

CEPC MEETING AGENDA

01:00 PM - 02:30 PM

07/14/2022

CHAIR:

Dr. Irene Alexandraki, MD, MPH, FACP

VOTING MEMBERS:

Colby Genrich, MD; Fatima Gutierrez, MD; Houriya Ayoubieh, MD; Jessica Chacon, PhD, Munmun Chattopadhyay, PhD; Osvaldo Padilla, MD; Patricia Ortiz, MD

EX-OFFICIO:

Lisa Beinhoff PhD; Blake Busey, MS; Linda S. Ellis, MD; Maureen Francis, MD; Tanis Hogg, PhD; Jose Visente Sanchez

STUDENT REPRESENTATIVES:

MS1 (pending); Rowan Sankar MS2 (Voting); Nick Malize MS2 (Ex Officio); Whitney Shaffer MS3 (Voting); Rohan Rereddy MS3 (Ex Officio); Miraal Dharamsi MS4 (Voting); Daniel Tran MS4 (Ex Officio);

INVITED/GUESTS:

Richard Brower, MD, FAAN; Martin Charmaine, MD; Diana Pettit, PhD; Ellen F. Dudrey, MD; Ricardo Belmares, PhD; Lee Rosenthal, PhD; Khanjani Narges, MD; Htay Thwe, MD; Rebecca L. Campos, MD; Curt Pfarr, PhD; Holland Nathan, PhD; Jose Manuel de la Rosa, MD

APPROVAL OF MINUTES

Minutes will be attached.

ITEM I - TOPICS FROM STUDENT REPRESENTATIVES

Presenter(s): Students

ITEM II – PRE-CLERKSHIP SILLABI REVISION

CEPC 07/14/2022



Presenter(s):

ITEM III - CLERKSHIP DIRECTORS UPDATE

Presenter(s): Dr. Francis

OPEN FORUM

ADJOURN

MEMBERS IN ATTENDANCE:

Irene Alexandraki, Colby Genrich, Jessica Chacon, Maureen Francis, Munmun Chattopadhyay, Nick Malize, Lisa Beinhoff, Osvaldo Padilla, Jose Visente Sanchez, Linda S. Ellis, Rowan Sankar, Rohan Rereddy

MEMBERS NOT IN ATTENDANCE:

Tanis Hogg, Blake Busey, Fatima Gutierrez, Miraal Dharamsi, Patricia Ortiz, Whitney Shaffer, Daniel Tran

PRESENTERS/GUESTS IN ATTENDANCE:

Richard Brower, MD, FAAN; Diana Pettit, PhD; Ellen F. Dudrey, MD; Ricardo Belmares, PhD; Rebecca L. Campos, MD; Curt Pfarr, PhD; Holland Nathan, PhD; Jose Manuel de la Rosa, MD, Maria Coteria; Priya Harindranathan

INVITED/GUESTS NOT IN ATTENDANCE:

Lee Rosenthal, PhD, Charmaine Martin MD, Khanjani Narges, MD; Htay Thwe, MD

REVIEW AND APPROVAL OF MINUTES

**Dr. Alexandraki CEPC
Chair**

- Meeting minutes from June 9, 2022 were adopted. Members voted electronically and asynchronously.

ITEM I - TOPICS FROM STUDENT REPRESENTATIVES

Presenter(s): Nick Malize (MS2)

- Nick Malize said that his class met with Dr. Hogg to discuss the curriculum changes for the upcoming year. Dr. Alexandraki commented that Dr. Hogg and course directors emphasized during the meeting that students' input is highly valuable and that leadership is always open to communication with and feedback from students.

Rohan Rereddy (MS3)

- No issues to report

ITEM II – PRE-CLERKSHIP SILLABI REVISION

Presenter(s): Dr. Campos

Medical Skills Syllabus Updates AY22-23

Dr. Campos presented the following changes:

- Open lab – the dates were changed to avoid the conflict with the SPM
- Professionalism - Event Cards process has been updated in regards to the following:
- After 5 minor violations an event card will be issued – examples: not following the dress code; forgetting to wear the ID badge, failing to wear the white coat when required, etc.
- The Absent policy was also clarified – Students are required to provide advanced notification of their absence when it is possible. Course directors, course coordinators and Medical Education Department will receive these notifications.
- Training and Educational Center for Healthcare Simulation (TECHS) – there was a minor update in policy to align with the mask protocol, dress code, and professionalism

Scholarly Activity and Research Program (SARP) AY22-23

Dr. Holland said that the main goal of this course is to engage students in research projects and promote mentorship. He noted that there are no major syllabus changes. Dr. Holland shared the following important dates:

Presenter (s): Dr. Holland

- 19 August 2022 MS1 SARP Orientation/SARP Series
- 16 September 2022 SARP Fall Final Report Due
- 28 September 2022 Poster Creation Seminar
- 30 September 2022 MS1 SARP Series
- Professionalism in research
- 12 October 2022 SARP Fall Symposium Day 1
 - MS1 SARP Student Panel Luncheon
- 02 December 2022 MS1 SARP Series
- 14 January 2023 MS1 CITI and Conflict-of-Interest Trainings Due
- 25 January 2023 MS1 SARP Meet and Greet Luncheon
- 28 January 2023 MS2 and Above SARP Progress Report Due
- 18 March 2023 MS1 SARP Project Plan Part A Due
- 06 -07 April 2023 MS4 SARP Spring Symposium

- 15 April 2023 MS1 Project Plan Part B Due

Scientific Principals of Medicine (SPM III/IV) AY22-23

Dr. Pettit presented the following changes:

Presenter(s): Dr. Pettit

- A number of gaps in the NBME question pool were identified. The proposal was to put together a hybrid exam that will be half in house and half NBME questions.
- Students must score 65% on each parts of the exam in order to pass. If they fail one or both parts they will need to go through the remediation process
- Issues with professionalism were addressed – students who arrive more than 10 minutes late for an assessment would not be allowed to take the test; students need to follow the proctor's instructions. If students argue with the proctor they will have to go through the GPC
- Exam requirements: students should not leave the NBME exam after 10 minutes from the start. The test should not be disseminated in any form to anyone
- Event cards – students with 5 or more event cards might be sent to the GPC. Depending on severity of the infraction student might be sent to the GPC after a single incident
- Unlike last year the students are going to use cadavers

Nick Malize asked for a clarification about the NBME part of the exam. Dr. Pettit explained that if students start taking the exam and after 10 minutes leave, NBME considers that as suspicious behavior, and questions may no longer be secured. As a result students could be banned for taking an NBME exam ever again.

Rowan Sankar asked if there will be any changes to the work case iRAT /tRAT sessions. Dr. Pettit confirmed that work case examples were moved to Tuesday. She added that this matter will be discussed in further detail during the orientation.

Scientific Principals of Medicine (SPM I/II) AY22-23

Dr. Dudley presented the following changes:

Presenter (s): Dr. Dudley

- There will be no iRAT/tRAT component and work case examples were moved to Friday morning.

- Weekly formatives from the in-house material will continue along with a weekly Firecracker quiz
- Each unit will have a summative exam which will be composed of half in-house questions and half NBME questions
- A passing grade requires 65% on in-house exam and 65% on the NBME exam
- Failure of one component will be considered as a failure of the unit and student will have to go through the remediation process

Dr. Francis commented that she is the proctor for our school and asked to be notified if the student becomes ill or need to leave the exam so she can inform the NBME. Dr. Dudrey noted that this was a good point and it should be added to both syllabi.

Dr. Francis asked if the in - house and the NBME exams could be averaged. Dr. Dudrey explained that the practice where both tests are divided and graded separately has been deemed as the best approach. Dr. Pfarr pointed out that this exam cannot be labeled as a hybrid exam because there are clearly two different exams. He suggested that this change can be presented as *two end of Unit summative exams*. Both Dr. Dudrey and Dr. Pettit agreed with Dr. Pfarr's remark.

