

INSTITUTE FOR TRANSLATIONAL MEDICINE

EPOR Fall 2026 Speaker List

Class date	Speaker	Subject
22-Sep	Siri Greeley	Registries and Rare Disease Clinical Research: If You Build it, They Will Come...
29-Sep	David Meltzer	Resources of the Institute for Translational Medicine
6-Oct	Elaine Worcester	Testing a Hypothesis
13-Oct	<i>TBD</i>	<i>TBD</i>
20-Oct	Miranda Kaye	Designing Surveys
27-Oct	Rajesh Jain	Use of Secondary and Public Data Sources to Conduct Research
3-Nov	Emily Anderson	Ethical Considerations in Planning Clinical Research
10-Nov	Lawrence Hunter	Using AI in Clinical Research
17-Nov	Megan Huisinigh-Scheetz	Fundamentals of Outcomes Research
1-Dec	Julie Johnson	Using the Electronic Medical Record and the Center for Research Informatics

**No class November 24th due to Thanksgiving holiday*



THE UNIVERSITY OF
CHICAGO



RUSH



ILLINOIS INSTITUTE
OF TECHNOLOGY



INSTITUTE FOR TRANSLATIONAL MEDICINE

Siri Atma Greeley, MD, PhD

Siri Atma W. Greeley is an Associate Professor of Pediatrics and Medicine in the Section of Adult and Pediatric Endocrinology, Diabetes, and Metabolism at University of Chicago, where he is also Associate Director for Pediatric Diabetes for the Kovler Diabetes Center. He has been studying diabetes since the age of 14 years, when his father was diagnosed with autoimmune type 1 diabetes. Dr. Greeley completed his undergraduate education at Columbia University in New York before earning his MD – as well as a PhD in the immunology of type 1 diabetes – from the University of Pennsylvania School of Medicine. He then moved to Chicago, where he completed his Pediatrics Residency and Pediatric Endocrinology Fellowship at the University of Chicago and Comer Children's Hospital, where he currently has an active clinical practice in which he sees patients with all forms of diabetes or other endocrine problems.

Dr. Greeley is an internationally recognized expert on monogenic forms of diabetes, with a particular focus on congenital forms of diabetes diagnosed at a very young age. Along with Drs. Louis Philipson, MD, PhD, Graeme Bell, PhD and Rochelle Naylor, MD, Dr. Greeley conceived of and developed the web-based US Monogenic Diabetes Registry (<http://monogenicdiabetes.uchicago.edu>) that now includes over 4000 individuals with known or suspected monogenic forms of diabetes. Thanks to the active ongoing interest of the Registry participants, Dr. Greeley's patient-oriented and outcomes based clinical studies have led to over 50 original research publications that include several key contributions to the overall understanding of monogenic forms of diabetes.

David Meltzer, MD, PhD

David Meltzer is Chief of the Section of Hospital Medicine, Director of the Center for Health and the Social Sciences, and Chair of the Committee on Clinical and Translational Science at the University of Chicago, where he is Professor in the Department of Medicine, and affiliated faculty at the University of Chicago Harris School of Public Policy and the Department of Economics. Meltzer's research explores problems in health economics and public policy with a focus on the theoretical foundations of medical cost-effectiveness analysis and the cost and quality of hospital care. Meltzer has performed randomized trials comparing the use of doctors who specialize in inpatient care ("hospitalists"). He is currently leading a Centers for Medicaid and Medicare Innovation Challenge award to study the effects of improved continuity in the doctor patient relationship between the inpatient and outpatient setting on the costs and outcomes of care for frequently hospitalized Medicare patients. He led the formation of the Chicago Learning Effectiveness Advancement Research Network (Chicago LEARN) that helped pioneer collaboration of Chicago-Area academic medical centers in hospital-based comparative effectiveness research and the recent support of the Chicago Area Patient Centered Outcomes Research Network (CAPriCORN) by the Patient Centered Outcomes Research Institute (PCORI).

Elaine Worcester, MD

Director of the Winter quarter of the Essentials of Patient Oriented Research (EPOR) course sponsored by the Institute for Translational Medicine. The course is offered as three 10-week segments (Fall, Winter and Spring) covering topics relevant to clinical research including elements of study design, ethical aspects of translational medicine and the responsible conduct of research, and basics of statistics for human



INSTITUTE FOR TRANSLATIONAL MEDICINE

research. Lectures are given by many members of the Biological Science Division; many of them noted translational researchers.

Her research group investigates mechanisms of kidney stone formation, including studies of human physiology, surgical mapping and biopsy of stone patients, and detailed histology of renal papillary tissue from stone formers of differing phenotypes to find the pathways that lead to stone growth in the kidneys, and potential targets for prevention and treatment. These studies involve collaboration between investigators from both clinical and basic science backgrounds, which will be the paradigm for most clinical researchers in future.

Miranda Kaye, PhD

Miranda Kaye is the Director of the Survey Lab at the University of Chicago. She completed her B.S. in Human Development at Cornell University, her M.S. in Exercise Science at Arizona State University, and her Ph.D. in Kinesiology at the Pennsylvania State University. She has over 15 years of experience in all phases of survey research, starting with teaching undergraduate and graduate research methods and statistics classes at Ithaca College as well as a research team class in which she worked with students to develop and conduct group research projects, before specializing in projects involving large-scale, multi-modal, longitudinal, field, mixed-methods, and RDD data collection as an Associate Research Professor at Penn State and directing the Survey Research Center there as well. In her own research, she applies multivariate methods to the study of human development, health, and well-being with a focus on scale development, measurement, and program evaluation. She loves examining metadata and considering ways to improve methodology as well as supporting the varied projects and methodical needs of researchers.

