



Master Teacher Leadership Development Program

Graduation

JUNE 12, 2019

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION BY
COHORT 17 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 17.

Meet Cohort 17

JALIL AHARI, MD

Medicine – Pulmonary Critical Care & Sleep Medicine
The GW School of Medicine & Health Sciences

RUTH BUETER, MLS

Himmelfarb Health Sciences Library
The GW School of Medicine & Health Sciences

KATIE DEVEAU, PhD

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

GINA GALLIZZI, MD

Pediatrics – Hospital Medicine
Children's National Health System

TENAGNE HAILE-MARIAM, MD

Emergency Medicine
The GW School of Medicine & Health Sciences

SEIJI ITO, MD

Pediatrics – Cardiology
Children's National Health System

AMY JONES, MD

Pediatrics – Critical Care Medicine
Children's National Health System

UHNOH KIM, PhD

Pharmacology and Physiology
The GW School of Medicine & Health Sciences

CAITLIN MINGEY, MD

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

LAURA O'NEILL, MD, MS

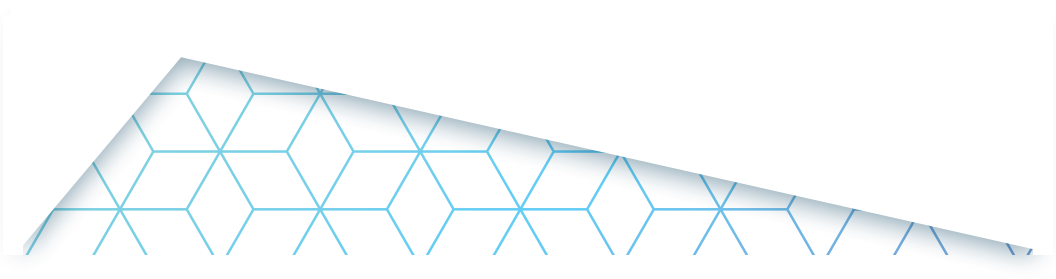
Pediatrics – Hospital Medicine
Children's National Health System

CATHY SCHEINER, MD

Pediatrics – Neurology
Children's National Health System

ASHLEY SHERWOOD, MD

OB/GYN
The GW School of Medicine & Health Sciences



Jalil Ahari, MD

Medicine – Pulmonary Critical Care & Sleep Medicine
The GW School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Integrated PLHET and adult learning theory into first year medical students' formal didactic sessions	Students
Integrated PLHET and adult learning theory into the Pulmonary and Critical Care Fellows' didactic lecture	Fellows
Facilitated Fellows' simulation sessions for mechanical ventilator use, incorporating formative feedback and using PLHET	Fellows
Facilitated morning report sessions on TB, respiratory failure and COPD using formative feedback and PLHET	Residents
Integrated PLHET and adult learning theory into fourth year medical students' formal didactic sessions/simulation lecture on mechanical ventilator	Students
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
How do physicians experience their patients' difficulties in accessing prescribed medications?	Qualitative Study (Pilot)
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Serve as associate program director for Internal Medicine Residency Program	Residents
Serve as Program Director for Pulmonary and Critical Care Medicine Fellowship Program	Fellows
Serve on the board of directors of the Metropolitan DC Thoracic Society	Researchers, Practitioners

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Developed a faculty development session on predatory publishing utilizing Bloom's Taxonomy and PLHET for SMHS, GWSPH, and SON faculty authors	Faculty
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
Avoiding predatory publishing: The role of librarians in faculty education, WRLC Bridging the Gap Symposium speaker, Catholic University of America	Conference Presentation
What is the experience of librarians without medical librarianship or health sciences educational training working in a medical library?	Qualitative Study (Pilot)
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Designed draft curriculum for scholarly publishing workshop series curriculum focusing on the publication process, understanding peer-review and copyright, predatory publishing, and promoting published research	Faculty

