



# Master Teacher Leadership Development Program

## *Graduation*

JUNE 2021

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION BY  
COHORT 19 DURING THEIR MASTER TEACHER YEAR

Graduate School of Education  
& Human Development

School of Medicine  
& Health Sciences

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**THE GEORGE  
WASHINGTON  
UNIVERSITY**

WASHINGTON, DC



# About the Program

Offered by the George Washington University's Graduate School of Education and Human Development in partnership with the GW School of Medicine and Health Sciences, the Master Teacher Leadership Development Program (MTLDP) has three main purposes:

1. To enhance teaching skills,
2. To develop educational leadership potential, and
3. To promote scholarship in education.

The program includes five graduate level courses with a Certificate in Leadership Development awarded from GSEHD at completion. The following pages highlight the application of coursework taken during the year to the daily practice of each member of Cohort 19.

# Meet Cohort 19

MARAM ALKHATIB, MB, BCH, MSc, MRCP  
Medicine – Internal Medicine  
School of Medicine & Health Sciences

TRICIA DESVARIEUX, MD  
Anesthesiology and Critical Care Medicine  
School of Medicine & Health Sciences

TINA HALLEY, MD  
Pediatrics – Hospital Medicine  
Children's National Hospital

NADA HARIK, MD  
Pediatrics – Infectious Diseases  
Children's National Hospital

SIMONE LAWSON, MD  
Pediatrics and Emergency Medicine  
Children's National Hospital

TAHIRA LODHI, MD  
Medicine – Geriatrics  
School of Medicine & Health Sciences

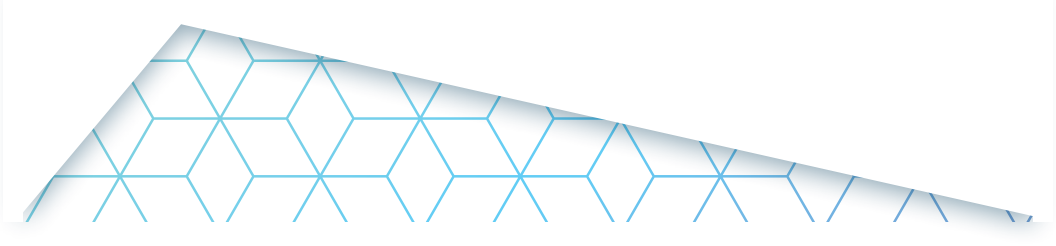
NNEKA NZEGWU, DO  
Pediatrics – Neonatology  
Children's National Hospital

AHDEAH PAJOOHESH-GANJI, PhD  
Anatomy and Cell Biology  
School of Medicine & Health Sciences

GEOFFREY SHAPIRO, EMT-P  
Clinical Research and Leadership  
Emergency Health Services Program  
School of Medicine & Health Sciences

ARIELLA SLOVIN, MD  
Pediatrics – Goldberg Center  
Children's National Hospital

LAURA WILLING, MD  
Pediatrics and Psychiatry and  
Behavioral Sciences  
Children's National Hospital



# Maram Alkhatib, MB, BCH, MSc, MRCP

Medicine – Internal Medicine  
The GW School of Medicine & Health Sciences

<b>CONTRIBUTIONS TO MEDICAL &amp; HEALTH SCIENCE EDUCATION</b>	
<b>TEACHING ENHANCEMENTS</b>	<b>BENEFICIARIES</b>
Developed a new clinical integration session for the Practice of Medicine course	Medical students and faculty
Designed a curriculum on implicit bias, incorporating learning objectives and effective assessments	Medical students
<b>EDUCATIONAL LEADERSHIP</b>	<b>BENEFICIARIES</b>
Co-Director, Practice of Medicine course	Medical students and faculty
Member, Preclinical Curriculum Committee	Medical students and faculty
Member, Block, Theme and Discipline Directors Committee	Medical students and faculty

