



9th Annual  
Genetics & Ethics  
in the 21st Century

July 23-25, 2004  
The Given Institute of the University of Colorado  
Aspen, Colorado



PRESENTED BY:

University of Colorado Health Sciences Center  
The Human Medical Genetics Program  
Center for Bioethics and Humanities  
Office of the Chancellor

SPONSORED BY:

University of Colorado School of Medicine  
Office of Continuing Medical Education

PRINCIPAL EDUCATIONAL SUPPORT PROVIDED BY:

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Genes, Race and Ethnicity



# 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](http://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.

## ASPEN ACTIVITIES

Aspen is one of the nation's foremost cultural centers. The internationally renowned Aspen Music Festival attracts some of the best conductors and musicians in the world. The Festival presents over 130 events during its nine week season, including orchestral, chamber, opera, choral, jazz and special events for children. For a free calendar of events write to Music Associates of Aspen, 2 Music School Road, Aspen, CO 81611. Telephone 970-925-3254; fax 970-920-1643; visit: [www.aspenmusicfestival.com](http://www.aspenmusicfestival.com).

Dance Aspen offers performances by top dance troupes from around the country. The Aspen Art Museum, located in the historic power plant building, features shows by nationally recognized artists and curators. Downtown Aspen also houses several well-known galleries and shops.

For more information on Aspen activities visit: [www.aspenchamber.org](http://www.aspenchamber.org) or [www.snowmassvillage.com](http://www.snowmassvillage.com)

Aspen provides unequalled opportunities for hiking, fishing, biking, horseback riding, golf, tennis, river rafting, hot air balloon rides and more. Information and a pre-registration packet for recreational activities will be available on-line at [www.uchsc.edu/cme](http://www.uchsc.edu/cme) or you may call Blazing Adventures directly at 800-282-7238 or 970-923-4544 and ask for the Group Services Department. Their experienced staff can provide information regarding the area as well as make reservations for activities.

## TRANSPORTATION

We are pleased to work with Susan Sparks of Aspen Ski Tours, 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 Susan at 800-332-7736, ext 283, or by email at [susan@ski.com](mailto:susan@ski.com).

## ACCOMMODATIONS

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

**Hotel Aspen:** 2 blocks from The Given Institute. Contemporary classic offers a variety of room types, some with jacuzzis, balconies, solariums, outdoor pool and hot tub. Breakfast included. Free Happy Hour Reception with food and beverage every day from 4:30 - 6:00 p.m. Free long-distance phone calls. Rates from \$159. Room block released **June 23**. **800-527-7369**

**Hotel Lenado:** 200 South Aspen Street, Aspen, Colorado. Award-winning bed and breakfast hotel with distinctive interiors, personal service, and a warmth and style all its own. Guest rooms have four-poster beds, feather comforters and in the larger rooms, whirlpool baths. Jacuzzi, bar and complimentary breakfast. Walking distance to shops, restaurants, Music Festival, and The Given Institute. [www.hotellenado.com](http://www.hotellenado.com). E-mail: [info@hotellenado.com](mailto:info@hotellenado.com). 3-night minimum stay, \$238.50 and \$265.50 based on availability. 800-321-3457

**Innsbruck Inn:** 233 W. Main Street. Charming lodge with outdoor pool and jacuzzi. Complimentary buffet breakfast. 2 blocks from The Given Institute. Rates starting at \$149 for 2 nights; \$139 for 3 nights; \$129 for 4 nights, based on availability, 2-night minimum stay. Visit: [www.preferredlodging.com](http://www.preferredlodging.com)  
Email: [Innsbruck@aspenpreferred.com](mailto:Innsbruck@aspenpreferred.com) 866-925-2980

**Limelite Lodge:** 228 E. Cooper Avenue, 4 blocks from The Given Institute. Pools, jacuzzis, complimentary continental breakfast. Standard economy hotel rooms starting at \$149, based on availability. Visit: [www.limelite-lodge.com](http://www.limelite-lodge.com) 800-433-0832

**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 starting at \$148 if you book directly. 800-356-6559 To take the virtual tour of the property, visit [www.mollygibson.com](http://www.mollygibson.com) but to receive the group rate, please call the Lodge directly.

