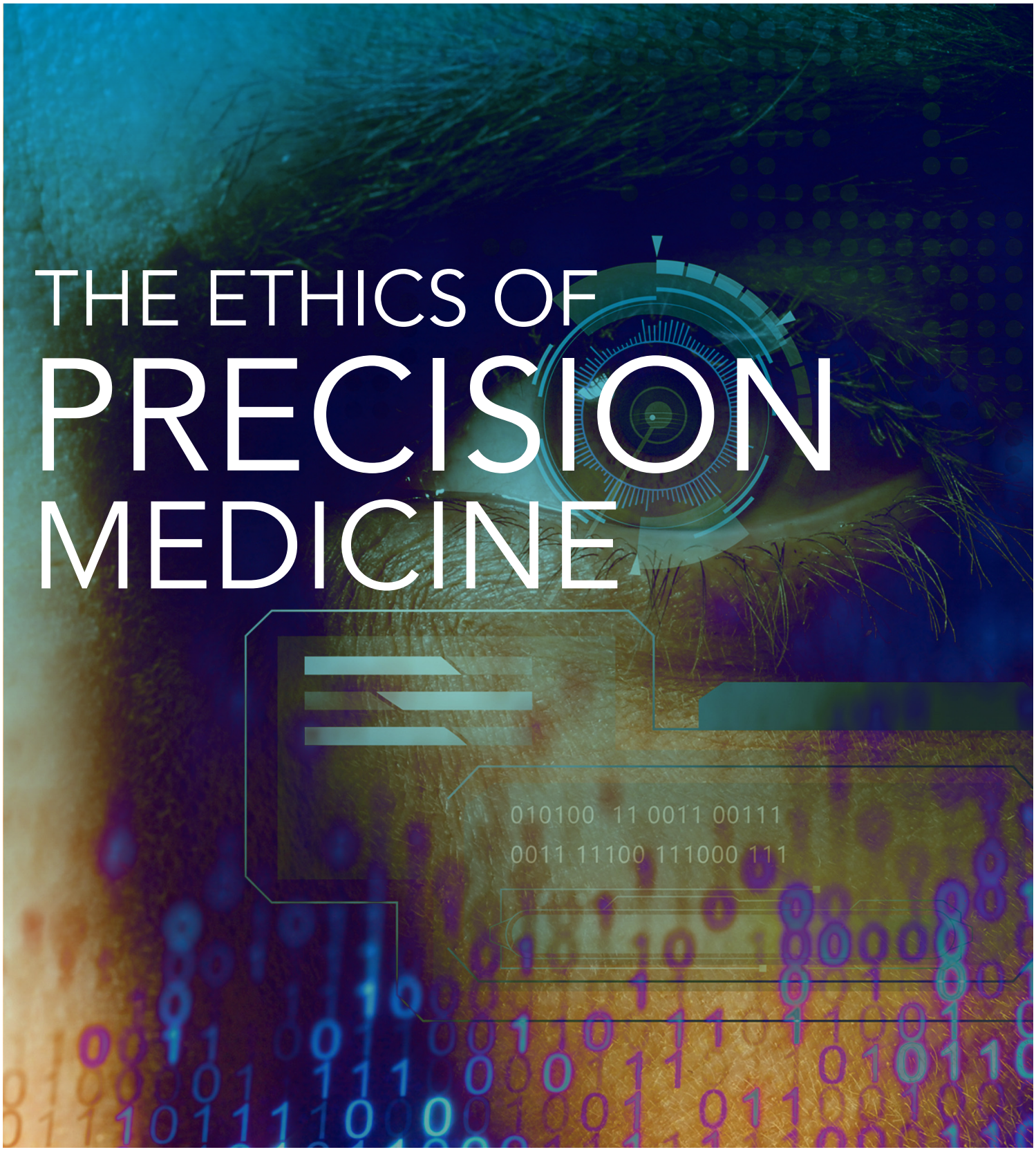


30th Annual Thomas A. Pitts Memorial Lectureship in Medical Ethics

April 12, 2024

MUSC
Medical University of South Carolina

30th Annual Thomas A. Pitts Memorial Lectureship in Medical Ethics

Presented by the: Medical University of South Carolina Institute of Human Values in Health Care
Supported by the MUSC Foundation

The Thomas A. Pitts Memorial Lectureship is an annual lectureship in medical ethics. This year's topic is The Ethics of Precision Medicine. We are bringing together a diverse group of scholars from multiple disciplines to address some of the most important ethical issues related to precision medicine.

Thomas Antley Pitts, II, M.D. (1893-1991) served as a member of the Board of the Medical University of South Carolina for thirty-six years and served as its chairman for twenty-five of those years. He left a substantial bequest to the Medical University of South Carolina to endow "a series of lectures on medical ethics." The series has become known as the Pitts Memorial Lectureship, and has been held annually since 1993.

