

THE GEORGE WASHINGTON UNIVERSITY

**FACULTY FOR COHORT 11**

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**PROGRAM LEADERSHIP**

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*Master Teacher Leadership  
Development Program*

**GRADUATION • JUNE 12, 2013**

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THE GEORGE WASHINGTON UNIVERSITY

WASHINGTON, DC

CONTRIBUTIONS TO MEDICAL & HEALTH SCIENCE EDUCATION  
BY COHORT 11 DURING THEIR MASTER TEACHER YEAR

Graduate School  
of Education  
& Human Development

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THE GEORGE WASHINGTON UNIVERSITY

School of Medicine  
& Health Sciences

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THE GEORGE WASHINGTON UNIVERSITY

# About the Program

*Lamia Soghier*

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 11.

## Contributions to Medical & Health Science Education

## Beneficiaries

TEACHING ENHANCEMENTS	
Motivated improvement in procedural skills using organizational behavior principles	Fellows
Added goal setting & feedback to NICU rotations	Residents
Developed communication skills assessment for clinical encounters with parents in NICU	Residents
Organized 2 neonatal-perinatal medicine simulation working groups	Residents
EDUCATIONAL SCHOLARSHIP	
Designing needs assessment survey to determine neonatal fellow educational needs	Quantitative Study
What is the experience of graduating fellows searching for their first job as an attending physician?	Quantitative Study
EDUCATIONAL LEADERSHIP	
Facilitated workshop to design new neonatology curriculum	Residents

# Venkat Shankar

# Meet Cohort 11

## Contributions to Medical & Health Science Education

## Beneficiaries

TEACHING ENHANCEMENTS	
Used visual aid at bedside teaching rounds in pediatric ICU	Residents, fellows, nurses
Used PHLET for CCM teaching session	Fellows
Delivered interactive lectures on CICU based on adult learning principles	Nurses
Revised mortality & morbidity sessions by using adult learning principles	Fellows, faculty
EDUCATIONAL SCHOLARSHIP	
What is the experience of pediatric residents in practicing pediatrics in a resource-poor setting?	Qualitative study
EDUCATIONAL LEADERSHIP	
Planned & facilitated dysfunction diagnosis retreat for Respiratory Therapy Dept.	Staff

### JIMMY BECK, MD

Hospitalist Medicine  
Children's National Medical Center

### SUSAN CERYAK, MBA, PhD

Pharmacology & Physiology  
School of Medicine and Health Sciences

### JENNIFER CHAPMAN, MD

Emergency Medicine  
Children's National Medical Center

### FRAN COGEN, MD, CDE

Endocrinology & Diabetes  
Children's National Medical Center

### TOM HARROD, MLIS

Himmelfarb Health Sciences Library  
School of Medicine and Health Sciences

### NICKIE LEPCHA, MD

Geriatrics and Extended Care  
DC Veterans Affairs Medical Center

### JENNIFER OWENS

Interdisciplinary Medical Education  
School of Medicine and Health Sciences

### DAVID POPIEL, MD, MPH

General Internal Medicine  
Medical Faculty Associates

### SANDY RACKLEY, MD

Psychiatry & Behavioral Sciences  
Children's National Medical Center

### ELIZABETH RUCKERT, DPT, NCS, GCS

Health Sciences/Physical Therapy  
School of Medicine and Health Sciences

### VENKAT SHANKAR, MD, MBA

Respiratory Care & Critical Care  
Children's National Medical Center

### LAMIA SOGHIER, MD

Neonatology  
Children's National Medical Center

*Jimmy Beck*

*Elizabeth Ruckert*

**Contributions to Medical & Health Science Education**

**Beneficiaries**

TEACHING ENHANCEMENTS	
Applied PLHET format to monthly evidence-based medicine workshops	Students
Incorporated reflection into family-centered rounds	Students, residents
Developed worksheet on self-directed learning for hospitalist rotation	Students, residents
Developed classroom assessment technique for use during family-centered rounds	Students, residents
Implemented weekly constructed response quizzes	Students, residents
Revised 2 simulation sessions using adult learning principle	Students, residents
EDUCATIONAL SCHOLARSHIP	
Professional identify formation--medical students volunteering at medical specialty camp	Grant, Presentations at COMSEP, PAS
What is the experience of graduating fellows searching for their first job as an attending physician?	Qualitative study
EDUCATIONAL LEADERSHIP	
Provided mentoring in REACH research project	Residents

