

INSTITUTE FOR CLINICAL RESEARCH EDUCATION 2021 COMMENCEMENT CEREMONY PROGRAM

Saturday, May 22, 2021

IGRE

INSTITUTE FOR
CLINICAL RESEARCH
EDUCATION

Pitt CTSI
Clinical and Translational
Science Institute



University of
Pittsburgh

PROGRAM

Welcome Doris M. Rubio, PhD

Director, Institute for Clinical Research Education
Professor of Medicine, Biomedical Informatics, Biostatistics, Nursing, and Clinical and
Translational Science

Assistant Vice Chancellor for Clinical Research Education and Training

Director, KL2 Clinical Research Scholars Program

Director, Leading Emerging and Diverse Scholars to Success (LEADS)

Director of Diversity, ICRE

Keynote Speaker Anantha Shekhar, MD, PhD

Senior Vice Chancellor for the Health Sciences

John and Gertrude Petersen Dean, School of Medicine

Professor of Psychiatry

University of Pittsburgh

Naming of Doctor of Philosophy Graduates Galen E. Switzer, PhD

General Internal Medicine

Professor of Medicine, Psychiatry, and Clinical and Translational Science

Director, PhD Program in Clinical and Translational Science

Co-Director, VA Health Services Postdoctoral Fellowship Program

Naming of Clinical Research Program Graduates Thomas R. Radomski, MD, MS

General Internal Medicine

Assistant Professor of Medicine and Clinical & Translational Science

Director, Academic Programs in Clinical Research | Institute for Clinical Research Education

Affiliated Faculty, Center for Pharmaceutical Policy and Prescribing
Affiliated Faculty, VA Center for Health Equity Research and Promotion

Naming of Medical Education Program Graduates Carla Leigh Spagnoletti, MD, MS
General Internal Medicine
Professor of Medicine
Director, Academic Clinician-Educator Scholars (ACES) Fellowship in General Internal
Medicine
Director, Masters and Certificate Programs in Medical Education, Institute for Clinical
Research Education, University of Pittsburgh

Naming of Training Program Graduates Esa Matius Davis, MD, MPH, FAAFP
General Internal Medicine
Associate Professor of Medicine, Clinical and Translational Science
Director UPMC Tobacco Treatment Service
Director, Career Education and Enhancement for Health Care Research Diversity (CEED)
Program

Naming of Training Program Graduates J. Deanna Wilson, MD, MPH
General Internal Medicine
Assistant Professor of Medicine and Pediatrics
Adolescent and Young Adult Medicine

A Message from ICRE Faculty Various ICRE Faculty Members

Presentation of Clinical Research Alumnus Award Doris M. Rubio, PhD

Presentation of Medical Education Alumnus Award Carla Leigh Spagnoletti, MD, MS

Presentation of Teaching and Mentor Awards Doris M. Rubio, PhD

Closing Remarks Doris M. Rubio, PhD

2021 AWARD RECIPIENTS

Clinical Research Distinguished Alumnus Award

Julie M. Donohue, PhD

Professor and Chair, Health Policy and Management

Medical Education Distinguished Alumnus Award

Jennifer A. Corbelli, MD, MS

General Internal Medicine

Associate Professor of Medicine

Program Director, Internal Medicine Residency Training Program

Excellence in Teaching Award

Scott D. Rothenberger, PhD

General Internal Medicine

Assistant Professor of Medicine

Statistician, Center for Research on Health Care Data Center

Distinguished Mentor Award

Philip E. Empey, PharmD, PhD

Associate Professor, Pharmacy and Therapeutics

GRADUATES

Doctor of Philosophy in Clinical and Translational Science

Christopher Bise, MS, PT, DPT, OCS

Physical Therapy

Dissertation: *Choices and Consequences: An Investigation into Patient Choice of Provider and Provider Interventions for Low Back Pain*

Anne-Marie Rick, MD, MPH

Pediatrics

Dissertation: *Evaluating the Approach to Neonatal Risk Stratification for Early Onset Sepsis using Current National Guidelines*

Sarah Taylor, MD

OB/GYN and Reproductive Sciences

Dissertation: *Biomarker Development and Utilization in the Care of Women with Epithelial Ovarian Cancer*

Clinical Research Master of Science

Othman Abdul-Malak, MD

Vascular Surgery

Thesis:

1. *Improved Perioperative and Long-term Outcomes of Carotid Endarterectomy in Dialysis Patients*
2. *Survival Outcomes and Predictors of Mortality Following AAA Repair in End-stage Renal Disease*