Rajesh K. Jain, MD

Dr. Jain specializes in endocrinology and focuses on metabolic bone diseases and is the adult endocrinology fellowship program director. His clinical focus is on osteoporosis and calcium disorders. He conducts research in a variety of areas within osteoporosis and metabolic bone disease, including the effects of physical activity and body fat on bone, diabetes-related fracture risk, and differences in fracture risk factors in racial and ethnic minorities. Many of the studies he publishes use electronic health data and publicly available data. He is also an investigator for clinical trials in hypoparathyroidism.

Emily E. Anderson, PhD, MPH

Emily E. Anderson is a professor of bioethics at Loyola University Chicago's Stritch School of Medicine in the Neiswanger Institute for Bioethics and Healthcare Leadership. She teaches research ethics and responsible conduct of research to graduate and medical students as well as courses in empirical bioethics and global bioethics. Her areas of interest and expertise include researcher and physician professionalism and misconduct; ethical issues in research with vulnerable populations; informed consent; institutional review board (IRB) policy; and the application of qualitative research techniques to the study of research ethics. Dr. Anderson has published articles in the American Journal of Bioethics, Ethics and Behavior, Journal of Law Medicine and Ethics, Academic Medicine, Accountability in Research, and the Journal of



INSTITUTE FOR TRANSLATIONAL MEDICINE

Empirical Research on Human Research Ethics (JERHRE). She serves as associate editor for Narrative Inquiry in Bioethics. She also has almost 20 years of experience serving on six different IRBs and is currently a member of the board of directors for Public Responsibility in Medicine & Research (PRIM&R). Dr. Anderson has also served as investigator or co-investigator on several federally-funded research and educational projects.

Dr. Anderson is the Principal Investigator/Project Director of the NIH-funded Loyola University Chicago-Ukrainian Catholic University (LUC-UCU) Doctoral and Post- Doctoral Bioethics Fellowship Program. This program provides advanced training in research ethics in English to scholars and professionals from Ukraine. The aim of this program is to train a critical mass of bioethics experts who will hold positions of scholarship and leadership in health research institutions in Ukraine. These individuals will be instrumental in providing direction on matters of research ethics to their educational institutions, government agencies, and international organizations. This program is a partnership between the Neiswanger Institute and UCU's School of Bioethics.

Lawrence Hunter, PhD

Dr. Lawrence Hunter is a professor at the University of Chicago School of Medicine. He is widely recognized as one of the founders of bioinformatics; he published some of the first papers in biomedical NLP and in machine learning predictions of molecular function; he served as the first President of the International Society for Computational Biology (ISCB); and he created several of the most important conferences in the field, including ISMB, PSB and the Rocky Mountain Conference on Bioinformatics. Dr. Hunter's research interests span a wide range of areas, from cognitive science to rational drug design. He has published more than 200 scientific papers, holds two patents and has been elected a fellow of both the ISCB and the American College of Medical Informatics.

Megan Huisingh-Scheetz, MD, MPH

As a Geriatrician with a Master's degree in Epidemiology, Dr. Huisingh-Scheetz has focused her career on the advancement of frailty implementation science and the role of technology in augmenting frailty assessment and management. She has identified novel free-living accelerometry patterns predictive of frailty, physical function, disability, inflammation, social engagement and cognition using epidemiologic datasets (National Social Life, Health and Aging Project (NSHAP), the National Health and Nutrition Examination Survey) as well as local datasets. As a clinician, she established a novel frailty evaluation clinic in 2011, the Successful Aging and Frailty Evaluation™ (SAFE) clinic, in which she assesses and manages frailty in all referred patients and support their caregivers. Her clinical work also inspired her to develop a new technology-based program called "EngAGE" that leverages a voice-activated assistant to deliver long-term exercise and socialization support to frail adults while empowering their caregivers, a project conducted with partnerships she established with NORC and Orbita, Inc. She is currently leading a randomized-controlled trial testing EngAGE's efficacy on physical and social function among multimorbid, homebound, older adults in Chicagoland (P50MD017349-01, 8199; NCT05337514). Her work benefits from team science including collaborations with experts in computational data science, physical therapy,



OITM



THE UNIVERSITY OF
CHICAGO



RUSH



ILLINOIS INSTITUTE
OF TECHNOLOGY



INSTITUTE FOR TRANSLATIONAL MEDICINE

advanced statistical modeling, computer science, social science, medical and surgical subspecialties, basic science, kinesiology and business.

Julie Johnson, PhD, MPH, RN

Julie has more than 15 years of clinical and healthcare experience as a nurse, analyst, teaching assistant, research assistant, and clinical program coordinator. As part of the CRDW team, she works directly with stakeholders to translate their research questions into optimized requests for the technical team. In addition, she is a guest speaker for the Office of Clinical Research's monthly research series and an instructor for the Fundamentals of Clinical Research course and SPORT program. Julie is a 1999 graduate of Georgetown University's School of Nursing and Health Studies, a 2003 graduate of The University of Illinois at Chicago's (UIC) School of Public Health, and received her PhD in 2018 from UIC's College of Nursing.