



Master Teacher Leadership Development Program

Graduation

JUNE 2022

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION
BY COHORT 20 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 (SMHS), the Master Teacher Leadership Development Program (MTLDP) has three main purposes:

1. To enhance teaching skills,
2. To develop education 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 20.



Meet Cohort 20

YASSER AJABNOOR, MD
Emergency Medicine
School of Medicine & Health Sciences

TANIA ALCHALABI, MD
Medicine – Geriatrics and Palliative Medicine
School of Medicine & Health Sciences

STACY BRODY, MI
Himmelfarb Health Sciences Library
School of Medicine & Health Sciences

DAN CASELLA, MD
Urology
Children's National Hospital

JARED CHOWDHURY, MD
Medicine – Hospital Medicine
School of Medicine & Health Sciences

SOUHEIL GHANNOUCHI, PhD
Physician Assistant Studies
School of Medicine & Health Sciences

SABRINA GUSE, MD
Emergency Medicine
Children's National Hospital

IAN HOVIS, MD
Cardiology
Children's National Hospital

E-BETH HUBBARD, MD
Hospital Medicine
Children's National Hospital

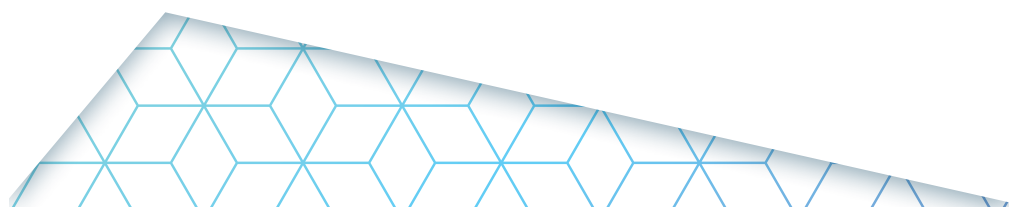
SPANDANA "SPUD" INDURU, MD
Hospital Medicine
Children's National Hospital

DAN KAREL, DO
Medicine – Internal Medicine
School of Medicine & Health Sciences

CHRISTINA LINDGREN, MD
Emergency Medicine
Children's National Hospital

JEFF STRELZIK, MD
Neurology
Children's National Hospital

NATE' WARDLOW, MPH, PA-C
Physician Assistant Studies
School of Medicine & Health Sciences



Yasser Ajabnoor, MD

Emergency Medicine
School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Designed knee arthrocentesis simulation	Medical students
Developed elective telehealth curriculum	Residents
EDUCATION SCHOLARSHIP	TYPE OF WORK
Prepared literature review on telehealth education curricula	Research review
Identified research study to inform assessment of elective telehealth curriculum	Quantitative study
Studied the applicability of AAMC telehealth core competencies into residency/fellowship curriculum	Descriptive study
EDUCATION LEADERSHIP	BENEFICIARIES
Facilitated session on creativity and innovation	MTLDP Cohort 20
Member, Diabetes Mellitus Project Echo at University of Washington	Primary care providers and PA students
Faculty, Emergency Department at University of Jeddah, Saudi Arabia	Medical students

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Incorporated adult learning principles and clear learning objectives	Third-year medical students, Internal Medicine residents, and Geriatric and Palliative Medicine fellows
Created a curriculum for outpatient geriatrics and used curriculum development tools	Second-year Internal Medicine residents
Applied PLHET on all sessions	Third-year medical students, Internal Medicine residents, and Geriatric and Palliative Medicine fellows
EDUCATION SCHOLARSHIP	TYPE OF WORK
In the process of writing about curriculum development	Manuscript
EDUCATION LEADERSHIP	BENEFICIARIES
Director, Internal Medicine outpatient geriatric rotation	Second-year medical residents

Stacy Brody, MI

Himmelfarb Health Sciences Library
School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Applied PLHET to Himmelfarb Library workshops	Students, faculty, and staff of the schools served by Himmelfarb Library: School of Nursing, the Milken Institute School of Public Health, and SMHS
Redesigned a law, policy, and ethics session for first year medical students using PLHET and according to the principles of adult learning	SMHS faculty and students
Revised questions, rubrics, and scoring for informatics assessments in the pre-clinical Practice of Medicine course	SMHS faculty and students
Developed grading rubrics to standardize feedback and scoring of presentations	SMHS faculty
Provided pre-work for library orientation sessions	Himmelfarb librarians
Created a curriculum map and timeline of evidence-based medicine sessions in pre-clinical courses	Medical students
EDUCATION SCHOLARSHIP	TYPE OF WORK
Prepared a literature review on evidence-based medicine education	Literature review
Identified readings for School of Nursing course on social determinants of health	Curriculum design
Searched for literature on physical diagnosis instruction in pre-clinical medical education	Literature search
Appraised articles on experimental study design in education research	Article appraisal
EDUCATION LEADERSHIP	BENEFICIARIES
Contributed to discussions about evidence-based medicine in the pre-clinical curriculum, including strategies to integrate learning across courses	SMHS faculty
Co-facilitated session on organization of knowledge	MTLDP Cohort 20
Organized instructional materials for embedded librarian instructors and liaised between librarians and course directors	Himmelfarb librarians

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Developed new curriculum for educating residents and fellows on state-of-the-art management of patients with differences in sex development	Urology residents, pediatric urology fellows, patients, and the families of patients with differences in sex development
Integrated PLHET into the pediatric urology didactic curriculum	Urology residents, pediatric urology fellows, pediatric urology faculty
EDUCATION LEADERSHIP	BENEFICIARIES
Program Director, Pediatric Urology Fellowship Program	Urology residents, pediatric urology fellows, pediatric urology faculty

Jared Chowdhury, MD

Medicine – Hospital Medicine
School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Incorporated adult learning principles, assessments, and feedback into inpatient Internal Medicine clinical and bedside teaching	Students and residents
Integrated adult learning principles and curricular design into 4th year medical student transition to residency course at GW SMHS	Students
Integrated adult learning principles, assessments and feedback into Internal Medicine simulation course designed for medical interns	Residents
Integrated adult learning principles for Internal Medicine residents & faculty members for clinical documentation	Residents and faculty
Designed assessments for Internal Medicine simulation course	Residents
EDUCATION SCHOLARSHIP	TYPE OF WORK
Prepared literature review on transition to residency curriculum	Systematic review
Appraised articles for Internal Medicine simulation courses	Systematic review
Impact of outlier status on critical care patient outcomes: Does boarding medical intensive care unit patients make a difference?	Journal of Critical Care
Fooled by Fat: A Delay in Appropriate Triaging in Hypertriglyceridemia-Induced Pancreatitis	Poster presentation at SHM Annual Conference
EDUCATION LEADERSHIP	BENEFICIARIES
Course Director, Transition to Residency Internal Medicine	Students
Mentored trainees interested in pursuing hospital medicine careers	Students and residents
Abstract reviewer, Annual SHM & ACP poster presentation	Students, residents, and faculty

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Developed a new session on critical importance of physics in medicine	New post-bac pre-med students
Designed a preparatory curriculum for successful admission into pre-med programs and medical schools	College students who are considering medicine, candidates who were admitted to the post-bac pre-med program, college advisors
Redesigned my courses to incorporate the PLHET format and adult learning theory and active learning principles	Post-bac pre-med students
Revised and diversified my assessment tools	Post-bac pre-med students
EDUCATION SCHOLARSHIP	TYPE OF WORK
Co-author: Post-Baccalaureate Pre-Medicine Programs: A Non-Traditional Route to Graduate Medical Education	Book chapter
EDUCATION LEADERSHIP	BENEFICIARIES
Member, Pre-Med Admission Committee	Pre-med faculty and applicants
Chair, Student Progress Committee	Pre-med faculty and students
Member, Committee on Health Sciences Student Evaluation	Faculty and students

Sabrina Guse, MD

Emergency Medicine
Children's National Hospital

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Redesigned Head Trauma resident noon conference using principles of adult learning and PLHET format	Medical students and residents
Incorporated adult learning principles into resident didactic sessions	Medical students and residents
Incorporated adult learning principles into clinical teaching in the emergency department	Medical students, residents, fellows
Designed an advocacy curriculum and assessment methods for the Pediatric Emergency Medicine fellowship	Pediatric Emergency Medicine fellows, faculty, and patients
Development of a standardized simulation-based "bootcamp-style" curriculum for first-year pediatric emergency medicine fellows	AAP Society of Emergency Medicine Simulation Work Group
EDUCATION SCHOLARSHIP	TYPE OF WORK
Prepared literature review on advocacy curriculum for Pediatric Emergency Medicine fellowship	Literature review
EDUCATION LEADERSHIP	BENEFICIARIES
Associate Program Director, Pediatric Emergency Medicine Fellowship	Pediatric Emergency Medicine fellows
Member, Program Evaluation Committee, Pediatric Emergency Medicine Fellowship	Pediatric Emergency Medicine fellows
Member, Education Leadership Committee, Pediatric Emergency Medicine	Medical students, residents, advanced practice providers, fellows, and faculty

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Restructured educational experience of inpatient cardiology rounds using PLHET	Residents and medical students
Designed a curriculum targeted at caregivers of children with congenital heart disease	Families
Integrated adult learning principals into pediatric cardiology inpatient and outpatient rotations	Fellows, residents, medical students
EDUCATION SCHOLARSHIP	TYPE OF WORK
Prepared literature review on the development of a curriculum targeted at caregivers of children with congenital heart disease	Literature review
Identified research study to inform assessment of developing a curriculum targeted at caregivers of children with congenital heart disease	Research design
EDUCATION LEADERSHIP	BENEFICIARIES
Director, Medical Student Education in Pediatric Cardiology	Medical students
Rotation Director, Pediatric Cardiology Elective	Medical students
Member, Simulation Peer Review Committee	Faculty

E-beth Hubbard, MD

Hospital Medicine
Children's National Hospital

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Re-designed and delivered a genitourinary and gynecological board review session for the Pediatric Hospital Medicine Fellows Board Review course	Pediatric Hospital Medicine faculty and fellows
Designed and delivered a faculty development session on social media for the Pediatric Hospital Medicine Faculty Development series	Pediatric Hospital Medicine faculty and fellows
Developed a curriculum to introduce critical reflection as a tool to enhance patient care for pediatric interns	Pediatric interns
Used adult learning principles to enhance teaching and feedback while on academic service	Pediatric residents and medical students
EDUCATION SCHOLARSHIP	TYPE OF WORK
Prepared a literature review on utilizing critical reflection to enhance patient care	Literature review
Identified a research study to inform assessment of the critical reflection curriculum	Quantitative study
EDUCATION LEADERSHIP	BENEFICIARIES
Member, Youth Voter Initiative Committee	Patients
Facilitator, Global Network for Simulation in Healthcare Interprofessional Learning Session	Pediatric residents and nurses

Spandana "Spud" Induru, MD

Hospital Medicine
Children's National Hospital

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Used adult learning principles to enhance bedside and rounds related education of multiple topics	Students on Pediatric Clerkships and residents on Hospital Medicine
Created a longitudinal professional development curriculum for pediatric chief residents focusing on leadership development, conflict management, and guided growth and coaching	Chief residents
Assisted as a liaison facilitator for institutional fellows' general curriculum	Pediatric fellows
Incorporated and solicited learners' values, motivations, and goals to tailor feedback and coaching	Students and residents
Designed faculty development session of use of social media in Pediatrics	Pediatric Hospital Medicine faculty and fellows
EDUCATION SCHOLARSHIP	TYPE OF WORK
Bear Buddies - Resident and Fellow Mentorship Matching	Quantitative study (pilot)
EDUCATION LEADERSHIP	BENEFICIARIES
Liaison, Fellows Core Curriculum	Fellows
Fellow representative, House Staff Council and Fellow Wellness Subcommittee	Fellows and residents

Dan Karel, DO

Medicine – Internal Medicine
School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Incorporated PLHET into multiple “noon conference” didactic sessions	Medical residents and medical students
Utilized active learning techniques as discussion leader for the “transition to residency” course	Fourth-year medical students
Utilized active learning techniques as a preceptor for medical students on their primary care rotation	Third-year medical students
Developed a pilot curriculum in Lifestyle Medicine	Third-year medical students
EDUCATION SCHOLARSHIP	TYPE OF WORK
Evaluation of an experimental study in medical education research: Thrall GC, Coverdale JH, Benjamin S, Wiggins A, Lane CJ, Pato MT. A Randomized Controlled Trial of Team-Based Learning Versus Lectures with Break-Out Groups on Knowledge Retention. Acad Psychiatry. 2016;40(5):755-760.	Appraisal of literature
EDUCATION LEADERSHIP	BENEFICIARIES
Co-chair, Resident Quality Improvement Committee during residency	Residents from multiple specialties at GW
Delivered faculty development session to provide education on care of patients with long COVID	Division of General Internal Medicine faculty

Christina Lindgren, MD

Emergency Medicine
Children's National Hospital

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Restructured teaching sessions for the resident emergency medicine curriculum using PLHET	Residents and medical students
Incorporated adult learning principles into clinical teaching in the emergency department	Medical students, residents, fellows
Designed an airway curriculum for pediatric emergency medicine fellows	Fellows
Created an assessment rubric for airway education	Fellows
Integrated adult learning principles to the overall curriculum for pediatric emergency medicine fellows	Fellows and faculty
EDUCATION SCHOLARSHIP	TYPE OF WORK
Interprofessional Debrief on Racism, Equity, and Microaggressions (I-DREAM)	Quantitative study
Simulation-based diversity and inclusivity curriculum in EM training	Qualitative study
PEM Clerkship exam assessment	Quantitative study
EDUCATION LEADERSHIP	BENEFICIARIES
Associate Fellowship Director, Pediatric Emergency Medicine Fellowship	Fellows
Member, Children's National Diversity Equity and Inclusion Subcommittee on Curriculum and Training	Interdisciplinary teams across Children's National
Judge, American Academy of Pediatrics EmergiQuiz	Fellows, faculty, and medical students
Member, Program Evaluation Committee, Pediatric Emergency Medicine Fellowship	Pediatric Emergency Medicine fellows
Member, Education Leadership Committee, Pediatric Emergency Medicine	Medical students, residents, advanced practice providers, fellows, and faculty

Jeff Strelzik, MD

Neurology
Children's National Hospital

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Redesigned the localization sessions in the Neurology residents' didactic curriculum	Neurology residents
Designed and structured a didactic curriculum for Child Neurology Residency Program	Neurology residents
Audited a teaching session for a member of the Child Neurology teaching faculty	Neurology residents
Used PLHET model to design and teach a session for MTLDP on work-based assessments	MTLDP Cohort 20
Used PLHET model to design and teach a session for MTLDP on quasi-experimental research design	MTLDP Cohort 20
Used PLHET model to design and teach a session for MTLDP on development of mastery	MTLDP Cohort 20
EDUCATION SCHOLARSHIP	TYPE OF WORK
Designing a didactic curriculum for residency	Literature review
Work-based assessments presentation	Critical review of articles
EDUCATION LEADERSHIP	BENEFICIARIES
Associate Program Director, Child Neurology Residency Program	Child Neurology residents
Site Director, GW Medical Student Clerkship	SMHS medical students
Member, Clinical Competency and Evaluation Committee, Child Neurology Residency Program	Department of Child Neurology
Core Teaching Faculty Group, Child Neurology Residency	Child Neurology residents, pediatrics residents
Member, Child Neurology Program Directors Society	Child Neurology residents

Nate' Wardlow, MPH, PA-C

Physician Assistant Studies
School of Medicine & Health Sciences

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCES EDUCATION	
TEACHING ENHANCEMENTS	BENEFICIARIES
Utilized PLHET format and incorporated adult learning principles into the clinical year critical care simulation program	Clinical year Physician Assistant students
Developed a clinical year seminar series curriculum	Clinical year Physician Assistant students
EDUCATION SCHOLARSHIP	TYPE OF WORK
Prepared literature review on Physician Assistant clinical year curriculums	Literature review
Designed assessment methods for the clinical year seminar series curriculum	Qualitative study (pilot)
EDUCATION LEADERSHIP	BENEFICIARIES
Designed and proposed the clinical year seminar series program	Clinical year Physician Assistant students and faculty
Developed and implemented a project plan for intergenerational teams	MTLDP Cohort 20
Co-facilitated a session on performance tests as an assessment method	MTLDP Cohort 20
Co-facilitated a session on intergenerational teams	MTLDP Cohort 20
Integrated team-building exercises into Physician Assistant clinical team meetings	Faculty and staff
Director of Clinical Education	Clinical year Physician Assistant students

FACULTY FOR COHORT 20

Ellen Goldman, EdD, MBA
Joseph Bocchino, EdD, MBA
Pavan Zaveri, MD, MEd
Debra "Dee Dee" Herrmann, DHSc, MPH, PA-C

PROGRAM LEADERSHIP

Ellen Goldman, EdD, MBA
Professor, Human & Organizational Learning
Director, Master Teacher Leadership Development Program
Graduate School of Education and Human Development

Francine Krull
Manager, Master Teacher Leadership Development Program
Graduate School of Education and Human Development

Yolanda Haywood, MD
Senior Associate Dean, Diversity and Faculty Affairs
Associate Professor, Department of Emergency Medicine

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