department Mega POD Planning Work Group</b>  <i>UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX</i></p> <p>This committee was established in order to develop different strategies to expedite patient throughput in the Emergency Department by establishing a novel throughput strategy in ED by developing a mega POD in order to more efficiently utilize treatment space and provider time in the Emergency Department for high acuity patients. This group was selected as an Early Adopter and APP champion.</p>	2020 – Present
<b>Co-Director Department</b>	<p><b>Emergency Medicine APP Retreat Planning Committee</b>  <i>UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX</i></p> <p>The purpose of the retreat was to focus exclusively on strategic issues currently or prospectively facing the practice. The intent was to free people from their day-to-day tasks and challenge them to think more globally, proactively, and intensely without their daily distractions.</p>	2019-2020
<b>Member Department</b>	<p><b>APP Academic Rank Task Force</b>  <i>UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX</i></p> <p>This task force is charged with developing an internal process, for advanced practice providers, to apply for a rank change and enter the professorial pathway. Successfully mentored 2 advanced practice providers to achieve the rank of assistant professor in the school of medicine</p>	2019-2020
<b>Member Department</b>	<p><b>APP Fellowship Workgroup</b>  <i>UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX</i></p> <p>Postgraduate medical training in emergency medicine prepares physician assistants and nurse practitioners for the practice of emergency medicine. EM APP postgraduate programs must teach the fundamental skills, knowledge, and humanistic qualities that constitute the foundations of emergency medicine practice. This committee is tasked with the development and initiation of the program.</p>	2019-2020
<b>Member Department</b>	<p><b>EC Major Care Lean Taskforce</b>  <i>UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX</i></p> <p>Overcrowded EDs cause problems for both hospital patients and staff, such as increased wait times, length of stay (LOS), medical errors, and mortality rates, as well as financial losses to hospitals. This data-driven systems approach aims to improve every aspect of emergency care, improving wait times and throughput, reducing left without being seen rates, and improving patient satisfaction.</p>	2019-2020
<b>Member Department</b>	<p><b>Emergency Department Operations Committee</b>  <i>UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX</i></p> <p>Emergency department operational leadership teams meet monthly to review metrics and address any concerns. This meeting also provides</p>	2019-Present

	oversite for ongoing quality improvement activities. Subgroups of this committees work on improving every aspect of emergency care, improving wait times and throughput, reducing left without being seen rates, quality care delivery, and improving patient satisfaction.	
<b>Co-Director Department</b>	<b>UHS/UT Emergency Medicine Routine HIV testing in ED</b> <i>UHS/UT Health San Antonio, Department of Emergency Medicine; San Antonio, TX</i> This initiative is focused on implementation and monitoring of routine HIV testing in ED, monitoring of results, communicating with navigators from Ryan White Foundation to assist HIV+ patients with access to care and early treatment to help fulfill Fast Track Cities and 90/90/90 goals initiatives	2017-2020
<b>SERVICE TO THE GOVERNMENT</b>		
<b>Physician Assistant State Agency</b>	<b>Texas Emergency Medical Task Force (EMTF) - Mobile Medical Unit (MMU)</b> <i>State Agency Southwest Texas Regional Advisory Council (STRAC); San Antonio, TX</i> The most intricate component of an EMTF is the Mobile Medical Unit. Essentially a 16-32 bed deployable Emergency Department, the MMU team is comprised of ER Physicians, Advanced Practice Providers, ER Nurses, Paramedics and Techs with the appropriate tentage and life-saving equipment to provide emergency care and stabilization capability in austere environments for multiple operational periods. Designed to be rapidly deployable and configurable to incident specific needs, the EMTF MMU is an incredible resource for any impacted jurisdiction.	2019- Present
	<b>Missions:</b>	
	<i>TX, Statewide</i> - State Mission to establish provider contact for COVID + patients without established PCP and assess eligibility for the Administration of Monoclonal antibodies through Federal Emergency Use Authorization. Bamlanivimab is a monoclonal antibody that is specifically directed against the spike protein of SARS-CoV-2, designed to block the virus' attachment and entry into human cells.	2021
	<i>San Antonio, TX</i> - State Mission to establish a <b>Regional Infusion Center</b> for the Administration of Monoclonal antibodies through Federal Emergency Use Authorization. Bamlanivimab is a monoclonal antibody that is specifically directed against the spike protein of SARS-CoV-2, designed to block the virus' attachment and entry into human cells.	2020
	<i>El Paso, TX</i> - MMU mobilization deployed to <b>University Medical Center at El Paso</b> . Team was tasked with establishing as alternate treatment site that functioned as an inpatient unit for COVID patients. This unit was an extension of the hospital services and provided hospital decompression. The team treated 140 patients during the deployment.	2020
	<i>Southeast, TX</i> - MMU mobilization and preparation for <b>Hurricane Laura</b> at the request of Texas Department of Emergency Management and Gov. Abbot. Team was assembled at a regional staging area. The team was eventually stood down as the hurricane changed tracks.	2020

