

THE GEORGE WASHINGTON UNIVERSITY

FACULTY FOR COHORT 13

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PROGRAM LEADERSHIP

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*Master Teacher Leadership
Development Program*

GRADUATION • JUNE 10, 2015

THE GEORGE WASHINGTON UNIVERSITY

WASHINGTON, DC

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION
BY COHORT 13 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

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 promote scholarship in education, and
3. To develop educational leadership potential.

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 13.



Adrian D. Zurca

Meet Cohort 13

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Incorporated adult learning principles into Pediatric ICU small group lectures and simulation sessions	Students & Residents
Integrated adult learning principles, assessment and feedback into Pediatric ICU clinical and bedside teaching	Students & Residents
Provided continuous oral and written feedback using adult learning principles in the Pediatric ICU	Students & Residents
Designed an assessment tool to help monitor the efficacy and relevance of education sessions in the Pediatric ICU	Residents, Fellows & Faculty
Applied PLHET design into introductory mechanical ventilation lecture	Students & Residents
EDUCATIONAL SCHOLARSHIP	
What is the experience of senior pediatric residents caring for critically ill children as the primary or initial caregiver?	Qualitative Study
Communication practices between Pediatric ICU physicians and English and Spanish-speaking families (Poster Presentation)	Society for Critical Care Medicine Annual Congress
Intra-team communication often interrupts patient care in the Pediatric Intensive Care Unit (Poster Presentation)	Society for Critical Care Medicine Annual Congress
EDUCATIONAL LEADERSHIP	
Revised curriculum for pediatric residents rotating in Pediatric ICU to correspond with American Board of Pediatrics and Accreditation Council for Graduate Medical Education expectations	Residents, Fellows & Faculty
Provided mentoring and feedback for junior Pediatric ICU fellows and pediatric residents interested in pediatric critical care	Resident & Fellows

BROOKE ROSMAN BOKOR, MD, MPH
Adolescent & Young Adult Medicine
Children’s National Health System

KATHLEEN “KAT” CALABRESE, MD
Emergency Medicine
GW School of Medicine and Health Sciences

JAMES CROFFOOT, MD
Internal Medicine
DC Veterans Affairs Medical Center

STEVEN PATRICK DAVIS, MD
Emergency Medicine
GW School of Medicine and Health Sciences

GABRINA L. DIXON, MD
Hospitalist Medicine
Children’s National Health System

CHIDIMMA U. ETO, MD
Obstetrics and Gynecology
GW School of Medicine and Health Sciences

KAREN FRATANTONI, MD, MPH
Pediatrics
Children’s National Health System

ALEXANDRA GOMES, MSLS, MT
Himmelfarb Health Sciences Library
GW School of Medicine and Health Sciences

LISA EVE HERRMANN, MD
Hospitalist Medicine
Children’s National Health System

JAMES REESE, JR, MD, MPH
Neurology
Children’s National Health System

CAROL RENTAS, PhD, MEd, MT (ASCP)
Clinical Research and Leadership
GW School of Medicine and Health Sciences

EMILY L. WILLNER, MD
Pediatric Emergency Medicine
Children’s National Health System

ADRIAN D. ZURCA, MD
Critical Care Medicine
Children’s National Health System

Brooke Rosman Bokor

Emily L. Willner

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Incorporated adult learning principles into adolescent medicine teaching and feedback	Fellows
Combined adult learning principles with coaching to enhance adolescent medicine educational sessions	Fellows
Created an online assessment for the Adolescent Health Center rotation and provided coaching on how to write selected response questions	Residents
Honed learning objectives and correlated learning events/assessment for the CNHS Adolescent Health Center rotation	Students & Residents
Refined learning objectives for the adolescent medicine fellowship rotation in substance abuse	Fellows
EDUCATIONAL SCHOLARSHIP	
What is the experience of senior clinicians in the Adolescent Health Center in addressing tobacco use by adolescents 12-17 years of age?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Ongoing mentorship of adolescent medicine students in formulating a clear research question and determining a research direction	Students
Ongoing mentorship of adolescent medicine fellows in adolescent and pediatric quality improvement research project	Fellows
Enhanced and modeled orientation standards for the CNHS Adolescent Health Center rotation	Residents
Increased provider training and comfort with long acting reversible contraception	Faculty

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Revised shift feedback cards in the Emergency Medical Trauma Center (EMTC) to reflect milestones and improve feedback	Students & Residents
Created new comprehensive orientation module in the EMTC for rotating residents	Students & Residents
EDUCATIONAL SCHOLARSHIP	
What is the experience of senior pediatric residents caring for critically ill children as the primary or initial caregiver?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Served on the EMTC resident education committee developing strategies to improve immediate formative feedback, focused clinical training, and resident exposure on all topics in the 3 year curriculum	Residents
Created new procedure curriculum for residents rotating in EMTC	Residents
Provided ongoing mentorship and oversight for the Hot Seat online, asynchronous case series for pediatric emergency fellow education	Fellows

