



Master Teacher Leadership Development Program

Graduation

JUNE 13, 2018

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION BY
COHORT 16 DURING THEIR MASTER TEACHER YEAR

Graduate School of Education
& Human Development

School of Medicine
& Health Sciences

**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 six 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 16.

Meet Cohort 16

REEM A. ALHAWAS, MBBS

Emergency Medicine
The GW School of Medicine & Health Sciences

MOHAMMED ABDULATEEF ALMULHIM, MBBS

Emergency Medicine
The GW School of Medicine & Health Sciences

RIBKA A. AYANA, MD

Internal Medicine
Washington D.C. Veteran's Affairs Medical Center

NADINE L. CAMP DNP, APRN, CPNP-PC

Pediatrics–Goldberg Center at Anacostia
Children's National Health System

BINNY CHOKSHI, MD

Pediatrics – Adolescent Medicine
Children's National Health System

OLANREWAJU "LANRE" FALUSI, MD

Pediatrics – General Pediatrics and Child Health
Advocacy Institute
Children's National Health System

JESSE M. PINES, MD, MBA, MSCE

Emergency Medicine
The GW School of Medicine & Health Sciences

SUMUGDHA RAYAMAJHI, MD

Hospital Medicine
The GW School of Medicine & Health Sciences

LAURA S. SCHROEDER, MD

Pediatrics–Critical Care
Children's National Health System

NICHOLAS W. SHWORAK, MD, PHD

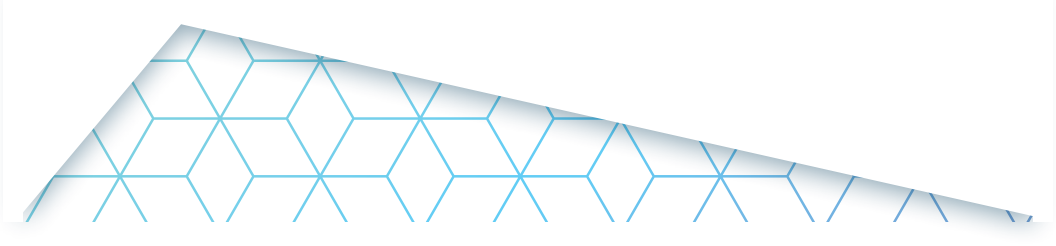
Pharmacology & Physiology
The GW School of Medicine & Health Sciences

JOHN M. YOUNG, DPS, EML

Clinical Research and Leadership
The GW School of Medicine & Health Sciences

XIAN "SAM" ZHAO, MD

Pediatrics–Emergency Medicine
Children's National Health System



Reem A. Alhawas, MBBS

Emergency Medicine
The GW School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Utilized Bloom's Taxonomy to revise 5 existing and 15 new teaching sessions	Residents & Students
Utilized PLHET format in 5 teaching sessions for medical students and residents	Residents & Students
Developed a faculty development session for the OB/GYN department on how to deliver feedback	Faculty
Designed, facilitated, and debriefed multiple simulation curricula and cases for the Emergency Medicine Residency Program (including cardiology, orthopedics and trauma, ENT, ophthalmology, urology, critical care, and gastroenterology)	Residents, Students, & Fellows
Facilitated and debriefed simulation sessions for Emergency Medicine Clerkship boot camp	Students
Designed, facilitated and debriefed cases for interdisciplinary in situ simulation for the Trauma Activation Team	Faculty, Staff, Residents, & Students
Developed evaluation checklists for various procedures in Emergency Medicine residents' training used at GW SMHS and King Fahad Hospital of the University (KFHU) in Saudi Arabia	Residents
EDUCATIONAL SCHOLARSHIP	
Peer assisted learning in the setting of the emergency department: Residents' experience	Qualitative Study (pilot)
Procedural sedation simulation course for medical providers and its effect on sedation related complications – Delivered at the International Meeting on Simulation in Healthcare	Poster Presentation
Emergency medicine, not "exactly" like TV – Delivered at the Alpha Epsilon Delta Biennial Convention	Speaker
EDUCATIONAL LEADERSHIP	
Designed PGY-1 orientation curriculum for the Emergency Medicine Program at GW SMHS and KFHU	Residents
Served on the Clinical Competency Committee for Emergency Medicine Residency Evaluation	Residents