	<i>Eagle Pass, TX</i> - First state mission where EMTF MMU team was deployed to provided medical staff services in the walls of a hospital. Five faculty members from UT Health served on a team at <b>Fort Duncan Regional Medical Center</b> . Faculty provided emergency and critical care services to COVID patients. This rapid deploying team served at a bridge until federal and military resources could be deployed to the COVID surge/crisis.	2020
	<i>San Antonio, TX</i> - Regional mission to call patients who received <b>COVID testing</b> through the STRAC drive through site. Results were reviewed with the patient via the phone. Documentation of each call back was performed in the STRAC portal and database.	2020
<b>PROFESSIONAL ORGANIZATION MEMBERSHIP</b>		
<b>Member National</b>	<b>Texas Academy of Physician Assistants</b> State organization representing physician assistants	2021-Present
<b>Member National</b>	<b>Society of Emergency Physician Assistants (SEMPA)</b> National organization representing emergency medicine physician assistants	2016-Present
<b>Member National</b>	<b>American Academy of Physician Assistants</b> The American Academy of PAs is the national professional society for PAs and advocates and educates on behalf of the profession.	2016 – Present
<b>MENTORSHIP</b>		
<b>Course Facilitator/ Project Mentor</b>	<b>Clinical Safety &amp; Effectiveness (CS&amp;E);</b> This is a UT System course that concentrates on Quality Improvement and Patient Safety. The course last over six months. The course is project based, utilizing quality concepts and tools which includes increasing active learning strategies and educate a diverse group of future healthcare academicians. Projects are selected by clinical leadership to align with the strategic goals of UT Health San Antonio and University Health. Official mentorship provided to Lisa Fitzgerald, Veronica Montemayor, Katherine Raczek, Ellen Robinson, Brittany Teeter, Morgan Spencer.	2020 – Present
<b>Mentor</b>	<b>APPs and Academic Rank;</b> Mentored two advanced practice providers (Ryan Bierle) navigate the rank change process in the school of medicine. This APP was able to submit for rank change from specialist to assistant professor. Mentorship included professional development, CV development, processing rank change paperwork. This process lead to a department taskforce to streamline the process.	2020-Present
<b>Mentor</b>	<b>Career Development;</b> Multiple formal mentorship sessions with current PA faculty for further academic development and career growth. Met in person and via messaging to discuss career goals and development. Provided guidance with job applications and interview tips. Chad, Katie, Lisa, Theresa, David	2018 –Present

<b>Mentor</b>	<b>Career Development;</b> Multiple formal mentorship sessions with graduate PA student with interest in emergency medicine. Met in person and via messaging to discuss career goals. Provided guidance with job applications and interview tips. Kas	2020 -Present
<b>Mentor</b>	<b>Academic Development;</b> Multiple formal mentorship sessions with graduate medical student. Met in person and via messaging to discuss career goals. Provided guidance with academic development, career path and interview tips. Zara	2019 -Present

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## RESEARCH

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### EXPERTISE

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### RESEARCH

<b>Title:</b>	Can Adjunct Use of a Povidone-Iodine Topical Antiseptic Improve Healing Rates in Patients with Skin Abscesses
<b>Study Sponsor:</b>	Microdermis Corporation
<b>Protocol #</b>	
<b>Period</b>	2015-2017
<b>Role:</b>	Sub-Investigator
<b>Detail:</b>	Pilot study to evaluate the adjunct use of a Povidone-iodine topical antiseptic in patients with Soft Tissue abscesses

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### QUALITY IMPROVEMENT

<b>Title:</b>	<b>Evaluation of Blood &amp; Body Fluid Exposures in the ED - Clinical Safety &amp; Effectiveness (CS&amp;E) Project</b>
<b>Protocol #</b>	Exempt
<b>Role:</b>	<b>Co-Investigator - CS&amp;E Course Facilitator</b>
<b>Period:</b>	2020-2021
<b>Detail:</b>	Our project aims to decrease time of HIV result notification for patients with occupational infectious exposures from 4 hours to 2 hours between November 15, 2020 – February 15, 2021.

<b>Title:</b>	<b>EmBrACE (Emergent Breast Abnormality Care and Treatment)</b>
<b>Protocol #</b>	Exempt
<b>Period</b>	2020-2021
<b>Role:</b>	<b>Principal Investigator</b>
<b>Detail:</b>	By August 2021, formally evaluate and refine a novel pathway aimed at decreasing hospital admissions and time to definitive diagnosis by 50%, for unfunded and underserved patients presenting to the emergency department with a breast abnormality, through strategic partnerships and the utilization of hospital affiliated clinics. The following is the clinical question for this evidence-based intervention: (P) For adult female patients presenting to the University Hospital Emergency Department who have a breast abnormality, (I) how would the EmBrACE pathway, (C) compared to routine clinical practice, (O) affect hospital admissions, time-to-diagnosis, cost, and patient satisfaction.