Maaz Ahsan, BS
Medical Student

Thesis:

1. *Sugar-Sweetened Beverage Consumption and Inflammatory Bowel Disease Multi-Year Clinical Trajectories: A Prospective Analysis*
2. *The Association of Added Dietary Sugar and Worse Mental Health Status in Inflammatory Bowel Disease*

Emily Brant, MD
Critical Care Medicine

Thesis:

1. *Prehospital Identification of Community Sepsis on Arrival Using Biomarkers of Host Response*
2. *Association Between Intravenous Fluid Bolus and Biomarker Trajectory During Prehospital Care*

James Brown, MA
Medical Student

Thesis:

1. *Video Review Reveals Technical Factors Predictive of Biliary Stricture and Cholangitis After Robotic Pancreaticoduodenectomy*
2. *Long-Term Surgical Complications After Pancreatoduodenectomy: Incidence, Outcomes, and Risk Factors*

Linda Burkett, MD
OB/GYN and Reproductive Sciences

Thesis:

1. *What is Being Reported About Vaginal “lasers”?: An Examination of Adverse Events Reported to the Food and Drug Administration*
2. *Machine learning Model for Complicated Delivery Prediction Protecting Pelvic Floor Injury by Induction of Labor*
3. *MIOABI Home Peripheral Tibial Nerve Stimulation Device*

Stephen Canton, MD, MS

Medical Student

Thesis:

1. *Automatic Detection of Thyroid and Adrenal Incidentals Using Radiology Reports and Deep Learning*
2. *Evaluating the Effect of the Microsoft HoloLens 1 on Extraneous Cognitive Load During Simulated Cervical Lateral Mass Screw Placement*
3. *Sterile Vision: A Clear Solution to the Operating Room of the Future*

Malamo Countouris, MD

Cardiology

Thesis: *Phenotyping and Reversing Later Life Left Ventricular Remodeling Among Women with a History of Preeclampsia*

Brett Curtis, BS

Medical Student

Thesis:

1. *Perceptions of Hyperoxemia and Conservative Oxygen Therapy in the Management of Acute Respiratory Failure*
2. *Perceptions of Need for Palliative Care in Recently Hospitalized Patients with Systolic Heart Failure*

Andrew-Paul Deeb, MD

Trauma and General Surgery

Thesis:

1. *Disparities in Rural vs. Urban Field Triage: Risk and Mitigating Factors for Undertriage*
2. *Finding Goldilocks: Optimal Prehospital Crystalloid Resuscitation Volume in Trauma Patients with Hemorrhagic Shock*

Kimberley DeMerle, MD

Pulmonary, Allergy and Critical Care Medicine

Thesis:

1. *Sepsis Phenotyping Using Clinical and Biomarker Data in the ProCESS Randomized Trial*
2. *Feasibility of Embedding a Scalable, Virtually-enabled Biorepository in the Electronic Health Record for Precision Medicine*

Lauren Goldberg, MD

Pediatrics

Thesis:

1. *School-level Characteristics Associated with Implementation of the Healthy Schools Program*
2. *School Nurse Perspectives on Communication with Primary Care Physicians*

Andrea Ibarra, MD

Anesthesiology

Thesis: *Preeclampsia Effects on Post-partum Cognitive Performance*

Kacie Kidd, MD

Pediatrics

Thesis:

1. *This Could Mean Death for My Child: Parent Perspectives on Laws Banning Gender-Affirming Care for Transgender Adolescents*
2. *Development & Psychometric Analysis of the Transgender Family Acceptance to Empowerment (TransFATE) Scale*

Yasaswi Kislovskiy, MD

OB/GYN and Reproductive Sciences

Thesis:

1. *Experiences and Advice from Women Taking Experimental Therapy for Hepatitis C Virus During Pregnancy*
2. *Motives and Risk Perceptions of Women in a Phase 1 Trial for Hepatitis C Virus Therapy in Pregnancy*

Carly O'Connor-Terry, BS

Medical Student

Thesis:

1. *Challenges of Seeking Reproductive Healthcare in People Experience Intimate Partner Violence*
2. *Characterizing Contraceptive Failure and Pregnancy Outcomes Among Women Veterans*

Cristine Oh, BA

Medical Student

Thesis:

1. *Childhood Trauma and Gender: Synergistic and Additive Effects on Sleep in Healthy Young Adults*
2. *Impact of Childhood Trauma and Gender on Sleep Microarchitecture*

Amanda Phillips, MD

Vascular Surgery

Thesis:

