

THE GEORGE WASHINGTON UNIVERSITY

FACULTY FOR COHORT 12

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PROGRAM LEADERSHIP

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*Master Teacher Leadership
Development Program*

GRADUATION • JUNE 11, 2014

THE GEORGE WASHINGTON UNIVERSITY

WASHINGTON, DC

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION
BY COHORT 12 DURING THEIR MASTER TEACHER YEAR

Graduate School
of Education
& Human Development

THE GEORGE WASHINGTON UNIVERSITY

School of Medicine
& Health Sciences

THE GEORGE WASHINGTON UNIVERSITY

About the Program

Tracy L. Yarbrough

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 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 12.

Contributions to Medical & Health Science Education	Beneficiaries
TEACHING ENHANCEMENTS	
Redesigned and facilitated learning events on respiratory, endocrine/reproductive, and renal physiology/ pharmacology based on adult learning principles	Students
Developed and mediated clinical case-based interactive online discussion forum	Students
Collaboratively revised learning objectives for physiology discipline content within revised medical school curriculum	Students
Developed online selected-response formative assessments in cardiac and renal physiology	Students
Revised endocrine and reproductive physiology constructed-response written exams with scoring rubric	Students
Collaborated on redesign of assessment and remediation strategies for clinical skills and knowledge competence to reflect newly-published Accreditation Council for Graduate Medical Education (ACGME) milestones	Residents
EDUCATIONAL SCHOLARSHIP	
What is the experience of pre-clinical course directors when collaborating in the development of an integrated medical curriculum?	Qualitative Study
Assessment of pre-clinical medical student and faculty attitudes toward professionalism	Cross-sectional Survey Study
EDUCATIONAL LEADERSHIP	
Co-director for Cardiovascular/Pulmonary/Renal block within revised medical school curriculum	Students
Academic sub-committee member, GWU SMHS strategic planning taskforce	Students & Residents
Program chair for American College of Nuclear Medicine annual educational meeting	Residents, Fellows & Practicing Physicians

Jaime Liou Wolfe

Meet Cohort 12

Contributions to Medical & Health Science Education

Beneficiaries

TEACHING ENHANCEMENTS	
Redesigned the fellowship evaluation forms to better reflect knowledge and skills necessary to meet the subspecialty entrustable professional activities (EPAs) and milestones	Fellows
Incorporated adult learning principles into pediatric-gastroenterology teaching and feedback	Fellows, Students & Residents
EDUCATIONAL SCHOLARSHIP	
What is the experience of residents on a general inpatient team working with subspecialty consultants?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Designed pediatric gastroenterology curriculum to convey basic medical knowledge in a manner consistent with adult learning principles	Fellows
Developed gastroenterology and intestinal rehabilitation rotation curriculum for inpatient teaching sessions	Residents
Provided mentoring of REACH research projects for two residents	Residents
Established a new adult gastrointestinal (GI) procedural rotation for pediatric GI fellows to meet the need for advanced endoscopic experience	Fellows

JAMEEL ABUALENAIN, MD, MPH
Emergency Medicine
GW School of Medicine and Health Sciences

KIRSTEN MARIE BROWN, PhD
Anatomy & Regenerative Biology
GW School of Medicine and Health Sciences

MYRIAM FERZLI, MD
Obstetrics & Gynecology
GW School of Medicine and Health Sciences

HOPE JACKSON, MD
Surgery
GW School of Medicine and Health Sciences

NAZREEN JAMAL, MD
Pediatrics-Emergency Medicine
Children's National Health System

JESSICA LOGAN, MD
Hospitalist Medicine
DC Veterans Affairs Medical Center

MARTIN G. OTTOLINI, MD, COL. (RET), USAF, MC
Pediatric Infectious Diseases
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Pediatrics-Hospitalist Medicine
Children's National Health System

MARIAM SAID, MD
Pediatrics-Neonatology
Children's National Health System

ELAINE SULLO, MLS, MAEd
Himmelfarb Health Sciences Library
GW School of Medicine and Health Sciences

JAIME LIOU WOLFE, MD
Pediatrics-Gastroenterology
Children's National Health System

TRACY L. YARBROUGH, MD, PhD
Pharmacology & Physiology
GW School of Medicine and Health Sciences