College Colloquium (CC I&II) AY22-23

Dr. Pfarr said that this year a 5th college will be added. In addition, the college names will be changed from established colors naming to desert plants. Dr. Singh and Dr. Quest will be joining as college mentors. He noted that the biggest change is the strategy for remediation. Dr. Pfarr explained that students will have to provide a short makeup essay on the nominal topic for any absence excused or unexcused, or tardiness before the end of semester.

Presenter(s): Dr. Pfarr

ITEM III - CLERKSHIP DIRECTORS UPDATE

Presenter(s): Dr. Francis

- Dr. Carlin would replace Dr. McLean and become the new SICU clerkship director

- Neurology did not have an assistant clerkship director in the past. Dr. Sheriff is proposed to become an assistant clerkship director for Neurology

OPEN FORUM

Dr. Delarosa thanked Dr. Brower for the invitation to attend the CEPC meetings. He mentioned that prior to the pandemic he used to attend these meetings regularly to assist in historical grounding of the curriculum. He said that he will continue attending these meetings because this committee is crucial for our school.

ADJOURN

Members voted electronically and asynchronously, and adopted the following items:

- *Medical Skills Syllabus Updates AY22-23*
- *Scholarly Activity and Research Program (SARP) AY22-23*
- *Scientific Principals of Medicine (SPM I/II) AY22-23*
- *Scientific Principals of Medicine (SPM III/IV) AY22-23*
- *College Colloquium (CC I&II) AY22-23*
- *Society, Community, and the Individual (SCI) AY22-23*
- *Clerkship directors update*

Meeting adjourned at 2:00pm.



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Medical Skills Syllabus Updates Y22-23

Directors:

Thwe Htay, MD – Course Director

Rebecca L Campos, MD – Year 2 Co-Director

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Summary of Updates

- Content
- Course Schedule
- Platform



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Key Changes

1. Required Textbook:

Bates' Visual Guide to Physical Examination and History Taking 12th Edition

2. Open Lab

Changed from Weds to pre-determined dates for the unit.

3. Professionalism event card policy

Cumulative Minor Violation: After 5 violations, an event card will be issued.

Examples: dress code, unprepared for materials (missing equipment, badges or white coat)

4. Absent Policy

Continue with required advanced notification when able.

Update notice to Course Coordinators, Directors and Medical Education Dept (plfabscence@ttuhsc.edu)

5. Training and Educational Center for Healthcare Simulation (TECHS)

Policy updates : Mask Protocol, Dress code & Professionalism sync with TECHS

6. Education Platform Updates: CHAMP and Canvas changed to → Elentra

7. Grammar & Details

TECHS Center → TECHS (redundant)



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Thank you



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Scholarly Activity and Research Program (SARP):

- SARP provides medical students with an opportunity to design and execute independent scholarship or research projects under the guidance of faculty mentors :
 - clinical and translational research
 - epidemiology, community-based, behavioral, public and environmental health
 - medical humanities, qualitative research and medical education research
- The SARP experience encourages students to seek a deeper understanding of biology and disease processes through a scholarly approach that will make them stronger physicians and valued members of the medical community.
- The SARP experience focuses on the student / mentor relationship.
 - The expectation is that once a good match is made, the mentor / expert will guide the student in the Project Plan preparation, as well as during the execution and presentation phases.
- The SARP requirement is a 3-credit program consisting of three 1-credit courses: one credit is awarded for the selection of a mentor, preparation and submission of a Project Plan and completion of CITI Training; one credit for project execution and submission of the Final Report; and one credit awarded for the Poster Presentation.
 - PSAP5401(SARP I)
 - PSAP6401 (SARP II)
 - PSAP7401(SARP III)



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Scholarly Activity and Research Program (SARP):

NO MAJOR SYLLABUS CHANGES

Important Dates:

- 19 August 2022 MS1 SARP Orientation/SARP Series
- 16 September 2022 SARP Fall Final Report Due
- 28 September 2022 Poster Creation Seminar
- 30 September 2022 MS1 SARP Series
 - Professionalism in research
- 12 October 2022 SARP Fall Symposium Day 1
 - MS1 SARP Student Panel Luncheon
- 02 December 2022 MS1 SARP Series
- 14 January 2023 MS1 CITI and Conflict-of-Interest Trainings Due
- 25 January 2023 MS1 SARP Meet and Greet Luncheon
- 28 January 2023 MS2 and Above SARP Progress Report Due
- 18 March 2023 MS1 SARP Project Plan Part A Due
- 6 -07 April 2023 MS4 SARP Spring Symposium
- 15 April 2023 MS1 Project Plan Part B Due



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Changes to the SPM III/IV Syllabus for 2022-2023

- We have identified a number of gaps in the NBME question pool. Further, recent developments in medicine are not covered. For example, COVID 19 and CRISPR gene editing.
- To address these issues, we will be administering a two-part summative exam, composed of an NBME exam and an in-house exam.
- The total time for the two exams will be the same as the previous, longer single summative exam.

Hybrid Exam Grading

- Students must score 65% on both parts of the exam to Pass.
- We can not average the scores because for MS2s NBME exam averages are about 80%. That would allow a student to pass the in-house exam with a score ~50%.
- Students scoring less than 65% must remediate that part of the exam.

Professionalism Lapses

- We have clarified the text covering late arrival to exams: Students who arrive more than 10 minutes late for an assessment will be denied entry and recorded as absent.
- We have also clarified that students must follow proctor instructions or they can be expelled from the exam and sent to GPC if the infraction is severe enough.

Exam Requirements

- We have detailed a number of must nots, including:
- Leaving an NBME exam after 10 minutes
- Disseminating test content in any form

Event Cards

- We now specify the consequences for 1, 2, or 3 event cards.
- Students with 5 or more event cards may be sent to GPC and dismissal may be on the table.
- We also now state that if the infraction is severe enough (tardiness vs. cheating on an exam), the student may be sent to GPC after a single incident.



TSGR

- We have replaced the text from last year for TSGR to the text for a cadaveric based format. Last year we had students who were not on campus and could not interact with the cadavers.



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CEPC Presentation

MS1 SPM

Changes from last year

- 1. There will be no IRAT/TRAT component and WCE is moved to Friday AM.
- 2. There will continue to be weekly formatives from in-house material and there will be a weekly Firecracker quiz.
- 3. Each unit will have a summative exam which will be composed of $\frac{1}{2}$ in-house questions and $\frac{1}{2}$ NBME questions.
- 4. A passing grade requires 65% on in-house exam and 65% on NBME exam.
- 5. Failure of one component will be classed as a fail of the unit and will need to be remediated, per policy.
- 6. One exam will be in the morning and the other in the afternoon with a lunch break in between.



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Paul L. Foster School of Medicine

Course Syllabus:

College Colloquium (CC)

PMAS 5101 (College Colloquium I)

PMAS 5112 (College Colloquium II)

Academic Year 2022 - 2023

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Opening a 5th College
New names



Grading System

Overview

Detailed information regarding institutional and school-level grading procedures and transcript notations can be found in the TTUHSC-EP '[Grading Procedures and Academic Regulations](#)' (HSCEP OP 77.19) policy and PLFSOM '[Grading, Promotion, and Academic Standing](#)' (GPAS) policy. Grading for all College Colloquium Courses is pass / fail. College Mentors will also provide formative feedback to students regarding their written assignments and professionalism assessments.

Written Assignments

Grades are assigned by College Mentors, based upon satisfactory completion of written assignments, participation and overall professionalism evaluation in Colloquium. There are 2-3 in-class reflective writing exercises and/or ethical analysis exercises per semester. There is an out-of-class summary reflection essay assignment at the end of the second semester. There is one out-of-class ethical analysis essay in the first semester.

Topics, instructions, and grading rubrics will be provided at least 10 days in advance of the due date for the assignment. Each written assignment must be of sufficient quality to receive a score of at least 3 out of 4 possible points on the appropriate grading rubric (Appendices 1 and 2). The assigned paper needs to be at least 1500 words in length.