1. *Systematic Review of Plasma to Packed Red Blood Cell Ratio on Survival in Ruptured Sbdominal Sortic Aneurysms*
2. *Postoperative Surveillance Compliance After Endovascular Repair of Ruptured Abdominal Aortic Aneurysms*

Jennifer Pruskowski, PharmD

Pharmacy and Therapeutics

Thesis:

1. *Managing Acute Pain and Opioid Risks Following Wisdom Teeth Extraction: An Illustrative Case*
2. *Feasibility of an Academic Detailing Intervention to Support Deprescribing in the Nursing Home*

Araya Puwanant, MD

Neurology

Thesis: *Brain Structure and Cognitive Endpoints in Myotonic Dystrophy Type 2 (BRACE-DM2)*

Caroline Rieser, MD

Trauma and General Surgery

Thesis:

1. *Pre-Discharge Prediction of Readmission after Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy: Derivation and Validation of a Risk Prediction Score*
2. *Optimal Management of Patients with Localized Pancreatic Head Cancer: A Markov Decision Analysis*

Kelsey Schweiberger, MD

Pediatrics

Thesis:

1. *Practice-level Variation in Telemedicine Use in a Pediatric Primary Care Network During COVID-19*
2. *Trends in Pediatric Primary Care Visits during the COVID-19 Pandemic*

Cindy Teng, MD

Trauma and General Surgery

1. *Factors associated with Potentially Avoidable Interhospital Transfers in Emergency General Surgery – A Call for Quality Improvement Efforts*
2. *Characteristics of the Interhospital Transfer System for Emergency General Surgery: A Network Analysis*

Benjamin Zuchelkowski, BS

Medical Student

Thesis:

1. *Toward Transparency in Medical Education: Medical Students Support Explicit Informed Consent for Educational Pelvic Exams Under Anesthesia*
2. *Brief Report: Hydroxychloroquine does not induce hemolytic anemia or organ damage in a “humanized” G6PD A- mouse model*

Margaret Zupa, MD

Endocrinology and Metabolism

Thesis:

1. *Impact of a Dyadic Intervention on Family Supporter Involvement in Helping Adults Manage Type 2 Diabetes*

2. *Cost-effectiveness of Empagliflozin versus Semaglutide as Add-on Therapy for Uncontrolled Type 2 Diabetes*

Benjamin Zusman, BS

Medical Student

1. *Cerebrospinal fluid Sulfonylurea Receptor-1 is Associated with Intracranial Pressure and Outcome after Pediatric TBI-an Exploratory Analysis of the Cool Kids Trial*
2. *Impact of Abcc8 (SUR1) Knockout and Dosing After Experimental TBI Differ by sex*

Clinical Research Certificate

Ololade Adebisi, BS, BA

Medical Student

Jessie Barnum, MD

Pediatrics

Tierra Bender, BS

Medical Student

Nami Safai Haeri, MD

Endocrinology and Metabolism

Certificate in Clinical and Translational Science for Doctoral Students in the Health Sciences

Jonathan Birabakaran, BS

Pharmaceutical Sciences

Morgan Casal, PharmD
Pharmaceutical Sciences

Keito Hoshitsuki, PharmD
Pharmaceutical Sciences

Madeline Kreider, PharmD
Pharmaceutical Sciences

Madeline Lipp, PharmD
Pharmaceutical Sciences

Medical Education Master of Science

Lauren Carlos, MD
Maternal-Fetal Medicine
Thesis: An Interdisciplinary Experience to Improve Medical Student Education on Labor and Delivery

Erika Friebling, MD
Pediatric Hematology/Oncology
Thesis: Longitudinal Subspecialty Clinic for Pediatric Residents

Gregory Jaffe, MD
Family Medicine
Thesis: Always Be PrEP-ared! Evaluating an Animated Video Curriculum to Teach Providers How to Prescribe HIV Pre-Exposure Prophylaxis (PrEP)

Sarah Jones, MD
General Internal Medicine

Thesis: *Training Internal Medicine Residents to Perform Telemedicine Video Visits: A Novel Skill-Based Curriculum*

Carla Khalaf McStay, MD

Hospice and Palliative Medicine

Thesis: *Improving Primary Palliative Care Competency of Internal Medicine Interns through a Standardized Online Curriculum Accompanying a Clinical Rotation*

Gabrielle Langmann, MD

Hospice and Palliative Medicine

Thesis: *Caring for Patients with Substance Use in Hospice: A Targeted Needs Assessment and Novel Web-Based Curriculum for Interdisciplinary Teams*