<b>Title:</b>	<b>Standardizing the Care for Low- and Intermediate- Risk Emergency Department Patients with Chest Pain - Clinical Safety &amp; Effectiveness (CS&amp;E) Project</b>
<b>Protocol #</b>	Exempt

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**Period:** 2020  
**Role:** **Co-Investigator**  
**Detail:** We seek to standardize the care received by patients presenting to the emergency department for chest pain. Through standardized use of the HEART score in evaluating patients presenting with chest pain we will improve patient care, decrease utilization of resources and improve patient throughput. We also seek to decrease overall hospital admissions for chest pain. Project AIM: To increase the documentation of a HEART score from 71% to 100% on all patients admitted to EDOU for chest pain and increase documentation from 23% to 75% on all discharged patients seen with a chief complaint of chest pain. We also aim to decrease the number of low risk patients admitted to EDOU from 26% to 5% while simultaneously increasing the number of low risk patients discharged from the ED from 74% to 95%, which will decrease unnecessary admissions to the observation unit.

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**Title:** **Emergent Pathway for Patients presenting to ED with Neck Masses**  
**Protocol #:** Exempt  
**Period:** 2018-Present  
**Role:** **Co-Investigator**  
**Detail:** A novel pathway aimed at decreasing hospital admissions and time to definitive diagnosis by 50%, for unfunded and underserved patients presenting to the emergency department with neck mass, through strategic partnerships and the utilization of hospital affiliated clinics.

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**Title:** **Emergent Pathway for Patients presenting to ED with GI bleed**  
**Protocol #:** Exempt  
**Period:** 2018-Present  
**Role:** **Co-Investigator**  
**Detail:** A novel pathway aimed at decreasing hospital admissions and time to definitive diagnosis by 50%, for unfunded and underserved patients presenting to the emergency department with GI bleed, through strategic partnerships and the utilization of hospital affiliated clinics.

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**Title:** **Emergent Pathway for Patients presenting to ED with Liver Masses**  
**Protocol #:** Exempt  
**Period:** 2018-Present  
**Role:** **Co-Investigator**  
**Detail:** A novel pathway aimed at decreasing hospital admissions and time to definitive diagnosis by 50%, for unfunded and underserved patients presenting to the emergency department with liver mass, through strategic partnerships and the utilization of hospital affiliated clinics.

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**Title:** **Emergent Pathway for Patients presenting to ED with Dental Pain**  
**Protocol #:** Exempt  
**Period:** 2018-Present  
**Role:** **Co-Investigator**  
**Detail:** A novel pathway aimed at decreasing utilization of in-hospital resources and provide access to care for unfunded and underserved patients presenting to the emergency department dental pain through strategic partnerships and the utilization of hospital affiliated clinics.

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## EXTERNAL FUNDING & GRANTS

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**Title:** DxQI Seed Grant  
**Funding Agency:** Society to Improve Diagnosis in Medicine  
**Project #**

**PI:** Tatiana Emanuel, DMSc  
**Status:** Funded  
**Period:** 2020 – 2021  
**Role:** **Principal Investigator, Grant Writer, Project faculty, Subaward**  
**Total Costs:** \$49,995  
**% Effort:** **7.50%**  
**Detail:** Twenty grantees were awarded grants of up to \$50,000 to carry out 12-month diagnostic quality and safety improvement projects. Grantees will be asked to identify opportunities for improvement and potential interventions, evolve the interventions through small tests of change to increase their effectiveness, build the level of evidence supporting the intervention’s effectiveness, and, where appropriate, increase impact through further opportunities to “scale and spread” utilization.

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**Title:** **Implementation of Routine HIV testing in ED**  
**Funding Agency:** **UHS**  
**Project #**

**PI:**  
**Status:** **Funded**  
**Period:** **2019-Present**  
**Role:** **Co-Investigator**  
**Total Costs:**

**% Effort:** **14.25%**  
**Detail:** Focused on implementation and monitoring of routine HIV testing in ED, monitoring of results, communicating with navigators from Ryan White Foundation to assist HIV+ patients with access to care and early treatment to help fulfill Fast Track Cities and 90/90/90 goals initiatives

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## PUBLICATIONS

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### ABSTRACT

Garcia, R., Spenser, M., Bird, C., **Emanuel, T.**, Goettl, B. (2021). An Academic Emergency Department’s Response to the Pandemic, Lessons Learned; National Academies of Practice

Olson, A., Rosenblatt, L., Odette, J., Ren, R., **Emanuel, T.**, Jahangir, K., Schmitz, G. (2017). Can Adjunct Use of a Povidone-Iodine Topical Antiseptic Improve Healing Rates in Patients with Skin Abscesses? American Academy of Emergency Medicine

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### BOOK CHAPTER

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T. Emanuel; M. Killan (2021)  
“Inter-professional Considerations for Emergency Procedures”  
*Essential Procedures for the Emergency, Urgent, and Primary Care Settings 3rd Edn*

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