Jameel Abualenain

Elaine Sullo

Contributions to Medical & Health Science Education

Beneficiaries

TEACHING ENHANCEMENTS	
Developed and delivered three emergency medicine simulation scenarios using adult learning principles	Residents
Incorporated adult learning principles into emergency medicine small group lectures and simulation sessions	Students & Residents
Incorporated adult learning principles, assessment, and feedback into clinical and bedside teaching in the emergency department	Students & Residents
Provided continuous oral and written feedback using adult learning principles for emergency medicine students and residents	Students & Residents
EDUCATIONAL SCHOLARSHIP	
Comparing standard vs. video-based teaching for ultrasound-guided internal jugular central venous catheter access for 4th year medical students	Quantitative Research
Emergency Care and the Public's Health. Editor & Author. Published by John Wiley & Sons	Book (Published)
What is the experience of faculty in surgical specialties transitioning back to work after 6-12 weeks of maternity leave?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Developed potential design of emergency medicine curriculum	Interns (Saudi Arabia)
Provided mentoring for improving grand rounds talks and presentations	Residents
Recognized by the Society for Simulation in Healthcare as a Certified Healthcare Simulation Educator (CHSE)	Students, Residents & Faculty

Contributions to Medical & Health Science Education

Beneficiaries

TEACHING ENHANCEMENTS	
Revised a library orientation session for Family Nurse Practitioner Certificate students based on adult learning principles	Students (nursing)
EDUCATIONAL SCHOLARSHIP	
What is the experience of nurse educators when remediating the clinical competencies of practicing nurses?	Qualitative Study
<i>Closing the gap: Serving a new cohort of undergraduate nursing students on a separate campus</i> (Poster Presentation)	Medical Library Association (MLA)
EDUCATIONAL LEADERSHIP	
Developed curriculum to teach undergraduate nursing students how to use the BSN library resources portal - an online community and collection of resources	Students (nursing)

Mariam Said

Kirsten Marie Brown

Contributions to Medical & Health Science Education

Beneficiaries

TEACHING ENHANCEMENTS	
Incorporated identification of self-directed goals at start of clinical neonatology rotation with frequent feedback throughout	Fellows & Residents
Incorporated PLHET design into NICU morning lectures	Residents
Incorporated active learning and classroom assessment techniques into Pediatrics bedside rounds	Fellows & Residents
Incorporated structured formative and summative feedback for clinical neonatology rotation	Fellows & Residents
EDUCATIONAL SCHOLARSHIP	
What is the experience of pediatric residents transitioning to a fellowship in pediatric critical or emergency medicine?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Redesigned fellows board review curriculum to incorporate principles of adult learning and active learning techniques	Fellows
Provided mentoring for fellows' and residents' research projects	Fellows & Resident
Served on committee to redesign departmental lecture series (incorporating formal needs assessment, as well as formal evaluation tools), now eligible for continuing medical education (CME) credit	Faculty
Involved in formulation of entrustable professional activities (EPAs) and restructuring of current evaluation tools for neonatal-perinatal fellow	Fellows

Contributions to Medical & Health Science Education

Beneficiaries

TEACHING ENHANCEMENTS	
Applied PLHET design to teaching sessions on spinal cord injury	Students
Incorporated formative assessment into an undergraduate gross anatomy course	Students
Incorporated feedback during gross anatomy and neuroanatomy lab instruction	Students
Supervised and coordinated active learning sessions in the gross anatomy lab for OB/GYN	Students & Residents
Assisted in active learning sessions using ultrasound to demonstrate gross anatomy	Students
EDUCATIONAL SCHOLARSHIP	
What is the experience of pre-clinical course directors when collaborating in the development of an integrated medical curriculum?	Qualitative Study
Student perceptions of premedical coursework in the anatomical science	Quantitative & Qualitative Study
<i>Improving OB/GYN anatomy education through nesting interactive and clinically relevant anatomical sciences e-modules in the curriculum</i> (Podium Presentation)	American Association of Anatomists
EDUCATIONAL LEADERSHIP	
Developed gross anatomy and neuroanatomy curricula as part of a Anatomical and Translational Sciences Certificate	Students
Provided mentoring in adult learning theory and active teaching strategies in Anatomy & Regenerative Biology department	Faculty
Provided mentoring to incorporate formative assessment techniques in gross anatomy courses	Faculty
Offered technology support for online modules creation	Students & Faculty
Contributed to revised medical curriculum development	Students & Faculty

Myriam Ferzli

Padmaja Pavuluri

Contributions to Medical & Health Science Education

Beneficiaries

TEACHING ENHANCEMENTS	
Integrated gross anatomy into the intern core lectures	Residents
Facilitated Practice of Medicine (POM) IV workshop on OB emergencies using adult learning principles	Students
Provided structured feedback to medical students and OB/GYN residents	Students & Residents
Applied PLHET design in OB/GYN lectures on ultrasound	Students, Staff & Residents
EDUCATIONAL SCHOLARSHIP	
What is the experience of faculty in surgical specialties transitioning back to work after 6-12 weeks of maternity leave?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Developed and implemented ultrasound curriculum	Residents
Facilitated workshop for chief residents on how to give feedback	Residents