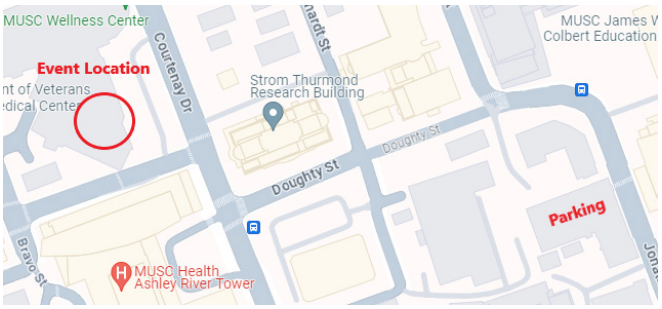
Thomas A. Pitts

PROGRAM VENUE:

In-person session will take place in the MUSC Wellness Center Auditorium Room 204 located at 45 Courtenay Drive, Charleston SC 29425 and is limited to 80 people.
The Entire lectureship will also be available on-line.

PARKING:

Attendees may park in the **Jonathan Lucas Garage: 97 Jonathan Lucas Street**, near the corner of President and Doughty Streets, directly across from the Clinical Science Building. **Entrance into the garage is on Doughty Street**, immediately behind the College of Nursing Building. (See map)



30th Annual Thomas A. Pitts Memorial Lectureship in Medical Ethics

THE ETHICS OF PRECISION MEDICINE

APRIL 12, 2024

Registration:	8:00
Welcome:	8:20

SESSION I: Justice and Responsibility

MODERATOR: Nancy Zisk, JD

8:30	Leonard Fleck, PhD "Precision Medicine and Distributive Justice: Wicked Problems for Democratic Deliberation"
9:00	Shawneequa Callier, JD, MA "The Challenges of Diversity and Inclusion for Precision Medicine"
9:30	Q&A
9:50-10:10	Coffee Break

SESSION II: Precision Medicine, Privacy, and Informed Consent

MODERATOR: Shelly Ozark, MD, HEC-C

10:10	Caitlin Allen, PhD, MPH "Optimizing Consent to Support Precision Medicine Research"
10:40	Mark Stacy, MD "Using AI to monitor post-covid Parkinson Disease risk without giving us all one more worry"
11:10-11:30	Q&A
11:30-12:30	Lunch

THE ETHICS OF PRECISION MEDICINE

APRIL 12, 2024

SESSION III:	Ethics and Nanomedicine
	MODERATOR: Grant Goodrich, PhD, HEC-C
12:30	George Khushf, PhD "Ethics of Convergence"
1:00	David Resnik, PhD "Risk and Nanomedicine"
1:30	Q&A
1:50-2:10	Coffee Break

SESSION IV:	AI and Precision Medicine
	MODERATOR: Jihad Obeid, MD
2:10	Hamilton Baker, MD "Ethical Considerations of AI in Precision Medicine"
2:40	Paul Heider, PhD "Probing Clinical NLP Models for Structural Bias"
3:10	Q&A
3:30	Q&A for all speakers
3:45	Adjourn

SPEAKERS

Caitlin G. Allen, PhD, MPH is a social and behavioral scientist with expertise in the implementation of evidence-based research to advance precision public health initiatives. She is a thought leader in the field of precision public health, with her work highlighted in Nature and Harvard Public Health Magazine. Her overarching research goal is to support the translation of genomics applications to maximize population health impact and improve health equity. To achieve this goal, Dr. Allen focuses on contributing to the field in three key areas: 1) participatory implementation science to support community engagement in genomics and precision public health research, 2) workforce diversity through the training of community health workers in genomics research competencies, and 3) novel approaches to communicating genomic information among diverse populations (e.g., risk communication, results disclosure, family health history). Dr. Allen is also a dedicated mentor who is passionate about training the next generation of scientists in the field of precision public health.

Dr. G. Hamilton Baker, MD, MS is an associate professor of pediatric cardiology and public health. He has completed a master's program in Biomedical Data Science and Informatics at Clemson University, authored over 60 peer-reviewed journal publications, and holds a U.S. patent in interventional image guidance. He is co-founder and co-director of the Clemson University - MUSC Artificial Intelligence Hub. His research focuses on the application of deep learning in congenital heart disease. He has a special interest in the ethical issues surrounding AI in healthcare.

Shawneequa Callier, J.D., M.A. Bioethics, is an Associate Professor with tenure in the Department of Clinical Research and Leadership at the George Washington University (GW) School of Medicine and Health Sciences (SMHS). For over a decade, she has also served as a Special Volunteer at the Center for Research on Genomics and Global Health at the National Human Genome Research Institute, NIH. Professor Callier teaches bioethics courses in the SMHS Translational Health Sciences Ph.D. program and provides guest lectures across GW's campus on health research ethics and genomics law and policy. Since 2014, Professor Callier has also served on the GW Hospital Ethics Committee.

Prior to joining the GW faculty, Professor Callier completed a post-doctoral fellowship at the Center for Genetic Research Ethics and Law, an interdisciplinary center for excellence funded by the National Human Genome Research Institute and located in the Bioethics Department of Case Western Reserve University's School of Medicine. Earlier in her career, Professor Callier practiced healthcare law as an attorney in Washington, D.C. She also interned at the World Health Organization and the Nuffield Council on Bioethics, examining international health research ethics policies and human genetics laws and guidelines.