For any absence, excused or unexcused, or if a student is tardy, the student needs to submit a make-up assignment of adequate quality before the end of the semester. If a score of 1 or 2 points is received on a written assignment, or the student fails to submit their written assignment, the student will need to meet with their respective College Mentors to discuss remediation. Failure to remediate absences, essays that score (1-2), or missed essays may result in referral to the Grading and Promotion Committee. Unprofessional behavior will result in referral to the Grading and Promotion Committee. (see Course Policies and Procedures).

Professionalism Development

A statement describing professionalism development will be placed in each student's e-portfolio at the end of the academic year. This consists of a mandatory statement that reflects the College Mentors' impression of the student's attendance, participation, attitude, etc. This statement may also include free-form comments and suggestions for improvement, added at the discretion of the College Mentors.

A detailed schedule of College Colloquium sessions with student team presentation assignments, along with the topic to be covered for each session, and due dates for written assignments will be distributed to the students directly (by email) and also available of the College Colloquium web page prior to the beginning of each semester.

Required Text

There is no required text for the College Colloquium Courses, though students are encouraged to explore Colloquium topics individually.

Disability Support Services

TTUHSC El Paso is committed to providing equal access to learning opportunities to students with documented disabilities. To ensure access to this course, and your program, please contact the [Academic Success and Accessibility Office \(ASAO\)](#), to engage in a confidential conversation about the process for requesting accommodations in the classroom and clinical setting. Accommodations are not provided retroactively, so students are encouraged to register with the ASAO as soon as possible. Please note: faculty are not allowed to provide classroom accommodations to a student until appropriate verification from ASOA has been provided to the school and disseminated to the appropriate faculty member(s). For additional information, please visit the ASAO website: <https://el Paso.ttuhs c.edu/student services/office-of-academic-and-disability-support-services/default.aspx>.



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Paul L. Foster School of Medicine

Course Syllabus:

College Colloquium (CC)

PMAS 6111 (College Colloquium III)

PMAS 6112 (College Colloquium IV)

Academic Year 2022 - 2023

Grading System

Overview

Detailed information regarding institutional and school-level grading procedures and transcript notations can be found in the TTUHSC-EP [‘Grading Procedures and Academic Regulations’ \(HSCEP OP 77.19\) policy](#) and PLFSOM [‘Grading, Promotion, and Academic Standing’ \(GPAS\) policy](#). Grading for all College Colloquium Courses is pass/fail. College Mentors will also provide formative feedback to students regarding their oral or written assignments and a professionalism assessment.

Written Assignments

Grades are assigned by College Mentors, based upon satisfactory completion of oral and written assignments, participation and overall professionalism evaluation in Colloquium. There are 2-3 in-class reflective writing and/or ethical analysis exercises in the first semester, with an out-of-class summary reflection essay assignment in the second semester. In-class essays are not graded.

Topics, instructions, and grading rubrics will be provided at least 10 days in advance of the due date for the assignment. Each written assignment must be of sufficient quality to receive a score of at least 3 out of 4 possible points on the appropriate grading rubric (Appendices 1 and 2). The assigned paper needs to be at least 1500 words in length.

To pass the presentation for the Colloquium session led by their team, the student must score an average of 2 points on the presentation grading rubric (Appendix 3). Failing to receive an average of 2 points on their presentation, they must discuss a remediation plan with their respective College Mentors. If the student is unable to attend the session led by their assigned team, it is their responsibility to switch teams (date and topic) with another student and to notify their College Mentors about this switch. Absence for their assigned team presentation and failure to switch teams must be remediated. If the student has an excused absence (illness), they will be expected to remediate the assignment..

For any absence, excused or unexcused, or if a student is tardy, the student needs to submit a make-up assignment of adequate quality before the end of the semester. If a score of 1 or 2 points is received on a written assignment, or the student fails to submit their written assignment, the student will need to meet with their respective College Mentors to discuss remediation. Failure to remediate absences, essays that score (1-2), missed essays, or presentation score of 1, may result in referral to the Grading and Promotion Committee. Unprofessional behavior will result in referral to the Grading and Promotion Committee. (see Course Policies and Procedures).

Year 3 Clerkship	Name	Title	FTE
Internal Medicine	Suvarna Guvvala	Clerkship Director	0.5
	Charishma Boppana leaving June 30, 2022; awaiting replacement	Assistant Clerkship Director	0.1
Psychiatry	Patricia Ortiz	Clerkship Director	0.4
	Christopher Castaneda	Assistant Clerkship Director	0.2
Surgery	John Lawrence	Clerkship Director	0.5
	.Grace Ng	Assistant Clerkship Director	0.1
Family Medicine	Colby Genrich	Clerkship Director	0.4
	Chenai Nettey	Assistant Clerkship Director	0.2
Pediatrics	Lynn Hernan – retired May 2022; Dr Joana W Wojciechowska is assisting pending a replacement	Clerkship Director	0.2 as per Dr Fennelly
	Ajay Singh	Assistant Clerkship Director	0.1
OB/GYN	Patricia Rojas Mendez	Clerkship Director	0.5
	Stephanie Mishaw	Assistant Clerkship Director	0.1

Year 4 Clerkship	Name	FTE
Surgery Sub I	Grace Ng – replacing Dr Alonso Andrade	0.2
IM Sub I	Fatma Dihown	0.2
FM Sub I	Gerardo Vazquez	0.2
Pediatrics Sub I	Ittay Moreno	0.2
OB/GYN Sub I	Mary Ann Son	0.2
MICU	Harold Hughes	0.1
CVICU	Debabrata Mukherjee	0.1
PICU	Avi Kopstick	0.1
NICU	Ajay Singh	0.1
SICU	Margo Carlin - replacing Susan McLean	0.1
Neuro ICU	Anantha Vellipuram	0.1
Emergency Medicine	Michael Parsa	0.5
	Kelley Stanko – Assistant Clerkship Director EM	0.1
Neurology		
Clerkship Director	Sushma Yerram	0.5
Assistant Clerkship Director	Faheem Sherif – new position for Neurology	0.1
Bootcamp Co-director	Neha Sehgal	0.25
Bootcamp Co-director	Wajeeha Saeed	0.25

Curriculum Vitale

Margo N. Carlin

513 S Festival Drive
El Paso, TX 79912

margoca@pcom.edu
T 267-279-4416

EDUCATION

B.S.	Temple University, Chemistry, Spanish	09/01/2004-02/10/2010
D.O.	Philadelphia College of Osteopathic Medicine	06/01/2010-06/04/2014
Internship	Anesthesiology, Larkin Community Hospital	07/01/2014-06/30/2015
Residency	General Surgery, Larkin Community Hospital	07/01/2015-06/30/2019
Fellowship	Acute Care Surgery, Emory University	08/01/2019-07/31/2020
Fellowship	Surgical Critical Care, Kendall Regional Medical Center	08/01/2020-07/31/2021

LICENSURE

Georgia Medical License #82581	Issued: 03/19/2019 Expires: 04/30/2022
Florida Medical License #OS15653	Issued: 09/27/2018 Expires: 03/31/2022
Texas Medical License #T2839	Issued: 08/06/2021 Expires: 08/31/2023

CERTIFICATIONS

Fundamentals of Critical Care Support (FCCS)	05/10/2021-05/10/2025
Advanced Trauma Operative Management (ATOM)	04/05/2021
American Osteopathic Board of Surgery #3251	12/20/2019-12/31/2029
Fundamentals of Laparoscopic Surgery (FLS)	06/25/2019
Fundamentals of Endoscopic Surgery (FES)	06/25/2019
Basic Life Support (BLS)	08/22/2020-08/31/2022
Advanced Cardiovascular Life Support (ACLS)	08/25/2020-08/31/2022
Pediatric Advanced Life Support (PALS)	08/31/2020-08/31/2022
Advanced Trauma Life Support (ATLS)	06/12/2019-06/12/2023
Certificate of Completion, Thoracic Trauma Technology Symposium	04/01/2017

EMPLOYMENT

Assistant Professor of Surgery	05/01/2022-Current
Texas Tech University Health Sciences Center	
Trauma Research Director & Associate SICU Director	

Doctor's Hospital of Augusta Trauma Surgery, Locums Tenen	12/2021-12/2023
Medical Services Corporation, Physician Miami, Florida	10/2018-06/2019
Occupational Medical Center, Physician Miami, Florida	10/2018-06/2019
Instructor of Applied Anatomy, Cadaver Lab Miami Anatomical Research Center (M.A.R.C)	02/2015
Teaching Assistant, Gross Anatomy Philadelphia College of Osteopathic Medicine	06/2011-07/2011
Work Study, Gross Anatomy Lab Philadelphia College of Osteopathic Medicine	06/2011-07/2012

LEADERSHIP

American Association for the Surgery of Trauma Manuscript Review Mentorship Program, Mentee Trauma Surgery & Acute Care Open	09/13/2021-Current
Chief Resident General Surgery, Larkin Community Hospital	07/2018-06/2019
Performance Improvement Committee Larkin Community Hospital	07/2018-06/2019

HONORS/AWARDS

Temple University	
Four-year Partial Academic Scholarship	09/2006-06/2010
Dean's List	09/2006-06/2010
Walt Disney World College Internship	01/2006-06/2006
Distinction in Major	02/2010
Sigma Delta Pi Sociedad Nacional Honoraria Hispánica	06/2010
Philadelphia College of Osteopathic Medicine	
Class of 1985 Scholarship	
Philadelphia College of Osteopathic Medicine Foundation Scholarship	

Class Gift Scholarship
D.O. Scholarship
Dr. T.M. Rowland Junior Scholarship
Robert Wood Johnson Scholarship
American Trauma Society Medical Student Scholarship
Board of Trustees Scholarship

1st Place Award - Robert C. Erwin Literary Competition, American College of Osteopathic Surgeons, 10/2018

4th Place Award - Robert C. Erwin Literary Competition, American College of Osteopathic Surgeons, 10/2018

Outstanding Resident of the Year in Surgery Award, American Osteopathic Foundation & American College of Osteopathic Surgeons, 10/2018

4th Place Award - Robert C. Erwin Literary Competition, American College of Osteopathic Surgeons, 11/2019

Oriens Award, Fellow - Eastern Association for the Surgery of Trauma, 01/2020

PROFESSIONAL MEMBERSHIPS

2015 - Current	American College of Osteopathic Surgeons
2016 - Current	Resident and Associate Society American College of Surgeons
2016 - Current	Florida Medical Association
2016 - Current	Association for Academic Surgery
2016 - Current	Florida Chapter, American College of Surgeons
2019 - Current	Eastern Association For The Surgery of Trauma (EAST)
2020 - Current	American Association For The Surgery Of Trauma (AAST)
2020 - Current	American Society For Parenteral And Enteral Nutrition (ASPEN)
2021 - Current	American Osteopathic Association (AOA)

PUBLICATIONS

Carlin MN. EAST Oriens Award: Why I want a career in trauma and acute care surgery. J Trauma Acute Care Surg. 2021 Jul 1;91(1):21-22. doi: 10.1097/TA.0000000000003238. PMID: 33852567.

Castater CA, **Carlin M**, Parker VD, Sciarretta C, Koganti D, Nguyen J, Grant AA, Smith RN, Ramos CR, Sciarretta JD, Dente CJ, Rajani R, Todd SR. Intra-abdominal Inferior Vena Cava Injuries: Operative Strategies and Outcomes. Am Surg. 2020 Dec 19:3134820973395. doi: 10.1177/0003134820973395. Epub ahead of print. PMID: 33345550.

Tracy BM, **Carlin MN**, Tyson JW, Schenker ML, Gelbard RB. The 11-Item Modified Frailty Index as a Tool to Predict Unplanned Events in Traumatic Brain Injury. *Am Surg*. 2020 Aug 22;3134820942196. doi: 10.1177/0003134820942196. Epub ahead of print. PMID: 32829642.

Melmer, P., **Carlin, M.**, Castater, C.A., Koganti, D., Hurst, S.D., Tracy, B.M., Grant, A.A., Williams, K., Smith, R.N., Dente, C.J. and Sciarretta, J.D., 2019. Mass casualty shootings and emergency preparedness: a multidisciplinary approach for an unpredictable event. *Journal of Multidisciplinary Healthcare*, 12, p.1013. PMID: 31849477.

Daneshpajouh, A., **Carlin, M.**, Belnavis, Z., Martinsen, B.J. and Ricotta, J., 2019. Atherectomy Treatment Strategies of Above Knee-Only or Combined Above Knee and Below Knee Both Result in Successful Reduction of Stenosis as Measured by DUS PSVR. *Annals of Vascular Surgery*, 61, pp.18-19.

Fokin, A., Puente, I., Katz, J., Tymchak, A., Viitaniemi, S., Daneshpajouh, A. and **Carlin, M.**, 2018, April. Reduction in Futile Interventions in Trauma ICU Patients Receiving Palliative Care Consultation. *Journal of The American Geriatrics Society*. Vol. 66, pp. S230-S230.

Carlin M, Daneshpajouh A, Catino J, Bukur M. Money Well Spent? A Cost & Utilization Analysis of Prophylactic Inferior Vena Cava Filter Placement in High-Risk Trauma Patients. *Journal of Surgical Research*. December 2017. (220)105-111. PMID: 29180170.

ABSTRACTS ACCEPTED FOR PRESENTATIONS

Carlin M, Daneshpajouh A, Krupnov I, Sanchez A, Batasin M, Morejon O, Ricotta J. *The J Sign Is Characteristic of Superior Vena Cava Occlusion*. Case Report Submission: Society for Clinical Vascular Surgery 48th Annual Symposium. 03/2021.

Carlin M, Vora A, Nguyen J, Sciarretta J, Butler C, Grant A. *The Traumatically Broken Heart: A Case of Cardiac Tamponade After Blunt Trauma*. Video Presentation. American College of Surgeons. Clinical Congress, 10/2020. Chicago, Illinois.

Carlin M, Tracy B, Tyson J, Schenker M, Gelbard R. *The 11-Item Modified Frailty Index as a Tool to Predict Unplanned Events in Traumatic Brain Injury*. Podium Presentation. Southeastern Surgical Surgical Congress. Annual Meeting, 02/2020. New Orleans, Louisiana.

Carlin M, Daneshpajouh A, Hus N. *Minimally Invasive Approach to Identification & Removal of Foreign Bodies, Including Bullet Fragments*. e-Poster Presentation. American College of Surgeons. Clinical Congress, 10/2018. Boston, Massachusetts.

Carlin M, Daneshpajouh A, Catino J, DiMaggio C, Frangos S, Bukur M. *Increase In Neutrophil / Lymphocyte Ratio is Associated With Evolution of Hemorrhage After Traumatic*

Brain Injury. Poster Presentation. Annual Clinical Assembly of Osteopathic Surgeons, 10/2018, Atlanta Marriott Marquis, Atlanta, Georgia.

Carlin M, Daneshpajouh A, Catino J, DiMaggio C, Frangos S, Bukur M. *Increase In Neutrophil / Lymphocyte Ratio is Associated With Evolution of Hemorrhage After Traumatic Brain Injury*. Podium Presentation. Annual Clinical Assembly of Osteopathic Surgeons, 10/2018, Atlanta Marriott Marquis, Atlanta, Georgia.

Carlin M, Daneshpajouh A, Mosio J, Vega G, Masri M, Catino J. *Biventricular Takotsubo Cardiomyopathy in a Professional Athlete: A Case Report*. Poster Presentation. Annual Clinical Assembly of Osteopathic Surgeons, 10/2018, Atlanta Marriott Marquis, Atlanta, Georgia.

