

Conference Overview

This is the twelfth conference in an annual series that addresses current ethical and legal issues related to human genetics. The focus of this year's conference is the ethical impact that current and emerging forensic genetic and DNA database practices are expected to have on the criminal justice system, the individual, and on society. Law enforcement agencies around the world have been using DNA databases to identify violent criminals for over a decade. Recently, large cold case projects have begun to use DNA technology to develop investigative leads, have explored using DNA databases to identify relatives of potential suspects, and have used DNA to predict the likely ethnic origin of a perpetrator. Conference attendees will explore the scientific and ethical concerns of current investigative practices involving use of DNA databases, as well as newer approaches to developing investigative leads such as familial searches or rare allele geography. The conference will culminate in an interactive session that explores the ethical

principles that inform the creation of policy and legal standards, including the case law that applies. Attendees will convene at a mock hearing evaluating the admissibility of DNA evidence with an emphasis on ethical principles and legal precedence in a case in which key leads were developed from innovative uses of the DNA database. All attendees will have the opportunity to participate actively in all phases of the conference.

This broadly-based conference targets forensic scientists, legal professionals, legislators, health care professionals and physicians, researchers, businesses, ethicists, ethics committee members, institutional review board members, and individuals interested in the impact of the expansion of DNA databases used by law enforcement agencies to investigate individuals potentially involved in major crimes.



Course Registration

DNA IDENTIFICATION AND THE LAW: NEW HORIZONS AND OUTER LIMITS

• JULY 20 - 21, 2007 •

Register on-line at: www.uchsc.edu/cme and click on the "Register Now" button. Payment by Visa or Mastercard is required to register on-line. When you register on-line, you will receive immediate confirmation of your conference registration. (This site uses industry-standard Secure Sockets Lay (SSL) encryption technology to protect your credit card information.)

Register by mail or fax:

Last Name _____ First _____ MI _____

Degree: MD DO Ph.D. JD Other _____

Address _____

Zip _____ City _____ State _____

Office Phone No. _____ Fax No. _____

E-Mail _____

(We will not provide your email address to anyone outside the CME office or Center for Bioethics)

Registration:	On or Before 6/8/07	After 6/8/07	Student Fee
	\$275	\$325	\$150

Total Due: \$ _____

Enclosed is my check made payable to: Center for Bioethics & Humanities

Visa MasterCard

Credit Card Number _____ Exp. Date _____

Cardholder Signature _____

(Only registrations with credit card payments are accepted by fax and on-line registration. We will accept registrations through Friday, July 13; thereafter, you may register onsite.)

 If you have a disability and may require accommodation in order to fully participate in this activity, please be sure to notify Mary Lou Wallace of your special needs.

**Mail to: Genetics & Ethics, UCDHSC • 4200 E. 9th Avenue, B137
Denver, CO 80262**

Fax to: 303-315-0820 with Visa or MasterCard payment

General Information

THE GIVEN INSTITUTE

The program will be held at The Given Institute, a very comfortable and pleasant site for a meeting. The building, specially constructed for this purpose in 1973, is surrounded by beautifully landscaped grounds, which are used for informal discussion and social events. The Institute is located at 100 E. Francis St., at the corner of Garmisch & E. Francis Streets, 3 blocks north of Highway 82. Visit: www.giveninstitute.org. The telephone number during conference meeting times only is 970-544-6000; to leave a voice message: 970-925-1057.

ASPEN, COLORADO

Aspen is located 200 miles west of Denver at an elevation of 7,900 feet, in the midst of the White River National Forest, near some of the most spectacular scenery in Colorado. Aspen may be reached from Denver by automobile via Routes 285, 24, and 82 which is a breathtaking ride over Independence Pass (approximately 3.5 hours), or via Glenwood Springs on Interstate 70 and Route 82 (approximately 4 hours). Colorado weather features warm days, cool evenings and occasional late afternoon showers. Bring clothing suitable for temperature ranges between 55-85 degrees. Casual wear is appropriate and encouraged. Sunglasses and sunblock are advised. Please be sure to bring an umbrella or raingear for occasional afternoon rain showers.

