

KL2

MENTORED CLINICAL AND TRANSLATIONAL
RESEARCH SCHOLARS PROGRAM



EMORY
UNIVERSITY



KL2-Mentored Clinical and Translational Research Scholars Program

The goal of the Georgia Clinical & Translational Science Alliance (Georgia CTSA) KL2-Mentored Clinical and Translational Research Scholars Program is to support and enhance career development for junior faculty (MD, PhD, MD/PhD, or PharmD) from a wide variety of disciplines at Emory University, Morehouse School of Medicine (MSM), Georgia Institute of Technology (Georgia Tech), and University of Georgia (UGA) College of Pharmacy. The Georgia CTSA KL2 Program is committed to assisting junior faculty at partner institutions to become independent, established, and ethical clinical and/or translational research investigators. Trainees accepted into the KL2 Scholars Program will receive salary support to enable them to spend at least 75% of their professional time (50% is allowed for trainees from surgery or surgical subspecialties) on clinical and/or translational research and research training and a \$25,000 technical budget for research-related expenses and tuition for the Master of Science in Clinical Research (MSCR) degree or Certificate Program in Translational Research (CPTR) curriculum. Didactic research training is provided through the required MSCR or CPTR and mentored research training under the direction of an established, federally funded clinical investigator at one of the collaborating institutions. Support in the program will be provided for up to two years.



Former KL2 scholar J. Lucas McKay, PhD, Wallace H. Coulter Department of Biomedical Engineering at Emory and Georgia Tech, uses electromyography and kinematic motion capture techniques to better understand how balance and gait are affected in Parkinson's disease



KL2 Application Information

Who Should Apply

Junior faculty with a doctorate (MD, PhD, MD/PhD, PharmD, or equivalent) at the rank of Instructor or Assistant Professor at Emory, MSM, Georgia Tech, or UGA College of Pharmacy are eligible to apply to the program. Individuals who have accepted a faculty appointment at any of the four collaborating institutions may also apply if they will be on the Emory, MSM, Georgia Tech, or UGA College of Pharmacy faculty at the date of receipt of the award (e.g., July 1 or August 1). Faculty appointments cannot be dependent upon receipt of this KL2 award. Junior faculty physician candidates should have completed training in a specialty or subspecialty and be board eligible or certified. Non-physician candidates must have a PhD and/or PharmD degrees.

Per NIH requirements, KL2 program applicants must be U.S. citizens or permanent residents.

Read more about eligibility at GeorgiaCTSA.org/training/KL2/

KL2 scholar Vinita Singh, MD, assistant professor of anesthesiology at Emory, is doing a clinical trial on use of intranasal ketamine for treatment of intractable cancer-related pain

KL2 Application

All application components should be uploaded to the online submission system.

GeorgiaCTSA.org/training/KL2/apply

Components of the application must include:

- Cover Page
- Cover Letter from Applicant
- Abstract
- Research and Training Plan
- Human Subjects and Data Safety and Monitoring Plan
- Literature Citations
- Budget
- Letters of Support
- NIH Biosketch and Other Support Page
- Facilities and Other Resources
- Application Fee and Original Transcripts

MSCR Curriculum

Core Courses

(30 minimum credits)

- Introduction to Clinical and Translational Research
- Analytic Methods for Clinical and Translational Research
- Biostatistics
- Data Management
- Community Engagement and Health Disparities
- Clinical Trial Design and Analysis
- Scientific and Grant Writing
- Overview of High Dimensional Data
- Clinical Research Colloquium
- Analysis and Presentation of Clinical Research Data
- Health Services Research
- Ethical, Legal, and Social Issues of Responsible Clinical Research
- Big Data to Knowledge (BD2K) for Clinical and Translational Research

Additional Requirements for the MSCR

- Observe an Institutional Review Board (IRB) meeting
- Clinical and Translational Research Journal Club



KL2 scholar **Carmen Dickinson-Copeland, PhD**, instructor, Department of Microbiology, Biochemistry, and Immunology, MSM, with patient at Hughes-Spalding Children's Hospital

- Special Workshops and Lectures
 - Team Science
 - Leadership Training
 - Mentor Training

Elective Courses

- Advanced Data Management in R
- Personalized training, includes courses at any of the Georgia CTSA partner institution

Certificate Program in Translational Research (CPTR) (16 minimum credits)

The Certificate Program in Translational Research is an option as the didactic training for KL2 scholars with PhD degrees.