Mohammed Abdulateef Almulhim, MBBS

Emergency Medicine
The GW School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Used the principles of adult learning in over 30 bedside clinical teaching sessions	Residents & Students
Designed, led, and debriefed multiple simulation sessions for the emergency medicine residency program using assessment of learning principles	Residents
Led multiple foundation sessions for emergency medicine residents using research-based principles for Smart Teaching	Residents
Incorporated reflection, feedback, and debriefing in the interdisciplinary simulation for the Trauma Activation Team	Physicians & Nurses
Incorporated PLHET principles in the airway management curriculum designed for medical students	Students
EDUCATIONAL SCHOLARSHIP	
Peer assisted learning in the setting of the emergency department: Residents' experience	Qualitative Study (pilot)
EDUCATIONAL LEADERSHIP	
Led Journal Club groups for emergency medicine residency	Residents
Developed the orientation curriculum for the Saudi residency program	Residents
Developed the airway management curriculum for fourth-year medical students	Students

Ribka A. Ayana, MD

Internal Medicine
Washington D.C. Veteran's Affairs Medical Center

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Integrated PLHET design into formal teaching sessions on core medical topics for fourth-year medical students	Students
Utilized active learning techniques in teaching during bedside rounds	Residents & Students
Updated acting interns lectures using PLHET design and incorporated active learning techniques	Students
Provided directed and focused feedback to students and residents on wards	Residents & Students
EDUCATIONAL SCHOLARSHIP	
What is the teaching experience of internal medicine chief residents during chief year?	Qualitative Study (pilot)
EDUCATIONAL LEADERSHIP	
Associate Director of Sub-Internship Clerkship at the Washington D.C. Veteran's Affairs Medical Center	Students
Director of Medicine Consult Service	Residents
Mentored medical students and residents in writing case reports/clinical vignettes	Students
Abstract reviewer for Society of General Internal Medicine annual conference	Residents & Faculty
Serve on the GW Clinical Competency Committee	Residents

Nadine L. Camp DNP, APRN, CPNP-PC

Pediatrics–Goldberg Center at Anacostia
Children’s National Health System

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Incorporated daily goal-setting and feedback with students in pediatric primary care clinical setting	Students
Developed active learning session for students on adolescent reproductive health	Students
Incorporated adult learning principles into clinical teaching in the pediatric primary care setting	Students
Provided both formative and summative feedback with students in pediatric primary care clinical setting	Students
EDUCATIONAL SCHOLARSHIP	
Adolescent IUD insertion in pediatric academic primary care: A case study in curriculum development – Delivered at the Children’s National Health System Research Week	Poster Presentation
What is the learning experience of pediatric residents when participating in e-learning?	Qualitative Study (pilot)
Recognition of overweight and obesity in low-income minority children by pediatric providers and child characteristics associated with under-recognition of abnormal weight	Quantitative Research
Principal Investigator Project LATER-Linking Alternatives to Early Reproduction	Community Grant
EDUCATIONAL LEADERSHIP	
Co-developed curriculum for pediatric primary care providers’ training in IUD insertion in adolescents	Faculty
Served on Nursing Research Advisory Committee, reviewed nursing research proposals	Nurses

Binny Chokshi, MD

Pediatrics – Adolescent Medicine
Children’s National Health System

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Restructured Hospital Grand Rounds presentation on childhood adversity to use PLHET and active learning principles	Residents, Fellows, Physicians, & Nurses
Incorporated adult learning principles such as shared goals, clear objectives, and summative feedback to facilitate learning during inpatient attending weeks	Students & Residents
Incorporated adult learning principles and PLHET into attending rounds for inpatient teaching	Students & Residents
Incorporated adult learning principles to facilitate adolescent patient counseling/ anticipatory guidance on contraceptive education	Patients & Caregivers
EDUCATIONAL SCHOLARSHIP	
How do pediatric residents in community health track make meaning of their community building blocks rotation?	Qualitative Study (pilot)
Assessment of feedback delivered by faculty after direct observation of skills in an observed structured clinical examination – Delivered at the Pediatric Academic Societies annual conference	Platform Presentation
Knowledge, attitudes, and skills related to trauma, adversity, and health outcomes – Delivered at the Pediatric Academic Societies annual conference	Poster Presentation
Adolescent IUD insertion in pediatric academic primary care: A case study in curriculum development – Delivered at the Children’s National Health System Research Week	Poster Presentation
Childhood adversity exposure in adolescent parents: A mixed methods study	CTSI Discovery Grant Proposal (submitted)
EDUCATIONAL LEADERSHIP	
Co-developed curriculum for pediatric primary care providers’ training in IUD insertion in adolescents	Faculty
Co-leader of pediatric level (PL)-1 Community Health Track Rotation: Community Building Blocks	Residents
Co-facilitator for PL-2 Residents as Teachers Day	Residents
Co-mentor for GW School of Medicine Health Science Professional Development Course	Students
Developed Interdisciplinary Nursing-Physician workgroup for Trauma Informed Care Education	Nurses, Physicians, & Patient Care Technicians
Lead Designer of Interactive Case Based Modules: Incorporating a Trauma Informed Approach in Pediatric Primary Care	Pediatric Primary Care Providers

Olanrewaju "Lanre" Falusi, MD

Pediatrics – General Pediatrics and Child Health Advocacy Institute
Children's National Health System

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Created online modules on the epidemiology of poverty, utilizing adult learning principles including reflection and assessments, as part of Trainee Education in Advocacy and Child Health (TEACH) curriculum	Residents & Students
Created new noon conference lecture on social determinants of health and adverse childhood experiences using PLHET	Residents
Created 3-part Medicaid module with group of pediatricians from around the country, as part of the Academic Pediatric Association Poverty Curriculum	Residents
EDUCATIONAL SCHOLARSHIP	
Human Resources & Services Administration (HRSA) career development grant to develop and evaluate TEACH child poverty curriculum.	Five-year Grant (awarded)
Presented new TEACH child poverty curriculum – Delivered at the Association of Pediatric Program Directors (APPD) Regional Meeting and Beyond Flexner National Conference	Podium Presentations
Using a community bus tour to increase knowledge of health disparities among pediatric residents	Peer-Reviewed Publication Academic Pediatrics
Health disparities in children with disabilities	Book Chapter
Pediatric resident knowledge, skills, attitudes, and experiences when caring for children in poverty	Mixed-Methods Study
Incorporated PLHET and adult learning principles into a presentation on immigrant health – Delivered at the American Academy of Pediatrics (AAP) National Conference and Children's Hospital of Philadelphia (CHOP) Global Health Conference	Podium Presentations
EDUCATIONAL LEADERSHIP	
Assistant Program Director for the Pediatric Residency Community Health Track	Residents
Served on Intern Selection Committee and co-chair of Diversity Subcommittee	Residents
Served on Program Evaluation Committee for Pediatric Residency Program	Residents
Co-mentor for resident research project to conduct a needs assessment of residents and practicing clinicians on adverse childhood experiences	Residents
Co-created a Child Health Advocacy Institute (CHAI) Affiliate Faculty Program for faculty development in advocacy	Faculty
Advisor for a longitudinal noon conference series, "Pediatric Public Health and Advocacy Curriculum" (PPHAC)	Students & Residents

Jesse M. Pines, MD, MBA, MSCE

Emergency Medicine
The GW School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Integrated teaching enhancements of increased group work and engagement, as well as PLHET into the medical research fellowship program at GW SMHS	Fellows
Integrated teaching enhancements into Healthcare Quality and Healthcare Policy course using PLHET and pair-and-share formats	Students
Integrated teaching enhancements into the Healthcare Innovation Course using PLHET and pair-and-share formats	Students
EDUCATIONAL SCHOLARSHIP	
Peer assisted learning in the setting of the emergency department: Residents' experience	Qualitative Study (pilot)
Factors important to top clinical performance in emergency medicine residency: Results of an ideation survey and Delphi panel	Academic Emergency Medicine Education & Training (submitted)
A mind for medicine: Evidence-based learning	Published Book
EDUCATIONAL LEADERSHIP	
Co-director of Clinical Practice Innovation & Entrepreneurship Scholarly Concentration	Students
Co-course director of Healthcare Quality & Healthcare Policy and Healthcare Innovation and Entrepreneurship courses	Students
Medical Director of Medical Research Fellowship Program	Fellows

Sumugdha Rayamajhi, MD

Hospital Medicine
The GW School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Integrated adult learning principles and formative feedback into inpatient internal medicine clinical and bedside teaching	Students & Residents
Integrated PLHET design in teaching session on diabetic ketoacidosis	Students
Used approaches to learning styles to redesign learning activities in clinical and bedside teaching	Students
EDUCATIONAL SCHOLARSHIP	
What is the teaching experience of internal medicine chief residents during chief year?	Qualitative Study (pilot)
EDUCATIONAL LEADERSHIP	
Refined medical curriculum for the didactic component of the acting internship rotation utilizing adult learning, Bloom's taxonomy, and curriculum development principles	Students & Clerkship Directors
Mentored more than 10 residents interested in pursuing hospital medicine and medical education	Residents
Mentored more than 15 students interested in pursuing internal medicine careers	Students

Laura S. Schroeder, MD

Pediatrics–Critical Care
Children’s National Health System

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Incorporated PLHET into didactic teaching sessions	Residents
Introduced reflection sessions into fellowship curriculum	Fellows
Applied principles of feedback and self-directed learning into resident teaching	Residents
EDUCATIONAL SCHOLARSHIP	
Pediatric residents’ experience of activating non-mandatory rapid responses	Qualitative Study (pilot)
Comparing the clinical reasoning skills used by pediatric residents and pediatric critical care experts when evaluating patients	Fellowship Research (in-progress)
Evaluating the effectiveness of night time rounds in the Pediatric ICU	Fellowship Research (in-progress)
EDUCATIONAL LEADERSHIP	
Co-creator of Fellow Rounds, a monthly conference for pediatric critical care fellows focusing on wellness and reflection	Fellows
Fellow co-leader of Fellowship Program Education Curriculum	Fellows
Served on the Program Evaluation Committee for Pediatric Critical Care Fellowship Program	Fellows
Re-designing noon conference curriculum in critical care for pediatric residents	Residents (in progress)
Co-leader of Resident Simulation Curriculum in Critical Care	Residents

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Applied PLHET and active learning to 13 renal physiology and pharmacology sessions	Students
Applied classroom assessment techniques (CATS) to two diuretics sessions	Students
Applied adult learning principles and Kolb's learning style to three pharmacokinetics sessions	Students
Enhanced content integration across CPR block	Students
EDUCATIONAL SCHOLARSHIP	
Student perceptions of active learning in preclinical medical education	Qualitative Study (pilot)
Are quizzes beneficial to high-performing, independent learners?	Mixed Methods Study (in progress)
EDUCATIONAL LEADERSHIP	
Co-director of Brain & Behavior pre-clinical block	Students
Co-director of Cardiovascular, Pulmonary, & Renal pre-clinical block	Students
Chair of Search Committee: Assistant Dean for Pre-clinical Education	Faculty & Students
Served on the Medical Educator Search Committee	Faculty & Students
Served on the Block, Theme, and Discipline Directors Committee	Faculty & Students
Served on the Pre-Clinical Curriculum Subcommittee	Faculty & Students
Served on the Committee on Undergraduate Medical Education Curriculum	Faculty & Students

John M. Young, DPS, EML

Clinical Research and Leadership
The GW School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Redesigned Improvement Science course to align with Quality Matters Standards and industry trends	Students
Integrated podcasting as a formative assessment in Building a Culture of Quality graduate course	Students
Changed weekly Blackboard discussions from "original posts" to "Analytic Memos" in three graduate courses	Students
Implemented reflection through journaling in graduate health science courses	Students
EDUCATIONAL SCHOLARSHIP	
Perspectives of non-physician medical educators teaching in academic medicine	Qualitative Study (pilot)
Student-led podcasting as a summative assessment in the health sciences	Mixed Methods Study
Time on task in online learning: An evaluation of time spent in active learning in online health science courses	Mixed Methods Study (pilot)
A narrative review of the literature on care delivery innovation in healthcare since 1900	Narrative Review
The epistemology, concept, and practice of narrative medicine in healthcare	Mixed Methods Study Emerging Scholars Grant (submitted)
EDUCATIONAL LEADERSHIP	
Facilitated an interprofessional/cross-intuitional team to explore submission of a proposal to participate in the Veterans Administration Quality Scholars (VAQS) program	Fellows
Co-director of GW SMHS Health Care Quality Program	Clinical Research & Leadership Department
Conceptualized development of a GW SMHS Faculty Fellow in Instructional Technology, Design and Analytics	Health Sciences
Developing a learning collaborative with the University of Cape Town (South Africa) to share best practice in teaching in health care quality	Students and Faculty

Xian “Sam” Zhao, MD

Pediatrics–Emergency Medicine
Children’s National Health System

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	BENEFICIARIES
TEACHING ENHANCEMENTS	
Incorporated PLHET design into presentations during weekly Pediatric Emergency Medicine conference	Fellows & Faculty
Revised lectures to better match the goals of the learners during weekly medical student and resident teaching sessions	Students & Residents
Integrated adult learning principles, Kolb’s learning styles, and PLHET design into the newly revised Pediatric Emergency Medicine-Pediatric Critical Care Medicine joint conference	Fellows & Faculty
EDUCATIONAL SCHOLARSHIP	
Student perceptions of active learning in preclinical medical education	Qualitative Study (pilot)
Faculty perspectives on integration: How is it defined planned, and assessed?	Qualitative Study
What do directors of pediatric urgent care centers identify as gaps in training in recent pediatric residency graduates?	Qualitative Study (in-progress)
EDUCATIONAL LEADERSHIP	
Co-director of Medical Student and Resident Education in the division of Pediatric Emergency Medicine	Students & Residents
Chair of Fellows’ Committee at the Children’s National Health System	Fellows

FACULTY FOR COHORT 15

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

PROGRAM LEADERSHIP

Ellen Goldman, EdD

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