Daneshpajouh A, **Carlin M**, Rodriguez E, Hus N. *Outcomes After Sternal Fracture Fixation: A Single Center's Experience*. Poster Presentation. Annual Clinical Assembly of Osteopathic Surgeons, 10/2018, Atlanta Marriott Marquis, Atlanta, Georgia.

Carlin M, Daneshpajouh A, Katz J, Tymchak A, Fokin A, Puente, I. *Reduction of Futile Interventions in Trauma ICU Patients Receiving Palliative Care Consultation*. Poster Presentation. 2018 Annual Scientific Meeting of the American Geriatrics Society, 05/2018, Walt Disney World Swan and Dolphin Hotel, Orlando, Florida.

Daneshpajouh A, **Carlin M**, Katz J, Tymchak A, Fokin A, Puente, I. *Reduction of Futile Interventions in Trauma ICU Patients Receiving Palliative Care Consultation*. Podium Presentation. Florida Committee on Trauma, 04/2018, Loews Sapphire Falls Resort, Orlando, Florida.

Carlin M, Daneshpajouh A, Catino J, DiMaggio C, Frangos S, Bukur M. *Increase In Neutrophil / Lymphocyte Ratio is Associated With Evolution of Hemorrhage After Traumatic Brain Injury*. QuickShot Presentation. 31st EAST Annual Scientific Assembly, 01/2017, Disney's Contemporary Hotel, Orlando, Florida.

Carlin M, Daneshpajouh A, Catino J, Bukur M. *Money Well Spent? A Cost & Utilization Analysis Of Prophylactic Inferior Vena Cava Filter Placement In High-Risk Trauma Patients*. QuickShot Presentation. 12th Annual Academic Surgical Congress, 01/2017, Encore Hotel, Las Vegas, Nevada.

Patel A, Daneshpajouh A, **Carlin M**, Masri M, Castrellon R. *A Case Report of the Surgical Management of a Complex Penile Wound with Negative Pressure Wound Therapy with Automated Instillation and Dwell Time*. Podium Presentation. 10/2017 Annual Clinical Assembly of Osteopathic Surgeons, Gaylord Convention Center, National Harbor, Maryland.

ORAL PRESENTATIONS

<i>Top Ten Papers That Could Change Your Practice</i>	06/2021
Maryland Committee on Trauma Point-Counterpoint Conference Virtual Platform	
<i>EAST Oriens Award: Why I Want A Career In Trauma & Acute Care Surgery</i>	01/2021
Video Presentation 34th EAST Annual Clinical Assembly Virtual Platform	
<i>The Traumatically Broken Heart: A Case of Cardiac Tamponade After Blunt Trauma.</i>	10/2020
Video Presentation American College of Surgeons Clinical Congress Chicago, Illinois.	
<i>Endpoints of Resuscitation & Fluid Resuscitation After Trauma</i>	10/2020
Trauma Grand Rounds Kendall Regional Medical Center Miami, FL	
<i>The 11-Item Modified Frailty Index as a Tool to Predict Unplanned Events in Traumatic Brain Injury</i>	02/2020
Podium Presentation Southeastern Surgical Congress, Annual Meeting New Orleans, Louisiana	
<i>Increase In Neutrophil / Lymphocyte Ratio is Associated With Evolution of Hemorrhage After Traumatic Brain Injury</i>	10/2018
Podium Presentation Annual Clinical Assembly of Osteopathic Surgeons Atlanta, Georgia	
<i>Biventricular Takotsubo Cardiomyopathy in a Professional Athlete: A Case Report</i>	10/2018
Poster Presentation Annual Clinical Assembly of Osteopathic Surgeons Atlanta, Georgia	
<i>Pseudoaneurysms In The Trauma Patient</i>	06/2018
Podium Presentation Trauma Education Day Delray Medical Center Delray, Florida	

<i>Reduction of Futile Interventions in Trauma ICU Patients Receiving Palliative Care Consultation</i>	05/2018
Poster Presentation	
American Geriatrics Society Annual Meeting	
Orlando Florida	
<i>Increase In Neutrophil / Lymphocyte Ratio is Associated With Evolution of Hemorrhage After Traumatic Brain Injury.</i>	10/2018
Quick Shot Presentation	
31 st EAST Annual Scientific Assembly	
Orlando, Florida	
<i>Money Well Spent? A Cost & Utilization Analysis Of Prophylactic Inferior Vena Cava Filter Placement In High-Risk Trauma Patients.</i>	01/2017
Quick Shot Presentation	
12 th Annual Academic Surgical Congress	
Las Vegas Nevada	
<i>Anal Squamous Cell Carcinoma</i>	05/2017
Tumor Board	
Larkin Community Hospital, Miami, Florida	
<i>Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA)</i>	06/2017
Podium Presentation	
Trauma Education Day	
Delray Medical Center, Delray, Florida	
<i>Renal Carcinoma</i>	03/2017
Tumor Board	
Larkin Community Hospital	
<i>Pediatric Trauma Resuscitation</i>	06/2016
Podium Presentation	
Trauma Education Day	
Delray Medical Center, Delray, Florida	
<i>Thyroid Carcinoma</i>	05/2016
Head & Neck Tumor Board	
Baptist Hospital, Miami, Florida	

RESEARCH INTERESTS

Traumatic Brain Injury
Neuroinflammation
Inflammatory Shock

CONFERENCES

MDCOT Point-Counterpoint Conference	2021
34th EAST Annual Scientific Assembly, Virtual Platform	2021
Annual Meeting, American College of Surgeons, Virtual	2020
Annual Meeting, American Association for the Surgery of Trauma, Virtual	2020
Annual Meeting, Southeastern Surgical Congress, New Orleans, LA	2020
Annual Clinical Assembly of Osteopathic Surgeons, Colorado Springs, CO	2019
Annual Clinical Assembly of Osteopathic Surgeons, Atlanta GA	2018
American Geriatrics Society Annual Scientific Meeting, Orlando FL	2018
Florida Committee on Trauma Business Meeting, Orlando FL	2018
31 st EAST Annual Scientific Assembly, Orlando FL	2017
12 th Annual Academic Surgical Congress, Las Vegas NV	2017
Thoracic Trauma Technology Symposium, Palm Beach Gardens FL	2017
Regenerative Medicine, ACell Surgeon Training Course, Miami FL	2016
American Trauma Society Annual Conference, Hershey PA	2013
Temple University Emergency Medicine Symposium, Phila PA	2012
Thomas Jefferson Surgery Symposium, Phila PA	2011

CURRICULUM VITAE

Faheem G Sheriff M.D.

DEMOGRAPHIC AND PERSONAL INFORMATION

Personal Data

Mailing address: 7861 Enchanted Range Drive, El-Paso TX, 79911

Phone: 971-269-6382

Email: Fsheriff@ttuhsc.edu
Fsheriff.md@gmail.com

Current Appointments:

- 10/1/2020 to present : Assistant Professor in Neurology (Division of Neuroendovascular and Neurocritical Care); Texas Tech University Health Science Center at El-Paso, TX; credentialed at University Medical Center, El Paso Children's Hospital, The Hospitals of Providence and Las Palmas HCA.
- Director of Neuroendovascular and Neurocritical Care; THOP Sierra Medical Center

Education

- 06/2002- 06/2004: Advanced Level training in Physics, Chemistry and Biology; Arusha Meru Secondary.
- 09/2004 – 08/2009: Doctor of Medicine (M.D.); University of Dar-es-salaam Tanzania; graduated summa cum laude
- USMLE boards: Step 1: 254 (99th percentile), Step 2 CK: 273 (99th percentile), Step 3: 251