**Contributions to Medical & Health Science Education**

**Beneficiaries**

TEACHING ENHANCEMENTS	
Modified geriatrics course to decrease lecture/increase active learning	Students
Added active learning strategies to Clinical Conference IV session	Students, faculty
Modified formative assessments in geriatrics course	Students
Applied PHLET to 2 clinical neuroanatomy classes	Students
Redesigned objectives & active learning for Neurologic Management labs	Students, faculty
EDUCATIONAL SCHOLARSHIP	
How do physical therapy graduate students experience failure of a high stakes standardized patient exam?	Qualitative study
Development of emergency management curricular thread in PT	Presentation at APTA
The jigsaw strategy: Docendo discimus	Presentation at Lilly
Redesigning curricula using "priming activities" and an instructional designer to maximize student engagement in class	Presentation at Lilly
The use of technology to enhance the clinical decision making skills of physical therapy students in the acute care setting	Grant
EDUCATIONAL LEADERSHIP	
Mentored in adult learning theory/active teaching strategies	Faculty, residents
Provided structured feedback using formative assessment	Faculty, residents
Developed PT Neurologic Program with MedStar NRH	Residents

*Sandra Rackley*

*Susan Ceryak*

**Contributions to Medical & Health Science Education**

**Beneficiaries**

<b>TEACHING ENHANCEMENTS</b>	
Designed suicide evaluation training	Fellows, interns
Implemented new practice-based learning seminar	Fellows
Revised mental health didactics according to adult learning principles	Residents
Used goal setting document to encourage self-directed learning	Students
Implemented self-evaluation process as part of semi-annual reviews	Fellows
<b>EDUCATIONAL SCHOLARSHIP</b>	
How do new physician faculty members experience onboarding at CNMC?	Qualitative study
<b>EDUCATIONAL LEADERSHIP</b>	
Provided updates about structured clinical observations of psychiatry fellows	Faculty
Implemented new curriculum planning activity	Fellows

**Contributions to Medical & Health Science Education**

**Beneficiaries**

<b>TEACHING ENHANCEMENTS</b>	
Developed assessment rubrics for molecular medicine seminars	Students
Redesigned 2 biomedical science classes to feature active learning	Students
Developed potential design for medical pharmacology curriculum	Students
Set realistic objectives for pharmacology lectures	Faculty, students
Revised formative multiple choice questions to minimize validity threats	Students
<b>EDUCATIONAL SCHOLARSHIP</b>	
What is the teaching experience of first-year residents who participated in TALKS?	Qualitative study
<b>EDUCATIONAL LEADERSHIP</b>	
Facilitated active learning workshop for faculty educators	Faculty

*Jennifer Chapman*

*David Popiel*

**Contributions to Medical & Health Science Education**

**Beneficiaries**

TEACHING ENHANCEMENTS	
Asked trainees for objectives & outcome assessments for clinical shifts	Students, residents, nurses
Incorporated adult learning into professorial rounds	Students, residents, faculty
Revised lecture on dehydration for Child Global Health Conference using adult learning	Residents, nurses
EDUCATIONAL SCHOLARSHIP	
What is the experience of pediatric residents in practicing pediatrics in a resource-poor setting?	Qualitative study
EDUCATIONAL LEADERSHIP	
Gave feedback on creating objectives & using adult learning principles	Fellows, faculty
Strengthened feedback on talks using written and verbal techniques	Fellows
Developed teaching guidelines for PEM Fellows Conference speakers	Fellows, faculty
Provided feedback for faculty talks given during PEM Fellows Conference	Faculty
Developing workshop on feedback/evaluation for fellows, faculty	Fellows, faculty