Shana Miles, Maj, USAF, MC, FS

Minimally Invasive Gynecologic Surgery

Thesis: *Remote assessment and coaching of Fundamentals of Laparoscopic Surgery (FLS)*

Eduardo Mulanovich, MD

General Internal Medicine

Thesis: *A Multi-Institutional Survey on the Use of the Parallel Curriculum in Preclinical and Clinical Medical Education*

Asha Ricciuti, MD

Hematology/Oncology

Thesis: *Hematology/Oncology Fellows as Teachers: Addressing Barriers to Resident Teaching with Introduction of a Novel Interactive Module*

Diana Samberg, MD

General Internal Medicine

Thesis: *Development of a Curriculum for Terminology of Substance Use Disorder*

Michael Simonson, MD

General Internal Medicine

Thesis: *Inpatient Perioperative Medication Management: A Curriculum for Internal Medicine Residents*

Sara Spinella, MD

General Internal Medicine

Thesis: *A Video- and Case-based Curriculum on the Management of Alcohol Use Disorder for Internal Medicine Residents*

Alicia Topoll, MD

Cardiology

Thesis: *Improving Code Status Documentation Rates Using Communication Skills Training in Vascular Surgery: A Quality Improvement Initiative*

Lauren Trembley, MD

Emergency Medicine

Thesis: *Gender Bias in Faculty Evaluations of Emergency Medicine Residents in Task-Based Simulation Videos*

Medical Education Certificate

Sarah Allen, MD

OB/GYN and Reproductive Sciences

Mark Andreae, MD

Critical Care Medicine

William Ceyrolles, MD, MS
General Internal Medicine

Nathan King, MD
OB/GYN and Reproductive Sciences

***Career Education and Enhancement for Health Care Research Diversity (CEED)
Program***

Andrea Ibarra, MD
Anesthesiology

Daniel Jacobson Lopez, PhD, MSW, LSW
Infectious Diseases and Microbiology

Alaina James, MD, PhD
Dermatology

Lynissa Stokes, PhD
Pediatrics

***Career Education and Enhancement for Health Care Research Diversity Program
for Medical Students (CEED II)***

Archibald Agyekum-Yamoah, MS
Medical Student

Ayanna Garland, BS
Medical Student

Ayomipo Ifidon, BS
Medical Student

Abraham Williams, BS
Medical Student

Clinical Scientist Training Program (CSTP)

Ololade Adebisi, BS, BA
Medical Student

Tierra Bender, BS
Medical Student

Caroline Ewing, BS
Medical Student

Susheel Khetarpal, BS
Medical Student

James Newton, BS
Medical Student

Chukwudi Onyeukwu, BS
Medical Student

Oluwasinmisola Opeyemi, BS
Medical Student

Harrison Stern, BS
Medical Student

Clinical and Translational Science Scholars Program (KL2)

Ghady Haidar, MD
Infectious Diseases

Marquis Hawkins, PhD
Epidemiology

Jing Luo, MD, MPH
General Internal Medicine

Clinical Scientist Track (CST)

Tiffany Brazile, MD
University of Pittsburgh Medical Center

Jennifer Rodriguez, MD
University of Pittsburgh Medical Center

Bailey Sparks, MS
University of Pittsburgh Medical Center

International Scientist Track (IST)

Anna Apostolopoulou, MD
University of Pittsburgh Medical Center

Sara Faghihi Kashani, MD, MPH
University of Pittsburgh Medical Center

Mohamed Hassan, MBBS
University of Pittsburgh Medical Center

Saloni Kapoor, MD
University of Pittsburgh Medical Center

Arjun Lakshman, MD
University of Pittsburgh Medical Center

Olufunso Olufunso, MD, MPH
University of Pittsburgh Medical Center

Clinical and Translational Science Fellowship (TL1)

Pre-Doctoral Trainees

Laura Ellen Ashcraft, MSW
Social Work Doctoral Student

Raphael Crum, BS
Interdisciplinary Biomedical Graduate Program Doctoral student

Post-Doctoral Trainees

Karryn Crisamore, PharmD
Pharmaceutical Sciences

Natalie Ernecoff, PhD, MPH
General Internal Medicine

Kacie Kidd, MD
Pediatrics

Kristina Nicholson, MD, MS
Surgery

IN THANKS...

The Institute for Clinical Research Education would like to extend a special thank you to all of the individuals who support our mission.

To learn more about the ICRE, please visit our [website](#).

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