Carol Rentas

Kathleen “Kat” Calabrese

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Applied PLHET design to clinical biochemistry curriculum	Student
EDUCATIONAL SCHOLARSHIP	
Using individualized proximal testing to shape learning and remediation of concepts	Quantitative Research
What is the experience of Medical Laboratory Science educators when dealing with academic dishonesty in the online environment?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Co-facilitated <i>Designing Test-Based, Online Assessments</i> workshop	Faculty
Co-facilitated <i>SafeAssign: Proctoring and Technology to Help with Detection</i> workshop	Faculty
Co-facilitated <i>Maintaining Academic Integrity in the Flipped and Online Classroom</i> workshop	Faculty
Developed clinical biochemistry curriculum for the Medical Laboratory Sciences Program	Students

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Incorporated adult learning principles into elective rotation on point of care sonography	Students
Used adult learning principles and formative assessments in the facilitation of monthly sonography simulation sessions	Students
Applied PLHET design and included formative assessments into longitudinal ultrasound integration workshops	Students
Delivered <i>Ultrasound Application in the Prehospital Setting</i> lecture using adult learning principles	Students
Integrated adult learning principles into the resident ultrasound rotation	Residents
EDUCATIONAL SCHOLARSHIP	
What is the experience of a junior resident preparing for their first lecture to be delivered to a large audience of their peers and supervisors?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Provided an in depth review of the Emergency Ultrasound Fellowship Curriculum to the director	Fellows & Faculty
Delivered <i>Current Applications of Pulmonary Ultrasound</i> for the Washington DC VA Medical Center Grand Rounds	Residents & Faculty
Served on the Clinical Competency Committee for Emergency Medicine residents to address ACGME performance and competency milestones	Residents & Faculty
Assumed leadership of <i>Teaching and Learning Knowledge and Skills</i> elective for 4 th year medical students	Students
Provided mentoring to residents on improving quality of Emergency Medicine Grand Rounds presentations	Residents

James Croffoot

James Reese, Jr.

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Applied PLHET design principles to a curriculum on safe hospital discharges	Students & Residents
Incorporated active learning techniques into daily rounding practice	Students & Residents
Increased use and effectiveness of formative and summative feedback methods with students and residents at the VA Medical Center	Students & Residents
EDUCATIONAL SCHOLARSHIP	
Tell me your story: A pilot narrative medicine curriculum during the medicine clerkship (Journal of General Internal Medicine)	Published Article
What is the experience of 4 th year clerkship directors with a failing student?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Modified existing curricula including bedside rounds and narrative medicine to incorporate curriculum design principles	Students
James J. Leonard Excellence in Teaching Internal Medicine awardee for mentoring in the Uniformed Services University of the Health Sciences	Students

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Incorporated adult learning principles into Neurology Clerkship lectures	Students
Incorporated adult learning principles into pediatric neurology lectures, conferences, and bedside teaching	Residents & Fellows
EDUCATIONAL SCHOLARSHIP	
What is the experience of 4 th year clerkship directors with a failing student?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Planned the revision of the didactic curriculum for the Neurosciences Clerkship	Students
Co-director for Neurosciences Clerkship at The George Washington University School of Medicine and Health Sciences	Students

Lisa Eve Herrmann

Steven Patrick Davis

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Developed and facilitated <i>Senior Residents as Teachers Series</i> : Incorporating evidence-based medicine recurrent sessions	Residents
Facilitated <i>Introduction to Evidence-Based Medicine</i> recurrent sessions	Students
Incorporated active learning and classroom assessment techniques into pediatric bedside rounds	Students & Residents
Incorporated formative and summative feedback for pediatric hospitalist rotation	Students & Residents
EDUCATIONAL SCHOLARSHIP	
What is the experience of pediatric residents in the discharge of children with medical complexity from the inpatient service?	Qualitative Study
Educational improvement initiative: Trainee identification of clinical questions on patient family-centered rounds	Quantitative Research
An emergency medicine/hospital medicine curriculum: A forum for interdisciplinary discussion to improve understanding and collaboration (Platform Presentation)	Pediatric Academic Society
EDUCATIONAL LEADERSHIP	
Developed a pediatric hospitalist curriculum at Virginia Hospital Center	Residents
Facilitated Hospitalist Division <i>Morbidity and Mortality</i> Conference	Fellows & Faculty
Developed and implemented <i>Emergency Medicine/Hospital Medicine Collaborative Conference</i> Curriculum	Fellows & Faculty
Developed an <i>evidence-based high value care curriculum</i>	Students & Residents
Mentored resident in revision of nighttime curriculum	Resident
Facilitated Hospitalist Division Journal Club	Fellows & Faculty
Mentored residents in submission of clinical conundrum abstracts, for formal case reports, to national conferences	Residents