SPEAKERS

Leonard M. Fleck, PhD, is University Distinguished Professor of Philosophy and Bioethics in the Center for Bioethics and Social Justice, College of Human Medicine, Michigan State University. He is the author of Precision Medicine and Distributive Justice: Wicked Problems for Democratic Deliberation (Oxford University Press, 2022), Bioethics, Public Reason and Religion (Cambridge University Press, 2022), Just Caring: Health Care Rationing and Democratic Deliberation (Oxford University Press, 2009), plus over 160 published articles and book chapters on a variety of bioethics and health policy issues. His most recent work addresses ethics and policy issues related to emerging genetic technologies.

Paul Heider, PhD, is an Assistant Professor in the Biomedical Informatics Center (BMIC) and the Department of Public Health Sciences at MUSC. He serves as head of the NLP Core, a service center for researchers who want to use natural language processing (NLP) tools to extract structured coded data from unstructured data sources like clinical notes. Prior to joining MUSC, he built and designed NLP systems for start-ups and multi-national organizations on the scale of tens of millions of documents a day. He received his PhD from the Linguistics Department at SUNY Buffalo and his BA from Grinnell College.

George Khushf, PhD is Professor in the Department of Philosophy at the University of South Carolina. From 2008-2022 he was Director of the USC Center for Bioethics where he provided bioethics services for a regional hospital system (now Prisma). His research focuses on ethical and policy issues raised by emerging developments in medicine and has included work with an NIH panel addressing human subjects research challenges in nanomedicine. He is the current SELI Chair for the American College of Medical Genetics and Genomics (ACMG) and recently received an NIH grant to develop metrics of bias and fairness in Big Data EHR studies.

David B. Resnik, PhD is a Bioethicist at the National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health (NIH) and Senior Advisor for Research Integrity in the NIH's Office of Intramural Research. Dr. Resnik has an MA and PhD in Philosophy from the University of North Carolina at Chapel Hill, a JD from Concord University School of Law, and a BA in Philosophy from Davidson College. He has published over 300 articles and 10 books on ethical, legal, and philosophical issues in science, technology, and medicine; is an Associate Editor of the journal Accountability in Research; and an AAAS Fellow.

SPEAKERS

Mark Stacy, MD, is the William E. Murray Professor of Neurology at MUSC. He is a 1986 graduate of University of Missouri School of Medicine. He completed a residency at Hahnemann (Drexel) University, and fellowship in Movement Disorders at Baylor College of Medicine. His faculty appointments have been at University of Missouri, Barrow Neurological Institute (Muhammad Ali Parkinson Center) and Duke University. At Duke he also served as Vice Dean for Clinical Research. Before arriving at MUSC, Stacy was the Dean of Brody School of Medicine and Vice Chancellor for Health Sciences at East Carolina University. Dr. Stacy's research has focused on Impulse Control Disorders and Wearing Off in Parkinson Disease. He also edited The Handbook of Dystonia. He has served on the Editorial Board of Journal of Clinical Investigation and as Editor of the Movement Disorders Society Newsletter: Moving Along. He is currently on the Editorial Board of Movement Disorders.

CONTINUING MEDICAL EDUCATION CREDIT DESIGNATION

Registration is available at: ***https://education.musc.edu/leadership/provost/human-values/thomas-pitts-lectureship***
You will be able to select your preference to attend in-person or online.

PHYSICIANS:

The Medical University of South Carolina designates this live activity for a maximum of 6.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

OTHER HEALTH PROFESSIONALS:

The Medical University of South Carolina College of Medicine awards up to 0.63 CEUs or 6.3 contact hours (1 contact hour equals 0.1 CEU) to each non-physician participant who successfully completes the educational activity. The CEU (Continuing Education Unit) is a nationally recognized unit of measure for continuing education and training activities that meet specific educational planning requirements. The Medical University of South Carolina maintains a permanent record of participants who have been awarded CEUs.

CHANGES TO CONTINUING EDUCATION CREDITS:

The Office of Continuing Medical Education (CME) charges $25.00 for a certificate of attendance FOR ALL NON MUSC Attendees. Credit earned by MUSC Care Team Members will be loaded into CME Tracker and can be printed for an unofficial transcript at no charge.

ACCREDITATION

The Medical University of South Carolina is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for Physicians.

DISCLOSURE STATEMENT

In accordance with the ACCME Standards for Integrity and Independence in Accredited Continuing Education anyone involved in planning or presenting this educational activity will be required to disclose any financial relationships with any ineligible companies. An ineligible company is any entity whose primary business is producing, marketing, selling, reselling, or distributing healthcare products used by or on patients. This information is listed below. Any financial relationships with these ineligible companies have been mitigated by the MUSC Office of CME. Speakers who incorporate information about off-label or investigational use of drugs or devices will be asked to disclose that information at the beginning of their presentation. The following information has been disclosed: