



HEALTHCARE ETHICS AND LAW CONFERENCE 2023: GENETICS AND GENOMICS: MEDICAL, ETHICAL, AND SOCIAL IMPLICATIONS

Date: Friday, February 10, 2023
Time: 8:00 A.M. – 3:30 P.M. (Registration & Check-In 7:30 A.M.)
Location: Regions Community Room, Cooney Hall, Samford University

The Healthcare Ethics and Law [HEAL] Institute was created to better support the unique and complex relationships between patients and health-care providers, the individuals who make patient-care decisions, and the institutional ethics committees who offer them advice and counsel. The 2023 HEAL Conference, focusing on the implications of medical genetics and genomics, is registered as a knowledge-based continuing pharmacy education (CPE) activity and is approved for **6.5 live contact hours (0.65 CEUs)** appropriate for **pharmacists**. To receive credit, participants must attend the entire session and complete program assessments. Credit will be sent electronically through CPE Monitor within 30 days following the program. NABP e-Profile ID# and Date of Birth (mmdd) required.

STATEMENT OF EDUCATIONAL NEED

Genomic medicine implies that healthcare professionals can utilize genetic information of patients to guide their treatment. As a result, patients can receive powerful and targeted therapeutic interventions. This is an area of promise whose potential utilization is pertinent to all medical disciplines and fields. Beyond the promise, there are many ethical and social implications that must be considered. The purpose of this activity is to provide pharmacists the opportunity to learn in an interprofessional environment about the status of medical genomics and the issues that must be navigated to ensure it is utilized properly in the future.

Sources:

- National Human Genome Research Institute (NHGRI) home page <https://www.genome.gov/about-genomics> accessed 1/9/2023.
- Genetics and Genomics for Healthcare Providers-NHGRI <https://www.genome.gov/health/For-Health-Professionals> accessed 1/9/2023.

*Speakers:

Dennis Sansom, PhD

Chair and Professor, Retired
Department of Philosophy, Samford University

Bruce Korf, MD, PhD

Chief Genomics Officer
Department of Clinical and Diagnostic Sciences
School of Health Professions
University of Alabama at Birmingham

Nita A. Limdi, PharmD, PhD, MSPH, FAHA

Professor
Associate Director of Precision Medicine Institute
Department of Neurology
Heersink School of Medicine
University of Alabama at Birmingham

Jeffrey Kahn, PhD, MPH

Andreas C. Dracopoulos Director of Berman Institute of Bioethics
Johns Hopkins University

Farrell Mendelsohn, MD

Director of the Center for Therapeutic Angiogenesis
Research Investigator
Cardiology, P.C.

Kelly East, MS, CGC

VP of Educational Outreach
Hudson-Alpha Institute for Biotechnology

Renie Moss, MA, MPH

Program Director II
Department of Genetics
University of Alabama at Birmingham

*Speakers have no relevant conflicts of interest to disclose.

Learning Objectives for pharmacists:

After the session, the participant should be able to:

- Identify two influential philosophical interpretations of human identity.
- Discuss the relevance of biblical and theological explanations of human identity.
- Recite opportunities to integrate genomics into healthcare for rare and common disorders.
- Recognize some of the limitations in the application of genomic medicine.
- Describe some of the ethical and legal challenges in genomic medicine and possible solutions.
- Identify opportunities to integrate polygenic risk scores (for chronic diseases) and pharmacogenomics (for medication therapy).
- Recognize operational challenges for integration of pharmacogenomics and polygenic risk scores in clinical care.
- List the ethical issues in human genome editing for which governance is necessary.
- Review international governance for genome editing and prospects for the future.
- Describe how concepts of identity influence medical practice.
- Review the limitations of applying secular concepts of human identity to the practice of medicine.
- Describe the changing landscape of modern genetic and genomic testing.
- Recognize the limitations of current genetic testing technologies.
- Identify benefits and risks of genetic testing, including ethical, legal, and social concerns.
- Recite patient and family characteristics impacting the decision to pursue genetic testing and clinical care.
- Identify ways to integrate the patient voice into patient-care decision making and health care policy.

Agenda:

7:30 – 8:00 A.M.	Registration and Check-In
8:00 – 8:15 A.M.	Welcome and Announcements
8:15 – 9:00 A.M.	Ethical/Philosophical Aspects: Who Are We? Genes, Genealogy, and God Speaker: Dennis Sansom, Ph.D.
9:05 – 9:50 A.M.	Genomics Aspects: An Overview of Genomics and Precision Medicine Speaker: Bruce Korf, MD, PhD

9:55 – 10:10 A.M.	Break
10:10 – 10:55 A.M.	Pharmacogenomic: Chronic Disease Genomics and Pharmacogenetics Speaker: Nita A. Limdi, PharmD, PhD, MSPH, FAHA
11:00 – 12:30 P.M.	Pellegrino Award, Lecture, and Lunch KEYNOTE: Ethics Considerations and the International Governance of Human Genome Editing: Prospects or Pipe Dream? Speaker: Jeffrey Kahn, PhD, MPH
12:30 – 1:15 P.M.	Medical Aspects: Human Identity and Medicine Speaker: Farrell Mendelsohn, MD
1:15 – 2:00 P.M.	Genetic Counseling Aspects: Genetic Testing Challenges and Counseling Considerations Speaker: Kelly East, MS, CGC
2:00 – 2:15 P.M.	Break
2:15 – 3:00 P.M.	Faith, Health care, and Genetic testing: Diagnosed with Rare Disease: How One Family Navigates the Unknown Speaker: Renie Moss, MA, MPH
3:00 – 3:25 P.M.	Panel Discussion: Where do we go from here?
3:25 – 3:30 P.M.	Wrap-up and Dismissal

Cost: Pharmacists - \$60

Conference registration costs \$60 per person, which includes lunch and conference materials. Samford students and faculty receive free registration. Contact Scott Bickel at cbickel@samford.edu for the promotional code. A Samford ID must be shown at registration. Advanced registration is encouraged as seating is limited.

Registration: For online registration go to:

<http://www.samford.edu/pharmacy/continuing-education>

Preregistration closes at midnight February 8th. There will be no refunds unless cancellation is made before preregistration closes.

ACPE UAN:



Samford University McWhorter School of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

This ACPE-accredited CPE activity is conducted without commercial support or influence of any kind.