Contributions to Medical & Health Science Education

Beneficiaries

TEACHING ENHANCEMENTS	
Developed and facilitated <i>Senior residents as teachers series: Incorporating evidence based medicine</i> recurrent session	Residents
Revised recurrent attending rounds session on approach to antibiotics	Fellows, Students & Residents
Facilitated introduction to quality improvement session in inpatient resident track	Residents
Developed template applying adult learning principles for Hospitalist Division journal club series	Faculty & Fellows
Developed discharge planning learning session	Residents
EDUCATIONAL SCHOLARSHIP	
What is the experience of residents on a general inpatient team working with subspecialty consultants?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Revised fellows' core curriculum quality improvement series	Fellows
Facilitated Hospitalist Division journal club	Faculty & Fellows

Martin Ottolini

Hope Jackson

Contributions to Medical & Health Science Education

Beneficiaries

TEACHING ENHANCEMENTS	
Incorporated reflective writing projects as a self-assessment tool during senior student electives	Students
Promoted inclusion of adult learning principles and components into the ID fellow's curriculum	Fellows
Built PLHET design components in the rabies module of the Walter Reed Army Institute for Research Tropical Medicine course	Medics & Physicians
Developed a workshop introducing the use of immediate clinical teaching assessment and feedback instruments for future residents	Students
EDUCATIONAL SCHOLARSHIP	
What are the experiences of career military pediatricians deploying to active combat hospitals?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Revised a curriculum to enable pediatric residents and staff to approach the use of antibiotics more rationally	Fellows, Staff & Residents
Developed a structure to organize and administer medical student capstone research projects	Students
Developed and implemented a review process to critically evaluate the content of the first sequence of the pre-clerkship medical school curriculum	Students & Faculty

Contributions to Medical & Health Science Education

Beneficiaries

TEACHING ENHANCEMENTS	
Applied PLHET design to surgery practical review sessions that take place for each rotation	Students
Delivered interactive lectures based on adult learning principles to 3 rd year surgery medical students on call	Students
EDUCATIONAL SCHOLARSHIP	
What is the experience of faculty in surgical specialties transitioning back to work after 6-12 weeks of maternity leave?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Designed ABSITE (in-service exam) curriculum for surgical residents	Residents
Provided structured feedback to medical students and junior surgery residents using formative assessment	Students & Junior Residents
Facilitated workshop for chief residents on how to give feedback	Residents

Nazreen Jamal

Jessica Logan

Contributions to Medical & Health Science Education

Beneficiaries

TEACHING ENHANCEMENTS	
Applied PLHET design to resident teaching sessions during emergency medicine rotation	Students & Residents
Incorporated adult learning principles into GW faculty development workshop on e-Learning	Faculty
EDUCATIONAL SCHOLARSHIP	
What is the experience of pediatric residents transitioning to a fellowship in pediatric critical or emergency medicine?	Qualitative Study
<i>Pediatric resident emergency-medicine learning & instructional modules: The multi-center PRELIM study</i> (Poster Presentation)	Pediatric Educational Excellence Across the Continuum (PEEAC)
<i>e-Learning 101: Best practices for developing and curating successful self-directed teaching modules</i> (Workshop)	Pediatric Academic Societies (PAS) Annual Meeting
EDUCATIONAL LEADERSHIP	
Revised annual Resident Resuscitation Day to reflect principles of curriculum design	Residents
Served on the committee to revise professorial rounds to reflect adult learning principles	Students, Residents & Faculty
Developed resident education curriculum for the pediatric emergency medicine rotation	Residents
Used adult learning principles to enhance clinical mentoring relationships	Fellows
Created and led interactive session on <i>"Making Medical Mistakes"</i> for pediatric emergency medicine weekly educational conference	Fellows & Faculty

Contributions to Medical & Health Science Education

Beneficiaries

TEACHING ENHANCEMENTS	
Applied PLHET design to delirium and dementia teaching sessions	Students
Incorporated adult learning techniques into bedside rounds	Students & Residents
EDUCATIONAL SCHOLARSHIP	
What is the experience of residents on a general inpatient team working with subspecialty consultants?	Qualitative Study
<i>Giving effective feedback to resident learners</i> (Workshop)	Mid-Atlantic Society of General Internal Medicine (SGIM)
EDUCATIONAL LEADERSHIP	
Developed a medicine consult curriculum	Residents
Provided mentoring and feedback to residents as part of the internal medicine clinical competency committee	Residents