Post graduate education

- 06/2012 – 06/2013: Internship (Internal medicine): Oregon Health and Science University, Portland OR
- 07/2013 – 06/2016: Residency (Neurology): Oregon Health and Science University, Portland OR
- 07/2016 – 06/2018: Neurocritical care fellowship, Massachusetts General Hospital / Brigham and Women's Hospital /Harvard Medical School (Boston, MA)
- 07/2018 – 07/2020 Neuroendovascular surgery fellowship, UT Houston Memorial Hermann Hospital Texas Medical Center (Houston, TX)

Professional Experience

A. Neuroendovascular specific skills and proficiency:

- Diagnostic cerebral (including intra-operative) angiograms; proficient in transfemoral and transradial approaches
- Interventions (CAST and UCNS-eligible) :
 - Mechanical thrombectomy
 - Aneurysm coiling
 - Adjunctive techniques: balloon assist coiling; stent assist coiling
 - Extracranial (CAS)/ intracranial stenting
 - Vasospasm treatment: intra-arterial vasodilator infusion and balloon angioplasty
 - Flow diversion: Pipeline Embolization Device
 - Intrasaccular flow disruption: WEB
 - Embolization for vascular malformations (AVM, dAVF, CCF)
 - Intraarterial chemotherapy for retinoblastoma
 - Embolization for epistaxis, tumors
 - Venous sinus stenting for Idiopathic Intracranial Hypertension

B. Neurocritical care skills and proficiency (UCNS board certified, MOC completed 2020) :

- Peri- and post -procedural management of neurosurgical conditions including SAH, intracranial hemorrhage, TBI, spinal cord injury and elective skull base, intra-axial/extra-axial tumor and epilepsy patients
- Management of neurologic emergencies: Stroke thrombolysis, malignant cerebral edema / herniation syndromes, status epilepticus, neuromuscular emergencies (Myasthenia Gravis, GBS)
- Performing and interpreting TCDs / carotid dopplers
- Critical care EEG interpretation
- Airway management (intubation, LMAs, bag mask ventilation)
- Arterial and central line insertion (subclavian, internal jugular and femoral)

C. Neurologic skills and proficiencies: (ABPN certified 2017)

CLINICAL ACTIVITIES

Certification

2021 to present; ACLS recertified

2017 to present; ATLS certified

12/2019 to present; UCNS certified for Neurocritical Care; MOC completed

07/2018 to present: Texas Medical Board license

12/2017 to present; ABPN certified

08/2017 to 06/2018; Full License; Mass Medical Society

07/2016 – 07/2017; Limited License, Mass Medical Society

06/2012 – 06/2016; Limited License, Oregon Medical Board

04/2011 Medical practitioner, Tanganyika Medical Board

MEMBERSHIPS / AWARDS:

- 06/2005: Ministry of Health Prize for best performance in Biostatistics
- 06/2006: Lindqvist Prize for best performance in Microbiology/Immunology; Ministry of Health Prize for best performance in Epidemiology
- 12/2009: Valedictorian; graduated summa cum laude in class of 175 medical students
- 12/2012 to present: SVIN (Society for Vascular and Interventional Neurology)
- 06/2013 to present: AAN (American Academy of Neurology)
- 04/2019: Best research poster award (Neurocritical Care Symposium UT Houston , TX)
- 03/2021: ISC Platform presentation and late breaking abstract : “Race/ Ethnicity and Large Vessel Occlusion”
- 06/2021: Physician of the month; Sierra medical center award

RESEARCH / EDUCATIONAL ACTIVITIES

Publications: Peer-reviewed Original Science Research

Khandelwal, P., Majmundar, N., Rodriguez, G. J., Patel, P., Dodson, V., Singla, A., ... & Maud, A. (2021). Dual-center study comparing transradial and transfemoral approaches for flow diversion treatment of intracranial aneurysms. *Brain Circulation*, 7(2), 65.

Sheriff, F., Inam, M.E., Lopez-Rivera, V., Lekka, E., Kermali, K., Sheth, S., Maud, A., Gupta, V., Rodriguez, G., Pedroza, C. and Chen, P.R., 2021. Dual Antiplatelet Therapy Duration After Venous Sinus Stenting for Idiopathic Intracranial Hypertension and Stent Survival—Is Longer Necessarily Better? A Meta-Regression. *World Neurosurgery*.

Sheriff, F.G., Rodriguez, G.J., Gupta, V. and Maud, A., 2021. Commentary on ‘Radial first or patient first: a case series and meta-analysis of transradial (TRA) versus transfemoral (TFA) access for acute ischemic stroke intervention’. *Journal of NeuroInterventional Surgery*.

Chen PR, Bulsara K, Lopez-Rivera V, Sheriff FG, Sanzgiri A, Sheth S, Oni-Orisan AO, Vahidy FS, Erkmen K, Kim DH, Day AL. Use of single versus multiple vasodilator agents in the treatment of cerebral vasospasm: is more better than less? *Acta Neurochir (Wien)*. 2021 Jan;163(1):161-168. doi: 10.1007/s00701-020-04415-5. Epub 2020 Jun 12. PMID: 32533411.

Sheriff, F., Castro, P., Kozberg, M., LaRose, S., Monk, A., Azevedo, E., Li, K., Jafari, S., Rao, S., Otite, F.O. and Khawaja, A., 2020. Dynamic Cerebral Autoregulation Post Endovascular Thrombectomy in Acute Ischemic Stroke. *Brain sciences*, 10(9), p.641

Zeineddine, H.A., Lopez-Rivera, V., Conner, C.R., Sheriff, F.G., Choi, P.A., Inam, M.E., Cochran, J. and Chen, P.R., 2020. Embolization of carotid-cavernous fistulas: A technical note on simultaneous balloon protection of the internal carotid artery. *Journal of Clinical Neuroscience*, 78, pp.389-392.

Sheriff, F., Diz-Lopes, M., Khawaja, A., Sorond, F., Tan, C.O., Azevedo, E., Franceschini, M.A., Vaitkevicius, H., Li, K., Monk, A.D. and Michaud, S.L., 2020. Microemboli after successful thrombectomy do not affect outcome but predict new embolic events. *Stroke*, 51(1), pp.154-161.

Sheriff FG, Mariana Lopes, Ayaz Khawaja, Farzaneh Sorond, Can Ozan Tan, Elsa Azevedo, Maria Franceschini, Henrikas Vaitkevicius, Karen Li, Andrew Monk, Sarah Michaud, Steven Feske, and Pedro Castro. Microemboli After Successful Thrombectomy Do Not Affect Outcome But Predict New Embolic Events. *Stroke*. 2019 STROKE/2019/025856R2

Rao SS, Chung DY, Wolcott Z, Sheriff FG, Khawaja AM, Lee H, Guanci MM, Leslie-Mazwi TM, Kimberly WT, Patel AB, Rordorf GA. Intermittent CSF drainage and rapid EVD weaning approach after subarachnoid hemorrhage: association with fewer VP shunts and shorter length of stay. *J Neurosurg*. 2019 Apr 26; 1-6. PMID: 31026832.

Sheriff FG, Hirsch J, Shelton K, D'Alessandro D, Stapleton C, Koch M, Rabinov J, Jassar A, Patel A, Leslie-Mazwi T. Large-vessel occlusion stroke after cardiothoracic surgery: Expanding time windows offer new salvage opportunities. *J Thorac Cardiovasc Surg*. 2018 Dec 11. PMID: 30685180

Monitoring cerebral blood flow and critical closing pressure in stroke patients
K Wu, P Farzam, FG Sheriff, PY Farzam, AD Monk, MA Aziz-Sultan, N Patel, F Orihuela-Espina, H Vaitkevicius, MA Franceschini 2019/7/1 JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM

Wu, K.C., Farzam, P., Sheriff, F., Farzam, P.Y., Michaud, S.L., Monk, A.D., Aziz-Sultan, M.A., Patel, N., Vaitkevicius, H. and Franceschini, M.A., 2019, April. Critical closing pressure measured in stroke patients with diffuse correlation spectroscopy and transcranial Doppler ultrasound. In *Optics and the Brain* (pp. BW4A-4). Optical Society of America.