About the Program

The CPTR is a formal program in Emory Laney Graduate School. CPTR trainees may elect to take the coursework over a single year or spread over two years.

GeorgiaCTSA.org/CPTR

CPTR Courses

- Introduction to Clinical and Translational Research
- Fundamentals of Epidemiology
- Community Engagement and Health Disparities
- Health Services Research

- Translation to Clinical Medicine
- Biostatistics for Translational Research
- Clinical Research Colloquium
- Ethical, Legal, and Social Issues of Responsible Clinical and Translational Research
- Scientific and Grant Writing
- Big Data to Knowledge (BD2K) for Clinical and Translational Research
- Elective: Advanced Data Management in R

Electives

A 1-2 credit elective is required and may be taken at any Georgia CTSA institution upon approval by the Associate Director of the CPTR.

Additional Requirements for the CPTR

- Observe an Institutional Review Board (IRB) Meeting
- Clinical and Translational Research Journal Club
- Special Workshops and Lectures



UGA's first KL2 scholar, **Lilian Sattler, PhD**, assistant professor, Department of Clinical and Administrative Pharmacy, College of Pharmacy, and the Department of Foods and Nutrition, College of Family and Consumer Sciences, explains study purpose, procedures, risks, and benefits to potential study participants during the informed consent process

GEORGIA CTSA RESEARCH EDUCATION EXECUTIVE COMMITTEE

Jessica A. Alvarez, PhD, RD
Associate Director, Certificate Program in Translational Research (CPTR)

Assistant Professor of Medicine, Division of Endocrinology, Metabolism, and Lipids Emory University School of Medicine

Pamela Bhatti, PhD, MSc
Co-Director, KL2 & TL1 Programs, Georgia Tech

Associate Chair for Innovation and Entrepreneurship and Associate Professor School of Electrical and Computer Engineering Georgia Institute of Technology Adjunct Assistant Professor Department of Rehabilitation Medicine Emory University

Henry M. Blumberg, MD
Director, Georgia CTSA Research Education Program

Co-Course Director, Clinical Research Colloquium Professor of Medicine Division of Infectious Diseases Emory University School of Medicine Professor of Epidemiology and Global Health Emory Rollins School of Public Health

Lou Ann Brown, PhD

Professor of Pediatrics, Division of Neonatal-Perinatal Medicine Director, Office of Postdoctoral Education Emory University School of Medicine

Dawn L. Comeau, PhD, MPH
Mentor Training Director

Associate Professor & Vice Chair for Faculty Development Department of Behavioral Sciences

and Health Education Emory Rollins School of Public Health

Elizabeth Corwin, PhD, RN

Edith F. Honeycutt Chair in Nursing Associate Dean for Research and Professor Emory Nell Hodgson Woodruff School of Nursing

Cam Escoffery, PhD, MPH, CHES

Associate Professor of Behavioral Sciences and Health Education Emory Rollins School of Public Health

Anne Fitzpatrick, PhD, MSc
Program Director, Georgia CTSA Pediatrics

Associate Professor of Pediatrics Division of Pulmonology, Allergy/Immunology, Cystic Fibrosis, and Sleep Medicine Emory University School of Medicine

David R. Goldsmith, MD

Assistant Professor of Psychiatry and Behavioral Sciences Emory University School of Medicine

Jordan A. Kempker, MD, MSc
Co-Course Director, Introduction to Clinical & Translational Research