Katie DeVeau, PhD

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

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Developed a student-led review assessment for the 2160/6160 Neuroanatomy course	Students
Re-designed two sessions (Introduction to the Brainstem, and The Limbic and Olfactory System) to include reflection	Students
Re-designed 15 current teaching sessions to follow a PLHET design and incorporated more active learning techniques	Students
Developed 8 pre-session videos to proceed in session facilitation	Students
Enhanced content integration in Brain and Behavior Block by developing Gross Anatomy and Histology integrated sessions and case based review sessions.	Students
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
Evaluating the use of 3D printed models in graduate and undergraduate Human Neuroanatomy; Co-Principal investigator	Quasi-Experimental
How do physicians experience their patients' difficulties in accessing prescribed medications?	Qualitative Study (Pilot)
Designing a three-seminar workshop to increase student's confidence in beginning the academic job search; Co-principal investigator	Mixed Methods
Efficacy of preparatory work for graduate Gross Anatomy; Investigator	Quasi-Experimental
Virtual reality to enhance Gross Anatomy education in graduate and medical student programs; Investigator	Mixed Methods Study
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Co-Director of Brain and Behavior Block	Students
Co-Director of 2160/6160 Functional and Clinical Neuroanatomy	Students
Serve on the Block, Theme, and Discipline Directors Committee	Faculty & Students
Serve on the Pre-clinical Curriculum Subcommittee	Faculty & Students

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Used adult learning principles in multiple bedside teaching sessions on topics including orthopedic procedures, febrile neonates, fluids, and bronchiolitis	Students & Residents
Redeveloped third year Pediatric rotation FEN cases into PHLET format	Students
Redesigned documentation session for intern orientation to correctly use PHLET principles	Interns
Incorporated more active learner involvement in weekly feedback	Students & Residents
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
Developed two congenital heart disease modules as part of a newborn care curriculum pilot. Curriculum is pending publication	Descriptive
What is the experience of Pediatric Residents in discussing a medical error to parents of a hospitalized child?	Qualitative Study (pilot)
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Co-coordinator of Hospitalist journal club	Hospitalists
Lead of Orthopedic Hospitalist group which gives on-the-fly teaching about pediatric topics to Orthopedic Residents	Residents
Lead for Pediatric Clerkship FEN cases and teaching session	Students

Tenagne Haile-Mariam, MD

Emergency Medicine
The GW School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Utilized Bloom's Taxonomy to revise 4 basic wound care lectures	Residents & Students
Delivered the lecture on "Approach to Wounds in the ED" incorporating adult learning principles such as hooks, pre-class needs assessment, and questions	Residents & Students
Used "hooks" to enhance CSR teaching sessions with students	Students
Started using Himmelfarb "durable links" to reinforce bedside teaching	Residents
Utilized my community service (providing physicals for Boy Scouts) to teach adolescents about basic nutrition	General Public
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
How do physicians experience their patients' difficulties in accessing prescribed medications?	Qualitative Study (pilot)
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Serve on Clinical Competency Committee for Emergency Medicine Residency	Residents

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Revised and led didactic series on adult congenital heart disease for Cardiovascular Disease Fellows using PHLET and Bloom’s Taxonomy	Fellows
Revised and led didactic series on adult congenital heart disease for CNMC Pediatric Cardiology Fellows using PHLET and Bloom’s Taxonomy	Fellows
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
What are Pediatric Cardiologists’ challenges in providing care to adult patients with cardiac disease in children’s hospital?	Qualitative Study (Pilot)
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Serving as an editorial board member for ACHD learning center (web-based learning resource)	Practitioners
Preparing a new ACGME accreditation application for ACHD Fellowship	Practitioners

Amy Jones, MD

Pediatrics–Critical Care Medicine
Children’s National Health System

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Utilized Bloom's Taxonomy to create PICU Book Club curriculum	Fellows
Created and implemented a Central Line Checklist for Critical Care Fellows	Fellows
Created series of mini-didactics and electronic materials on "Understanding Limitations of Care" in the PICU	Nurses, Fellows
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
Determining providers' ability to prognostic intubation (poster)	Society of Critical Care Medicine
A qualitative analysis of parental conflict, regret, and impacts on quality of life in tracheostomy decision-making	Pediatric Critical Care Colloquium
To trach or not to trach: Exploration of parental conflict, regret and impacts on quality of life in tracheostomy decision method (poster)	CNMC Research & Education Week
Improving code status documentation and understand in the Pediatric ICU (poster)	Pediatric Critical Care Colloquium
Use of the internet to gauge public perception of brain death	Published in Chest
Investigation of public perception of organ donation and brain death using a novel crowdsourcing approach (poster)	Society of Critical Care Medicine
What is the experience of Pediatric Residents in discussing a medical error to parents of a hospitalized child?	Qualitative Study (Pilot)
Goodbye pagers, hello online platforms: Embracing modern technology for communication with research participants	Pediatric Critical Care Medicine Editorial
Differentiating internet fact from fiction in brain death	Chest Editorial
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Senior Fellow Education Chair	Fellows
Critical Care Fellow Book Club co-creator and wellness lecture series co-facilitator	Fellows
PICU/PEM educational team member to revise Joint PICU/PEM Conference	Fellows, Attendings
Program Evaluation Committee: Informal education in the PICU workgroup team co-leader	Fellows, Attendings
Co-created informal educational curriculum for PICU Fellows	Fellows

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Established in students the physiologic conceptual frameworks upon which they can further build pathological knowledge and clinical application	M1, M2, & PA students
Enhanced the learning of basic and clinical neurosciences by integrating the principles of how the brain functions in health but can be dysfunctional in disease	M1, M2, & PA students
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
What are the experiences of medical educators in advising students who are struggling in academic performances?	Qualitative Study (pilot)
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Co-Director of Brain and Behavior Block	M2 students
Director of Physiology 6211 (physiology course for PA students)	PA students

Caitlin Mingey, MD

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

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Integrated PLHET and adult learning theory into third year medical student formal didactic session on antibiotic selection and use	Students
Incorporated adult learning principles into facilitation of first and second year medical student small group sessions	Students
Facilitated and debriefed clinical simulation sessions for Physician Assistant students using formative feedback and adult learning principles	Students
Revised Resident morning report on vertebral osteomyelitis using PHLET design	Residents
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
What is the experience of Hospitalists in balancing clinical care and teaching responsibilities while attending on inpatient medicine Resident teams?	Qualitative Study (pilot)
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Designed a series of faculty development online modules to improve Hospitalist medical education practices (module topics included precepting techniques, adult learning theory, learner feedback, and internal medicine third year clerkship logistics)	Faculty
Serve on the United Medical Center Medical Education Committee	Faculty, Staff, & Students
Served on the USMLE Medical Student and Resident Advisory Panel	Students, Medical Testing/Licensing Bodies
Designed and implemented a 1-hour “Residents-As-Teachers” training session for GW Internal Medicine Residents	Residents

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Utilized Bloom's Taxonomy to develop session for Professorial Rounds	Medical Students, Residents, & Faculty
Utilized Bloom's Taxonomy and PHLET format to develop session for Noon Conference to increase Resident knowledge of American Academy of Pediatrics Pneumonia Guidelines	Residents & Medical Students
Utilized PHLET format in 12 Hospitalist teaching sessions per year	Residents & Medical Students
Utilized PHLET format in 4 teaching sessions for Senior Residents as Teachers (SRAT)	Residents
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
Mixed methods study to understand how expert clinicians identify the ill child	Fellowship Research
Increasing discharge guideline-concordant antibiotic prescribing for children with pneumonia by educational interventions (Research and Education Week 2019)	Fellowship Research
What is the experience of Pediatric Residents in discussing a medical error to parents of a hospitalized child?	Qualitative Study (pilot)
Workshop to improve knowledge and skills related to how to physicians manage adverse events at Pediatric Academic Societies, 2019	National Conference
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Designing curriculum on managing medical adverse events for Pediatric Residency Program at Children's National	Residents
Developed faculty development session for Pediatric Hospital Medicine Department on how to manage adverse events	Faculty

Cathy Scheiner, MD

Pediatrics – Neurology
Children’s National Health System

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Utilized Bloom's Taxonomy to create action-oriented objectives for the Neurodevelopmental Pediatrics rotation	Residents
Led teaching session with colleagues on the principals of adult learning	Faculty & Attendings
Introduced colleagues to PHELT format as a guide to future educational sessions with Residents	Attendings & Residents
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
How do Pediatric Residents make meaning of the George Washington Neonatal Intensive Care Unit rotation?	Qualitative Study (pilot)
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Revised curriculum in Neurodevelopmental Pediatrics	Residents

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Completed assessments of Fellow-led teaching sessions with feedback based on effective adult learning practices	Fellows
Incorporated principles of adult learning in bedside clinical teaching sessions	Residents & Fellows
Mentored Residents in development of personal and professional goal-setting during the GW NICU rotation	Residents
EDUCATIONAL SCHOLARSHIP	TYPE OF WORK
How do Pediatric Residents make meaning of the George Washington Neonatal Intensive Care Unit rotation?	Qualitative Study (pilot)
EDUCATIONAL LEADERSHIP	BENEFICIARIES
Designed a hands-on workshop in delivery room stabilization of neonates with abdominal wall defects	Fellows
Completed a needs assessment and redesign of the intern orientation curriculum for the GW NICU	Residents
Implemented new curriculum and assessment methods for GW NICU Resident rotation	Residents

FACULTY FOR COHORT 17

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

PROGRAM LEADERSHIP

Ellen F. Goldman, EdD, MBA

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Professor, Human & Organizational Learning
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