TRANSPORTATION

We are pleased to work with CJ Rigsby of Travel Agents who has a track record of getting people to and from Aspen at great savings. Parent Company, Ski.Com has its own contracted discount (bulk) airfares with all major airlines. To assist you with your air travel or any transportation needs, please contact CJ at 800-332-7736, ext. 3212, or Jovita at ext. 3270, or by email at cj@ski.com.

ACCOMMODATIONS

Please reference the Genetics & Ethics Conference, University of Colorado, when calling for reservations.

Molly Gibson Lodge: 2 blocks from The Given Institute. A variety of room types, some with jacuzzis, fireplaces, kitchens, courtesy shuttle to and from the airport, complimentary continental breakfast, and wireless internet service. One-speed bicycles available for use. Rates range between \$176 - \$261 if you book directly. Room block released June 15. Call 800-356-6559. To take the virtual tour of the property, visit www.mollygibson.com but to receive the group rate, please call the Lodge directly.

For more hotel options, visit www.giveninstitute.org.

ASPEN ACTIVITIES

For information on Aspen activities and additional lodging information, telephone Aspen Central Reservations at 970-925-9000, www.aspen4u.com or www.snowmassvillage.com.

There are many events occurring in Aspen during this time, so your early decision regarding lodging and airline reservations is strongly advised.

ACCREDITATION

CLE Credit: This course has been accredited by the Colorado Board of Continuing Legal and Judicial Education for a maximum of 11 units of credit (11 general units, 7 of which are ethics units).

CEU: An application for CEU credits has been submitted to the American Board of Genetic Counseling.

FEES

Fees include Friday evening reception, refreshments, Saturday lunch, syllabus materials and a non-refundable administrative charge of \$50. All fees are due in advance; registrations will not be accepted without payment. Only registrations with credit card payments will be accepted by fax and on-line registration. We will accept registrations through Friday, July 13; thereafter, you may register on-site.

<u>On or before June 8, '07</u>	<u>Postmarked after June 8, '07</u>	<u>Student Fee</u>
\$275	\$325	\$150

Cancellation: Through Friday, July 6, a full refund, less the \$50 administrative fee, will be made for cancellations. No refunds will be granted after July 6 or for non-attendance. The conference committee reserves the right to cancel this conference in the event of an unforeseen circumstance, or if the minimum acceptable registration is not attained. In the event of a cancellation the Office of CME is obligated to refund the registration fee only.

For Additional Information:

Call Mary Lou Wallace: 303-315-5096 or Marilyn Coors: 303-315-0203, University of Colorado Center for Bioethics and Humanities. Visit our website for links to Aspen/Snowmass websites and register on-line: www.uchsc.edu/cme.

Schedule

Friday, July 20, 2007

*DNA Identification and the Law:
New Horizons and Outer Limits*

- PM
- 12:00-1:00 Registration
- 1:00-1:15 **Welcome:** Richard Spritz, M.D., F.A.C.M.G.; Mark Yarborough, Ph.D.
- 1:15-2:00 **"The Forensic Genetics of DNA Database Expansion"**
Greggory S. LaBerge
- 2:00-3:15 **"Genomic and Socio-political Issues of Race, Skin Color and Ancestry: How Do We Reconcile the Data?"**
Rick Antonius Kittles, Ph.D.
- 3:15-3:45 Break
- 3:45-5:00 **Lynda M. Fox Memorial Keynote Address**
"DNA in the Courts: A Judge's Perspective"
The Honorable Barbara J. Rothstein
- 5:00 **Reception**


Saturday, July 21, 2007

Forensic Genetics and DNA Databases: Is There an Ethical Framework? Are There Ethical Guidelines?