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Redesigned a novel Cardiac Anesthesia rotation curriculum based on toolbox model	Cardiac anesthesiology residents
Incorporated Teaching on the Fly using PLHET format	Anesthesiology residents
Delivered Grand Rounds on implicit bias using PLHET format	Anesthesiology residents and faculty
Created a toolbox model and 2-month curriculum	Anesthesiology residents
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Director, Anesthesiology Clerkship	Medical students
Member, Transfusion Committee	Multidisciplinary team at GW Hospital serving all patients and services
Leader, Anti-Racism Committee	Anesthesiology Department faculty and staff

# Tina Halley, MD

Pediatrics – Hospital Medicine  
Children’s National Hospital

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Incorporated modified Teaching and Learning on the Fly into daily clinical teaching	Medical students and residents
Revised syllabus for the Inpatient Pediatric rotation per curriculum development principles	Family Medicine residents
Developed a standardized curriculum for training Family Medicine residents	Family Medicine residents
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
The Inpatient Training of Family Medicine Residents	Quantitative study
Speaking Up About Racism During Your Medical Education	Qualitative study
Evaluating the “Think Under Fire” Course as an Educational Intervention to Promote Child Abuse Recognition	Quantitative study
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Co-Chair, Interprofessional Education Taskforce, AAP Educators Subcommittee	Pediatric Hospital Medicine faculty, interprofessional learners
Director, Inpatient Pediatric rotation for Family Medicine residents	Family Medicine residents
Rotation Director, Inpatient Pediatric Clerkship on PHAST	Medical students

<b>CONTRIBUTIONS TO MEDICAL &amp; HEALTH SCIENCE EDUCATION</b>	
<b>TEACHING ENHANCEMENTS</b>	<b>BENEFICIARIES</b>
Integrated PLHET and adult learning theory into multiple Pediatric Infectious Diseases Fellowship lectures/conferences	Infectious Diseases fellows and faculty
Created a new Cystic Fibrosis Infectious Diseases rotation curriculum	Infectious Diseases fellows
Revised assessment measures for Microbiology/Infection Control/ASP rotation	Infectious Diseases fellows and faculty
<b>EDUCATIONAL LEADERSHIP</b>	<b>BENEFICIARIES</b>
Director, Pediatric Infectious Diseases Fellowship	Infectious Diseases fellows and faculty
Member, Pediatric Infectious Diseases Society Training Programs Committee	U.S. Pediatric Infectious Diseases Fellowship Program Directors and Infectious Diseases fellows and faculty
Pediatric Infectious Diseases Society Liaison to the Infectious Diseases Society of America Training Program Directors Committee	U.S. Pediatric Infectious Diseases Fellowship Program Directors and Infectious Diseases fellows and faculty

# Simone Lawson, MD

Pediatrics and Emergency Medicine  
Children's National Hospital

<b>CONTRIBUTIONS TO MEDICAL &amp; HEALTH SCIENCE EDUCATION</b>	
<b>TEACHING ENHANCEMENTS</b>	<b>BENEFICIARIES</b>
Restructured approach to teaching Emergency Medicine residents in India using PLHET	GW Master's in Emergency Medicine–International participants
Integrated adult learning principles while leading Point-of-Care Ultrasound (POCUS) scan sessions	Residents and fellows
Integrated adult learning principles while leading Point-of-Care Ultrasound QA sessions	Residents and fellows
Developed an individualized soft-tissue POCUS curriculum	EMTC attendings and physician assistants
<b>EDUCATIONAL SCHOLARSHIP</b>	<b>TYPE OF WORK</b>
POCUS Education for Physician Assistants in a Pediatric Emergency Department	Quantitative study
Individualized POCUS Education for Pediatric Emergency Medicine Providers	Quantitative study
<b>EDUCATIONAL LEADERSHIP</b>	<b>BENEFICIARIES</b>
Member, American College of Emergency Physicians Education Committee	ACEP members



<b>CONTRIBUTIONS TO MEDICAL &amp; HEALTH SCIENCE EDUCATION</b>	
<b>TEACHING ENHANCEMENTS</b>	<b>BENEFICIARIES</b>
Incorporated principles of adult learning into clinical learning environments, especially prior knowledge application	Primary Care Clerkship students, internal Medicine and Primary Care residents, Geriatrics and Palliative Care fellows
Redesigned didactic sessions in PLHET format	1st Year medical students, residents, and fellows
Developed a Geriatrics curriculum to teach principles of age friendly health systems and the 4 Ms	Medical students, residents, and fellows
Developed assessment of the Geriatrics curriculum for all levels of learners	Medical students, residents, and fellows
<b>EDUCATIONAL LEADERSHIP</b>	<b>BENEFICIARIES</b>
Co-Director, Primary Care Clerkship	3rd year medical students

# Nneka Nzegwu, DO

Pediatrics – Neonatology  
Children’s National Hospital

<b>CONTRIBUTIONS TO MEDICAL &amp; HEALTH SCIENCE EDUCATION</b>	
<b>TEACHING ENHANCEMENTS</b>	<b>BENEFICIARIES</b>
Created Neonatal fellow physiology series	Neonatology fellows
Co-developed a 3-year Neonatology education curriculum	Neonatology fellows
<b>EDUCATIONAL SCHOLARSHIP</b>	<b>TYPE OF WORK</b>
Implementation and Maintenance of the NicView Camera System in a Level IV NICU	Quality improvement
Reducing Unplanned Extubations Through Multidisciplinary Endotracheal Tube Rounds in the Children’s National Level IV NICU	Quality improvement
<b>EDUCATIONAL LEADERSHIP</b>	<b>BENEFICIARIES</b>
Coordinator, Neonatal Resuscitation Program	Faculty, Fellows, residents, advanced practitioners, RNs, RTs
Mentor, Fellow QI	Neonatology fellows

# Ahdeah Pajooresh-Ganji, PhD

Anatomy and Cell Biology  
The GW School of Medicine & Health Sciences

<b>CONTRIBUTIONS TO MEDICAL &amp; HEALTH SCIENCE EDUCATION</b>	
<b>TEACHING ENHANCEMENTS</b>	<b>BENEFICIARIES</b>
Incorporated PLHET into Human Microscopic Anatomy didactic sessions	Undergraduate and graduate students
Redesigned the Ethics for Translational Sciences curriculum utilizing the Kolb learning cycle	Graduate students
Incorporated PLHET into Ethics for Translational Sciences online sessions	Graduate students
Used assessment tools to improve multiple-choice questions for Human Microscopic Anatomy didactic sessions	Undergraduate and graduate students
Developed several interactive Histology laboratory sessions	Graduate and medical students
<b>EDUCATIONAL SCHOLARSHIP</b>	<b>TYPE OF WORK</b>
The Efficacy of Podcast to Enhance Student Learning in Histology	Quantitative study
<b>EDUCATIONAL LEADERSHIP</b>	<b>BENEFICIARIES</b>
Member, Committee on Undergraduate Medical Education Curriculum	Faculty and students
Member, Admissions Committee for Graduate Certificate in Anatomical and Translational Sciences	Faculty and graduate students
Member, Admissions Committee for Master's in Anatomical and Translational Sciences	Faculty and graduate students
Course Director, Ethics for Translational Sciences	Graduate students
Co-Director, Human Microscopic Anatomy course	Undergraduate and graduate students

# Geoffrey Shapiro, EMT-P

Clinical Research and Leadership – Emergency Health Services Program  
The GW School of Medicine & Health Sciences

<b>CONTRIBUTIONS TO MEDICAL &amp; HEALTH SCIENCE EDUCATION</b>	
<b>TEACHING ENHANCEMENTS</b>	<b>BENEFICIARIES</b>
Adopted PLHET and adult learning theory into existing courses	Undergraduate and specialized clinical students
Redesigned syllabus to enhance learning outcomes for a clinical course being piloted	Specialized clinical students and faculty
Used adult learning principles to facilitate medical response training for the presidential inauguration	Practitioners
Facilitated several CME sessions using PLHET and providing formative feedback	Practitioners and faculty
Developed four distributive classes due to current COVID restrictions	Specialized clinical students
Facilitated an After Action Report of a Hospital Counterterrorism Preparedness Workshop	Practitioners
Designed a longitudinal training program for Special Operations medics	Specialized clinical students
<b>EDUCATIONAL SCHOLARSHIP</b>	<b>TYPE OF WORK</b>
Characteristics of Survivors of Civilian Public Mass Shootings: An EAST Multicenter Study	Mixed-methods study, published in the Journal Of Trauma
Interhospital Transfer of Critically Ill Patients Due to COVID-19 Related Respiratory Failure	Quantitative study, pushed in Air Medical Journal
"Mass Shootings" Chapter 7 in <i>Fundamental Disaster Management, 4th ed.</i>	Textbook chapter, in progress
<b>EDUCATIONAL LEADERSHIP</b>	<b>BENEFICIARIES</b>
Co-Chair, Committee for Tactical Emergency Casualty Care (TECC)	Practitioners and researchers
TECC Working Group Lead, Northern VA Emergency Response System	Students and practitioners
Editorial Board member, Journal of Emergency Medical Services, and EMS Today national conference	Students and practitioners
Program Director and Lead Instructor for a federal law enforcement agency emergency services section	Students and practitioners

<b>CONTRIBUTIONS TO MEDICAL &amp; HEALTH SCIENCE EDUCATION</b>	
<b>TEACHING ENHANCEMENTS</b>	<b>BENEFICIARIES</b>
Created an educational session using PLHET format for Healthy Generations elective	4th year medical students
Incorporated PLHET format and adult learning theory into continuity clinic lectures	Residents
Created an assessment tool for the Healthy Generations Program final project	4th year medical students
Revised pre-work and didactic session on immunizations using adult learning theory	3rd year medical students
Incorporated adult learning theory into professional rounds presentation	Medical students, residents, faculty
Incorporated adult learning theory into Goldberg-wide QI grand rounds	Faculty
<b>EDUCATIONAL LEADERSHIP</b>	<b>BENEFICIARIES</b>
Member, DEI subcommittee for students and trainees	Students, residents, and fellows
Member, CNH Medical Student Education Committee	Medical students
Co-Director, Health Generations Elective	4th year medical students
Faculty Advisor, Teen Promise Project	Medical students

# Laura Willing, MD

Pediatrics and Psychiatry and Behavioral Sciences  
Children's National Hospital

<b>CONTRIBUTIONS TO MEDICAL &amp; HEALTH SCIENCE EDUCATION</b>	
<b>TEACHING ENHANCEMENTS</b>	<b>BENEFICIARIES</b>
Integrated adult learning theory and active learning principles into Anxiety Disorders clinical rotation	Child & Adolescent Psychiatry fellows
Integrated adult learning theory and active learning principles into Mental Health didactics	Pediatric residents
Integrated adult learning theory and active learning principles into Integrated Care clinical rotation	Child & Adolescent Psychiatry fellows
Developed a 2-year curriculum for Advocacy and Health Policy	Child & Adolescent Psychiatry fellows
<b>EDUCATIONAL LEADERSHIP</b>	<b>BENEFICIARIES</b>
Member, Program Evaluation Committee	Child & Adolescent Psychiatry fellows
Associate Program Director, Child & Adolescent Psychiatry Fellowship	Child & Adolescent Psychiatry fellows



## **FACULTY FOR COHORT 19**

Ellen Goldman, EdD  
Joseph Bocchino, EdD  
Ray Francis, EdD  
Pavan Zaveri, MD, MEd

## **PROGRAM LEADERSHIP**

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