**Contributions to Medical & Health Science Education**

**Beneficiaries**

TEACHING ENHANCEMENTS	
Developed learning session feedback technique	Residents
Created session on effective resident observation techniques	Faculty
Applied adult learning theory to primary care clinic didactics series	Residents
Created group learning sessions for acute care curriculum	Residents
EDUCATIONAL SCHOLARSHIP	
What is the tutoring experience of clinicians in PCL?	Qualitative study
Designing a resident curriculum in public health	Workshop at SGIM
EDUCATIONAL LEADERSHIP	
Developed curriculum for Underserved Medicine & Public Health program	Residents

*Jennifer Owens*

*Fran Cogen*

**Contributions to Medical & Health Science Education**

**Beneficiaries**

TEACHING ENHANCEMENTS	
Created TALKS workshop on team-based teaching	Students
Introduced reflection into Physical Diagnosis I	Students
EDUCATIONAL SCHOLARSHIP	
SP-med student partnership to teach physical diagnosis: how well does it work?	Presentation at ASPE
What is the experience of first year residents who participated in TALKS?	Qualitative study
EDUCATIONAL LEADERSHIP	
Facilitated active learning workshop for faculty educators	Faculty
Teaching physical diagnosis to adult learners	Workshop for SPIs

**Contributions to Medical & Health Science Education**

**Beneficiaries**

TEACHING ENHANCEMENTS	
Reconstructed learning objectives of diabetes curriculum	Residents
Developed presentation on diabetes management w/ DC DoH & public schools using adult learning techniques	Public
Improved clarity of reporting on current research in professional weekly blogs	Public
Developed intervention to reduce treatment errors of hospitalized diabetic patients	Residents
EDUCATIONAL SCHOLARSHIP	
How do new physician faculty members experience onboarding at CNMC?	Qualitative study
EDUCATIONAL LEADERSHIP	
Used worksheet on finding goals & motivations for conflict management	Nurses, staff, faculty, residents
Applied organizational development principles to manage team concerns	Nurses, staff, faculty, residents
Distributed reading on RN – MD conflict before team meeting	Nurses, staff, faculty, residents
Developed presentation to aid fundraising for diabetes care complex	CNMC development staff

*Tom Harrod*

*Nickie Lepcha*

**Contributions to Medical & Health Science Education**

**Beneficiaries**

<b>TEACHING ENHANCEMENTS</b>	
Adapted instructional technology classes for different learning styles	Faculty
Developed technology for pre-rotation OB/GYN refresher tutorials	Students
Developed technology for tutorial on reading medical literature for PCL	Faculty
<b>EDUCATIONAL SCHOLARSHIP</b>	
What is the tutoring experience of clinicians in PCL?	Qualitative study
<b>EDUCATIONAL LEADERSHIP</b>	
Offered library technology instruction for new curriculum	Faculty
Proposed increasing online library instruction for distance education	Faculty

**Contributions to Medical & Health Science Education**

**Beneficiaries**

<b>TEACHING ENHANCEMENTS</b>	
Formalized provider hand over process in the sub-acute rehabilitation unit	All providers
Applied organizational behavior & adult learning principles to QI projects to improve transitions of care, UTI prevention, etc.	Fellows, residents, students
Incorporated adult learning principles into mentoring approach	Fellows, residents, staff, students
Applied PHLET in teaching sessions on infection control, wound care	Fellows, residents, staff, students
<b>EDUCATIONAL SCHOLARSHIP</b>	
How do physical therapy graduate students experience failure of a high stakes standardized patient exam?	Qualitative research
<b>EDUCATIONAL LEADERSHIP</b>	
Formed suicide prevention team	Fellows, residents
Developed & implemented curriculum on suicide prevention	Fellows, residents