Clopidogrel and Aspirin in Acute Ischemic Stroke and High-Risk TIA.
Johnston SC, Easton JD, Farrant M, Barsan W, Conwit RA, Elm JJ, Kim AS, Lindblad AS, Palesch YY; Clinical Research Collaboration, Neurological Emergencies Treatment Trials Network, and the POINT Investigators. *N Engl J Med*. 2018 Jul 19;379(3):215-225. doi: 10.1056/NEJMoA1800410. Epub 2018 May 16. PMID: 29766750

Intensive vs Standard Treatment of Hyperglycemia and Functional Outcome in Patients With Acute Ischemic Stroke: The SHINE Randomized Clinical Trial.
Johnston KC, Bruno A, Pauls Q, Hall CE, Barrett KM, Barsan W, Fansler A, Van de Bruinhorst K, Janis S, Durkalski-Mauldin VL; Neurological Emergencies Treatment Trials Network and the SHINE Trial Investigators.

Final Results of the RHAPSODY Trial: A Multi-Center, Phase 2 Trial Using a Continual Reassessment Method to Determine the Safety and Tolerability of 3K3A-APC, A Recombinant Variant of Human Activated Protein C, in Combination with Tissue Plasminogen Activator, Mechanical Thrombectomy or both in Moderate to Severe Acute Ischemic Stroke. Lyden P, Pryor KE, Coffey CS, Cudkowicz M, Conwit R, Jadhav A, Sawyer RN Jr, Claassen J, Adeoye O, Song S, Hannon P, Rost NS, Hinduja A, Torbey M, Lee JM, Benesch C, Rippee M, Rymer M, Froehler MT, Clarke Haley E, Johnson M, Yankey J, Magee K, Qidwai J, Levy H, Mark Haacke E, Fawaz M, Davis TP, Toga AW, Griffin JH, Zlokovic BV; NeuroNEXT Clinical Trials Network NN104 Investigators. *Ann Neurol*. 2019 Jan;85(1):125-136. doi: 10.1002/ana.25383. Epub 2019 Jan 7. PMID: 30450637; PMCID: PMC6342508.

Chagani MM, Manji KP, Manji MP and Sheriff FG: Health-care workers' knowledge, attitudes and practices on post-exposure prophylaxis for HIV in Dar-es-salaam. *Tanzania Medical Journal* 2011; 25 (2):31-35.

Manji KP, Manji MM and Sheriff FG: The use of anti-retroviral drugs in the prevention of mother to child transmission (PMTCT) of HIV: Review paper. *Tanzania Medical Journal* 2011; 25 (2):14-22.

Manji KP, Sheriff FG and Manji MP: Review of pulmonary TB and HIV co-infection among pregnant mothers in sub-Saharan Africa. *Tanzania Medical Journal* 2011; 25 (2): 1-5

Sheriff FG, Manji KP, Manji MP et al. Latent Tuberculosis among pregnant mothers in a resource poor setting in northern Tanzania: A cross sectional study. *BMC Infectious Disease* 2010; 10:52

Educational Publications and Institutional Guidelines

Reviews:

- 1) [Sheriff FG](#), Hinson HE: "Review: Pathophysiology and clinical management of moderate to severe TBI in the ICU" . *Seminars in Neurology* 35(1):42-9 · January 2015.
- 2) [Sheriff FG](#), Guanci M, Murphy E, Degrandpre J, Musolino P, Rordorf G: Guidelines for management of acute spinal cord injury for MGH ICUs. Harvard Medical School. May 2017
- 3) [Sheriff FG](#), Guanci M, Murphy E, Degrandpre J, Musolino P, Rordorf G: Guidelines for cervical spine clearance for MGH ICUs. Harvard Medical School. May 2017

Case reports / posters:

- 1) Narayanan N, [Sheriff FG](#), Boyce J. Teaching NeuroImages: CNS actinomycosis in an immunocompetent patient. *Neurology*. 2012; 79(10):e85.

- 2) [Sheriff FG](#), Howlett WP and Kilonzo KG. Post-partum pituitary insufficiency and livedo reticularis presenting a diagnostic challenge in a resource limited setting in Tanzania: a case report, clinical discussion and brief review of existing literature. BMC Endocr Disord. 2012; 12: 4. doi: 10.1186/1472-6823-12-4. PMCID: PMC3393611

- 3) Fattahi P, [Sheriff FG](#), Narayanan N, Greer D, Schindler J. Thrombolysis for acute stroke in patients with vasculitis: case report and literature discussion. Clinical neurology and neurosurgery 2013; 115(3):351-3.

- 4) [Sheriff FG](#), Woljter R, Yadav V: Susac's like syndrome presenting with multifocal large and small vessel strokes and a novel anti-endothelial antibody. Poster presentation at ANA meeting in Baltimore, Maryland Oct 12th 2014

- 5) [Sheriff FG](#), Narayanan NS, Huttner AJ and Baehring JM. Vogt Koyanagi Harada syndrome: a novel case and update on focal neurologic presentations . [Neurol Neuroimmunol Neuroinflamm](#). 2014 Nov 20;1(4):e49.

- 6) [Sheriff FG](#), Joshua Raines, BS, Charles Murchison, MS, Justin Cetas, MD, Holly E. Hinson, MD Timing Of Fever And Risk Of Vasospasm Post Aneurysmal Subarachnoid Hemorrhage (aSAH). Poster presentation at NCS meeting in Scottsdale, Arizona. October 2015

- 7) [Sheriff FG](#), Kilonzo KG, Gibbs DM, Murchison C, Dekker M, Howlett W: A cross sectional survey of physicians regarding challenges to diagnosis and management of intracranial hemorrhage (ICH) in two teaching hospitals in Tanzania. Poster presentation at World ICH meeting in Baltimore, Maryland May 2017

- 8) [Sheriff FG](#), Khawaja A, Aziz-Sultan A, Patel N, Vaitkevicius H. Arterial subdural hemorrhage (SDH): A single center retrospective study and review of literature. Neurocritical Care Society meeting in October 2017, Wailoa Hawaii.

- 9) O-032 How low is enough?—Defining the threshold with venous gradient pressure for venous sinus stenting in intracranial hypertension patients with venous sinus stenosis
V Lopez-Rivera, M Inam, E Lekka, [FG Sheriff](#), R Tang, S Sheth, P Chen
Journal of NeuroInterventional Surgery 12 (Suppl 1), A22-A22

- 10) E-094 Correlation between total thrombus leukocyte count and outcome at discharge post mechanical thrombectomy
P Chen, [FG Sheriff](#), M Inam, V Lopez-Rivera, E Lekka, A Oni-Orisan, ...
Journal of NeuroInterventional Surgery 12 (Suppl 1), A80-A80 2020

Ongoing/ previous research:

10/2020 to present:

- **FMD registry site-PI** ; Texas Tech University Health Science Center at El-Paso
- **ASSIST registry site-PI**; Texas Tech University Health Science Center at El-Paso
- **ENDOLOW, TESLA, VESALIO** : Co-I; Texas Tech University Health Science Center at El-Paso; PI: Alberto Maud MD
- **GWTG Race and Ethnic Disparities in Large Vessel Occlusion Stroke (oral platform presentation accepted at ISC March 2021)** ; seed grant to Faheem Sheriff MD. Supervisor Lee Schwamm MD and Salvadore Cruz Flores MD

06/2018 to 06/2020:

- **SEGA and iVAST trials** at UT Houston, Texas Medical Center. Actively enrolling patients. PI : **Peng Roc Chen M.D.**
- **Analysis of clot composition for patients undergoing mechanical thrombectomy**; PI: **Sunil Sheth M.D.**
- **Analysis of clot composition for COVID patients undergoing mechanical thrombectomy**; PI: **Alberto Maud M.D**; Co-I: Faheem Sheriff MD
- **Venous sinus stenting long term outcomes and duration of dual antiplatelet therapy (meta-analysis)**; supervisor **Peng Roc Chen MD**
- Spear heading data collection and analysis for QI project examining variation in endovascular technique and association with outcomes for mechanical thrombectomy, aneurysm coiling and other major procedures. Supervisor: **Arthur Day M.D.; Sunil Sheth M.D.**
- **05/2017 – 06/2018: Cerebral autoregulation and microembolic signals in patients undergoing mechanical thrombectomy for ischemic stroke** : Conceived study and authored IRB; looking at the association between cerebral autoregulation (and its temporal profile) and revascularization post large vessel ischemic stroke assessed using dynamic methods i.e phase shift and gain utilizing TCD and DCS and non invasive blood pressure monitoring. Also looked at microembolic signals post thrombectomy and stroke recurrence. Main co-investigator and successfully completed enrollment at Brigham and Women's Hospital / Harvard Medical School. Project generated four manuscripts.
- Protocol Title: DYNAMIC CEREBRAL AUTOREGULATION POST MECHANICAL THROMBECTOMY IN ACUTE ISCHEMIC STROKE
Protocol Number: 2017P000418
Principal Investigator: **Vaitkevicius, Henrikas MD**

06/2016 – 06/2018 Co-I in multiple trials conducted at MGH/BWH/ Harvard Medical School

including **DEFUSE 3, SAGE , SHINE, ACTION 2, RHAPSODY, POINT.**

04/2014 – 12/2015 : Subarachnoid hemorrhage and delayed cerebral ischemia (DCI); investigating the role of NIRS and TCD. Involved in authoring IRB (specifics outlined below) and enrolling subjects in study to evaluate the correlation between angiographic vasospasm and near infrared spectroscopy (NIRS) parameters with the aim of validating this technique as a method of early detection of DCI. Looked at transcranial doppler (TCD) as an additional modality to further investigate cerebral auto regulation in SAH and correlate this with NIRS data and the development of DCI.

Title: Brain oxygenation and vasospasm after aneurysmal subarachnoid hemorrhage.

Identification number: IRB00007475

Sponsor : OHSU Dept of Neurosurgery; Principal Investigator: **Aclan Dogan, MD**

Book chapters:

- **Neurology in Africa: William Howlett.** Published by BRIC, 2012. 460 pp. ISBN – 978-82-7453-085-0: Reviewed several book chapters including `History and examination`, `Localization`, `Cranial nerves` and `Peripheral nerve disorders` as well as authoring list of important learning resources for medical students (final chapter).
- **Frameworks in Medicine: Andre Mansoor;** Reviewed chapters on “Stroke”, “Neuropathy”, “Seizure” and “Headache”.
- **Neuro Critical Care Ultrasound** (Faheem Sheriff, Sakina Sheriff, Shyam S. Rao, David Y. Chung) for book **Neurocritical Care Systems and Processes** by Sarah Nelson
- **NeuroICU Board Review 1st edition** (Saef Izzy, David Lerner, Kiwon Lee)

Guest Reviewer:

BMC Neurology

Frontiers in Neurology

Seminars/ workshops:

- 11/ 2014; American Neurologic Association (ANA) conference
Presented poster on Stroke in Susac’s syndrome (please see posters)
- 09/ 2014; 12th Annual Neurocritical Care Society meeting (Seattle, WA)

- 05/ 2014; Advanced neuro-intensive care conference; Harvard medical school (Boston, Mass.
- 04/2015; AAN meeting in Washington DC
- 10/ 2015; Neurocritical care society meeting in Scottsdale, Arizona. Presented poster on SAH and vasospasm (please see posters)
- 09/2016: One week TCD and Carotid Duplex course, Wake Forest NC.
- 05/2017: World ICH meeting in Baltimore, MD. Presented poster on intracranial hemorrhage diagnosis and management in teaching hospitals in Tanzania (see posters)
- 09/2018: NCS meeting in Fort Lauderdale, FL. Poster on Cerebral Autoregulation post Mechanical Thrombectomy
- 11/2018: SVIN meeting in San Diego, CA. Poster on Large Vessel Occlusion Stroke after Cardiothoracic Surgery: Expanding Time Windows Offer New Salvage Opportunities
- 02/2019: International Stroke Conference poster (first author) : Microemboli After Successful Thrombectomy Do Not Affect Outcome But Predict New Embolic Events.
- 03/2019: LINNC meeting in Miami, Florida
- 03/2021 ISC (Platform presentation)

Teaching / Lectures:

- 06/2014- 06/2015: Bimonthly neuroradiology case conferences at OHSU, course moderator
- 06/2014- 06/2015: Monthly neuroanatomy lectures at OHSU, lecturer
- 05/2014: PA neurology lecture series, lecturer: Lecture on syncope and seizures
- 04/2014: Neurology department conference, presenter: Neurologic complications of acute mountain sickness ("High altitude neurology"); Oregon Health and Science University
- 11/2014: Neurology department conference, presenter: Cerebral auto regulation in neurologic disorders; Oregon Health and Science University
- 01/2016: Teaching elective in Northern Tanzania; spent one month working with neurologists at two tertiary care hospitals (KCMC and MNH) teaching neurology to internal medicine residents and medical students. Conducted stroke survey with interesting results.
- 07/2017: Neurocritical care department conference at MGH/ Harvard medical school presenter:

Cerebral auto regulation in neurocritical care.

-07/2018 to 06/2020: organizing and presenting weekly Neuroendovascular teaching conferences for Neurosurgery and Neurology residents at UT Houston, McGovern Medical School.

-09/30/2019: Grand rounds on “Cerebral blood flow monitoring in Large Vessel Occlusion Ischemic Stroke” presented to Dept of Neurology at Texas Tech University Health Science Center El Paso.

-11/2020 to present: Medical Student Lecture at TTUHSC, El-Paso: Spinal Cord Syndromes (monthly lecture)

-05/2021: European Congress on Emergency Medicine and Critical Care in Barcelona, Spain: Invited speaker on “ Blood pressure management and neuromonitoring in the acute ischemic stroke setting : role for cerebral autoregulation “

ORGANIZATIONAL ACTIVITIES

- 09/2004 to 08/2009: Tanzania medical student’s association (TAMSA) 2004-2009 (active member)

- 06/2005 to 06/2007: Editorial board member for ‘White Coats’ (official publication of JAMSA)

OTHER PROFESSIONAL/EXTRACURRICULAR ACCOMPLISHMENTS

- 09/2004 – 08/2009 Annual medical screening programs for non-communicable diseases all over Tanzania.
- 2004 – 2008 Active participation as a volunteer in eight (8) bi-annual ophthalmology outreach programs
- Climbed Mount Kilimanjaro twice to summit 19,340 feet ASL (06/2003 and 08/2020)
- Climbed Mount Meru twice to summit 14, 967 feet ASL

REFERENCES:

Arthur Day MD

Arthur.L.Day@uth.tmc.edu

Professor and Vice Chair, Vivian L. Smith Dept of Neurosurgery, UT Houston

Director, Residency Program

Director of Clinical Education, Mischer Neuroscience Institute

McGovern Medical School

Peng Roc Chen MD

Peng.R.Chen@uth.tmc.edu

Associate Professor, Vivian L. Smith Dept of Neurosurgery, UT Houston

Weatherhead Cerebrovascular fellowship director

McGovern Medical School

Thabele Leslie-Mazwi MD

Tleslie-mazwi@mgh.harvard.edu

Assistant Professor, Neurology and Neurocritical Care, Massachussetts General Hospital /

Harvard Medical School

Sunil Sheth MD

Assistant Professor, Dept of Neurology, UT Houston

Sunil.A.Sheth@uth.tmc.edu

McGovern Medical School

Mark Dannenbaum MD

Assistant Professor, Vivian L. Smith Dept of Neurosurgery, UT Houston

Mark.Dannenbaum@uth.tmc.edu

McGovern Medical School