Assistant Professor of Medicine Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine Emory University School of Medicine

Amita Manatunga, PhD
Course Director, Overview of High Dimensional Data

Co-Director, MSCR Thesis Committee Professor, Department of

Biostatistics/Bioinformatics Emory Rollins School of Public Health

Greg S. Martin, MD, MSc
Program Director, Georgia CTSA Clinical Research Centers

Professor of Medicine and Executive Associate Division Director Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine Emory University School of Medicine

Nael A. McCarty, PhD
Director, Graduate Division of Biological and Biomedical Sciences

Marcus Professor of Cystic Fibrosis Department of Pediatrics Division of Pulmonology, Allergy/Immunology, Cystic Fibrosis, and Sleep Emory University School of Medicine Director, Emory+Children's Cystic Fibrosis Center of Excellence Emory University School of Medicine

Robin McGee, PhD, MPH
Research Education Program Evaluator

Research Assistant Professor of Behavioral Sciences and Health Education Emory Rollins School of Public Health

Vasiliki Michopoulos, PhD, MSc

Assistant Professor of Psychiatry and Behavioral Sciences Emory University School of Medicine

Igho Ofotokun, MD, MSc

Co-Director, KL2 Program Co-Course Director, Clinical Research Colloquium



KL2 scholar Andre L. Holder, MD, MSc, assistant professor in Pulmonary, Allergy, Critical Care, and Sleep Medicine at Emory, reviewing clinical data in Grady Hospital's medical ICU

Co-Coordinator, MSCR Journal Club

Professor of Medicine Division of Infectious Diseases Emory University School of Medicine

Rachel E. Patzer, PhD, MPH
Co-Director, TL1 Program

Associate Professor of Surgery and Epidemiology Department of Surgery, Division of Transplantation & Department of Epidemiology Rollins School of Public Health Director of Health Services Research Emory Departments of Medicine & Surgery

Douglas F. Paulsen, PhD

Co-Director, TL1 Program, MSM Associate Dean for Graduate Studies Professor of Pathology and Anatomy Morehouse School of Medicine

Alexander Quarshie, MD, MSc

Co-Director, KL2 Program, MSM Director, MSCR Program, MSM Director, Biomedical

Informatics Program Professor of Community Health and Preventive Medicine Morehouse School of Medicine

William M. Shafer, PhD

Professor of Microbiology and Immunology Emory University School of Medicine Senior Research Career Scientist Atlanta VA Medical Center

Amit Shah, MD, MSc

Assistant Professor of Epidemiology and Medicine Emory Rollins School of Public Health Department of Medicine, Division of Cardiology Emory University School of Medicine

Andi L. Shane, MD, MPH, MSc
Co-Course Director, Clinical Trial Design

Associate Professor of Pediatrics Division of Infectious Diseases Marcus Professor of Hospital

Epidemiology and Infection Control Emory University School of Medicine Children's Healthcare of Atlanta

Somanath P.R. Shenoy, PhD, FAHA
Co-Director, TL1 and KL2 Programs, UGA

Professor, College of Pharmacy Director of Clinical and Experimental Therapeutics University of Georgia

Anandi Sheth, MD, MSc

Associate Professor of Medicine Division of Infectious Diseases Emory University School of Medicine

Thomas R. Ziegler, MD

Co-Director, TL1 Program Co-Program Director, Georgia CTSA Clinical Research Center Co-Course Director, Grant Writing Professor of Medicine Division of Endocrinology, Metabolism, and Lipids Emory University School of Medicine



CTSA Clinical & Translational
Science Awards Program



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Further information about the **Georgia Clinical & Translational Science Alliance Research Education Programs** is available online:

GeorgiaCTSA.org/training

CONTACT:

Cheryl Sroka

1599 Building

1599 Clifton Road NE, Room 6.112

Atlanta, GA 30322

csroka@emory.edu

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