- AM
- 9:00-9:45 **"Genetics and Justice: Balancing Public Safety and Personal Privacy"**
Kathy Hudson, Ph.D.
- 9:45-10:30 **"DNA Database Expansion in the United Kingdom - Evolution, Ethics and Success"**
Mr. Robert Green
- 10:30-11:00 Break
- 11:00-11:45 **"DNA Database Expansion in the United States: Legal Safeguards, the 4th Amendment and Ethics"**
The Honorable Mitchell R. Morrissey
- 11:45-12:30 **Use and Abuse of DNA in the Courts - Civil Rights Issues**
Sheldon Krimsky
- 12:30-1:30 Lunch and Small Group Discussion
- PM
- "The Application of Science to the Courtroom and Appeals Process: Ethical Implications"**
What can or should happen when the District Attorney's office believes that information or samples from a hospital or research laboratory could identify the victim or suggest a suspect in a crime? What if the prosecutor suggests that characteristics of DNA samples at a crime scene predict ethnicity or other characteristics of an individual? What legal arguments can you make to permit or prevent criminal justice system access to or use of DNA? What are the scientific limitations to and ethical implications of the various arguments? What is the impact of a Certificate of Confidentiality on the ability of the researcher to protect research subjects?
- 1:30-2:00 **Introduction, Fact Pattern and Discussion**
- 2:00-3:30 **Practical Application: Hearings, Trials and Appeals**
- 3:30-4:00 Break
- 4:00-5:00 **Conclude Practical Application**
- 5:00 Adjourn



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 **University of Colorado at Denver
and Health Sciences Center**
Center for Bioethics & Humanities
4200 East Ninth Avenue, B137
Denver, Colorado 80262

DNA Identification and the Law: New Horizons and Outer Limits
July 20-21, 2007
Faculty

Conference Faculty

Robert Green
Head of Forensic Science Team
Police and Crime Standards Unit
The Home Office
London SW1 P 4DF

Kathy Hudson, Ph.D.
Director, Genetics and Public Policy Center
Johns Hopkins University

Rick Antonius Kittles, Ph.D.
Department of Medicine
Section of Genetic Medicine
The University of Chicago

Sheldon Krimsky
Visiting Scholar, ACLU & Columbia University

Greggory S. LaBerge
Director, Denver Police Department Crime Laboratory
University of Colorado at Denver
and Health Sciences Center

The Honorable Mitchell R. Morrissey
Denver District Attorney
Denver District Attorney's Office

The Honorable Barbara J. Rothstein
United States District Judge
Director, Federal Judicial Center

Committee Faculty

Marilyn Coors, Ph.D.
Assistant Professor of Bioethics
Center for Bioethics and Humanities
University of Colorado at Denver
and Health Sciences Center

Carol Greene, M.D.
Director, Clinical Genetics and Metabolism, and
Medical Director, Masters in Genetic Counseling
Training Program
University of Maryland School of Medicine

Eric Juengst, Ph.D.
Professor of Bioethics
Director, Center for Genetic Research, Ethics and Law
Department of Bioethics
Case Western Reserve University School of Medicine

Paul Spicer, Ph.D.
Associate Professor of Psychiatry
American Indian & Alaska Native Programs
University of Colorado at Denver
and Health Sciences Center

Richard A. Spritz, M.D., F.A.C.M.G.
Professor and Director
Human Medical Genetics Program
University of Colorado at Denver
and Health Sciences Center

Mark Yarborough, Ph.D.
Associate Professor and Director
Center for Bioethics and Humanities



 **12th Annual**
Genetics & Ethics
in the 21st Century



July 20-21, 2007
The Given Institute of the University of Colorado
Aspen, Colorado



PRESENTED BY:
University of Colorado at Denver and Health Sciences Center
The Human Medical Genetics Program
Center for Bioethics and Humanities
Office of the Chancellor
and
Center for Genetic Research Ethics and Law
Case Western Reserve University School of Medicine

UNRESTRICTED EDUCATIONAL SUPPORT:
Affymetrix, Inc.

**DNA Identification and the Law:
New Horizons and Outer Limits**