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Developed an active learning module based on adult learning techniques entitled <i>Rapid Assessment, Triage and Stabilization in Emergency Medicine</i>	Students
Introduced team-based learning sessions on acute resuscitation into an Emergency Medicine Clerkship learning module	Students
Incorporated new formative and summative anchored assessment techniques into modified evaluation tool for the Emergency Medicine Clerkship	Students
Incorporated adult learning techniques into Health Policy Track and elective learning sessions	Students
EDUCATIONAL SCHOLARSHIP	
What is the experience of 4 th year clerkship directors with a failing student?	Qualitative Study
Senior Clerkships in Medical Education: (Re)Defining Evaluation & Remediation (Medical and Health Science Education Research Grant Award)	Mixed Methods
Educational technology improves ECG interpretation of acute myocardial infarction among medical students and emergency medicine residents (The Western Journal of Emergency Medicine)	Published Article
EDUCATIONAL LEADERSHIP	
Served as Director of Emergency Medicine Clerkships, within the Department of Emergency Medicine	Students
Served as Co-director of the GW Health Policy Track	Students
Applied adult learning principles to medical and physician assistant student advising	Students
Chair of the Curriculum Sub-Committee at The George Washington University School of Medicine and Health Sciences	Faculty

Gabrina L. Dixon

Alexandra Gomes

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Developed an asthma learning event for hospitalist faculty using PLHET and adult learning principles	Faculty
Revised the asthma inpatient presentation by incorporating PLHET design components	Residents
Incorporated adult learning principles into pediatric hospitalist bedside rounds and learning activities	Students & Residents
Incorporated adult learning principles in facilitating simulation sessions for third year medical students	Students
EDUCATIONAL SCHOLARSHIP	
What is the experience of senior pediatric residents caring for critically ill children as the primary or initial caregiver?	Qualitative Study
What influences underrepresented minorities regarding choosing academic pediatrics? (Richard T. Sarkin Foundation for Medical Education Grant Award, 2015-2017)	Qualitative Study
EDUCATIONAL LEADERSHIP	
Director of Howard medical student inpatient rotation responsible for orienting, scheduling, and evaluating	Students
Served on the CNHS Medical Student Education Committee responsible for reviewing clerkship curriculum, obtaining feedback, and providing updates on inpatient rotation	Students
Developed a curriculum for family practice residents from Howard University rotating at CNHS	Residents

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Revised a RefWorks workshop based on adult learning principles	Students
Developed and taught <i>Researcher's Toolkit</i> class using adult learning principles	Faculty
Co-developed and taught multiple librarian-led formative Objective Structured Clinical Examination (OSCE) informatics sessions incorporating active learning principles	Students
EDUCATIONAL SCHOLARSHIP	
Expanding our roles: Embedded in curriculum design (Medical Reference Services Quarterly)	Published Article
New roles: Participating in the curriculum redesign team (Poster Presentation)	Mid-Atlantic Chapter of the Medical Library Association (MACMLA)
What is the experience of technical service librarians teaching in the first year medical school curriculum?	Qualitative Study
A profession without limits: The changing role of reference librarians (Poster Presentation)	Medical Library Association (MLA)
EDUCATIONAL LEADERSHIP	
Co-developed and moderated a panel - <i>Writing and Publishing Case Reports: What's Involved and How Do I Get Started?</i>	Students
Developed a curriculum for junior faculty to increase knowledge and skills of Himmelfarb Library resources and services to enhance instruction and scholarship	Faculty
Volunteer member of the Professional Development Committee for the MACMLA	Librarians

Karen Fratantoni

Chidimma U. Eto

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Incorporated adult learning principles into primary care continuity clinic learning sessions	Students & Residents
Incorporated structured formative and summative feedback techniques into primary care continuity clinic	Residents
Revised <i>Caring for Children with Special Health Care Needs</i> in the outpatient environment curriculum	Residents
EDUCATIONAL SCHOLARSHIP	
What is the experience of pediatric residents in the discharge of children with medical complexity from the inpatient service?	Qualitative Study
Peer support after NICU discharge: Can parent navigation improve parental mental health and infant outcomes?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Served as portfolio advisor monitoring pediatric residents' progress through milestones, evaluations, and career plans	Residents
Incorporated assessment techniques to enhance the effectiveness of pediatric residents' portfolio learnings	Residents

Contributions to Medical & Health Science Education

Primary Beneficiaries

TEACHING ENHANCEMENTS	
Introduced PLHET design into colposcopy/ loop electrosurgical excision procedure (LEEP) session in OB/GYN residency program	Residents
Provided structured formative feedback to OB/GYN residents using adult learning principles	Student & Residents
Used principles of andragogy to improve interactive teaching during OB/GYN rounds	Students & Residents
EDUCATIONAL SCHOLARSHIP	
Does latency impact the performance of trainees that have previously achieved simulator-based proficiency in robotic skills?	Quantitative Research
What is the experience of providing patient care in a private practice, by an OB/GYN graduate that completed residency within the last year?	Qualitative Study
EDUCATIONAL LEADERSHIP	
Assisted in anatomy orientation for OB/GYN Clerkship students	Students
Conducted colposcopy/LEEP for OB/GYN residency program	Residents
Designed a robotic training curriculum for OB/GYN residents	Residents



From left to right: Chidimma U. Eto, Steven Patrick Davis, James Reese, Jr., Brooke Rosman Bokor, Gabrina L. Dixon, Lisa Eve Herrmann, James Croffoot, Alexandra Gomes, Kathleen “Kat” Calabrese, Karen Fratantoni, Emily L. Willner, Carol Rentas, Adrian D. Zurca