For additional lodging information, telephone Aspen Central Reservations at 970-925-9000, [www.aspen4u.com](http://www.aspen4u.com) or [www.snowmassvillage.com](http://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

The University of Colorado School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Colorado School of Medicine designates this educational activity for a maximum of 11 category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

CLE Credit: This course has been accredited by the Colorado Board of Continuing Legal and Judicial Education for a maximum of 9 units of credit (9 general units, 7 of which are ethics units).

## 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, phone and on-line registration. We will accept registrations through Friday, July 16; thereafter, you may register on-site.

On or before June 4

\$250

Postmarked after June 4

\$300

Cancellation: Through Thursday, July 5, a full refund, less the \$50 administrative fee, will be made for cancellations. No refunds will be granted after July 5 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:

Office of Continuing Medical Education, University of Colorado School of Medicine, 800-882-9153 or 303-372-9050. Visit [www.uchsc.edu/cme](http://www.uchsc.edu/cme) to register on-line and link to conference venue information. Email us at: [CME.Meetings@uchsc.edu](mailto:CME.Meetings@uchsc.edu)

# Schedule



## Friday, July 23, 2004

PM

- 1:00 Registration
- 1:30 **Welcome and Opening Remarks:**  
*Richard Spritz, M.D., F.A.C.M.G.*  
*Mark Yarborough, Ph.D.*
- 1:45 **Why is the Genetics and Ethnicity of Races and Populations Important?**  
*L. Luca Cavalli-Sforza, Ph.D.*
- 3:00 **Ethnic Disparities in Health: Potential Implications for Genomic Medicine**  
*Gary H. Gibbons, M.D.*
- 4:15 Break
- 4:45 *Lynda M. Fox Memorial Keynote Address:*  
**Race, Justice, and Human Genetics: Ethical Issues**  
*Pilar Ossorio, Ph.D., J.D.*
- 6:00 Reception

## Saturday, July 24, 2004

AM

- 9:00 **Are Communities Units of Convenience or are They Fundamental Entities for Health Research and Ethical Practice?**  
*Morris Foster, Ph.D.*
- 9:30 **A Nation of Mongrels: Race, Genes and the Law**  
*Paul A. Lombardo, Ph.D., J.D.*
- 10:00 **Perspectives on Race and Ethnicity Data — Experiences of the U.S. Census**  
*Speaker to be Announced*
- 10:30 Break
- 11:00 **Panel Discussion: Some Possible Implications of Genetic Knowledge for U.S. Racial and Ethnic Communities**  
*Pilar Ossorio, Ph.D., J.D., Kim TallBear, Ph.D. Candidate, Giselle Corbie-Smith, M.D., M.Sc.*
- 12:00 Lunch

PM

- 1:30 **Introduction to Mock Exercise: Federal Advisory Committee Meeting**  
Convened by the Office of Management and Budget  
*Robert Gellman, J.D.*
- 2:00 **Begin Mock Exercise: Advising the Government: Collecting and Using Ethnic and Racial Data**
- 3:00 Adjourn

## Sunday, July 25, 2004

AM

- 9:00 **Conclude Federal Advisory Committee Meeting: Advice for Legislative Proposals and Policy Options**
- 10:30 Break
- 11:00 **Panel and Audience Discussion: Future Directions for the Collection and Use of Racial and Ethnic Data in Health, Employment, Education, Sports, Government, and Other Areas**
- 12:00 Adjourn

## Learning Objectives

**After attending this conference, participants should be able to:**

- ▲ Derive an understanding of the current genetic technologies that can define a person's risk for disease as a correlate of one's ancestry.
- ▲ Discover how these technologies can impact our current understanding of race and ethnicity.
- ▲ Consider how current definitions of race impact our society and medical system, and some of the potential consequences of changing those definitions.
- ▲ Learn about the extent of population admixture, how persons of mixed ethnicity and race define the concept of "race" and how societal definitions of race and ethnicity affect these individuals.
- ▲ Develop a basic understanding of the genetics and ethics of racial, ethnic, and population identities and how these identities affect a person's interaction within our social matrix.

# Genes, Race and Ethnicity

July 23-25, 2004

## Guest Faculty

L. Luca Cavalli-Sforza, Ph.D.  
Professor of Genetics Emeritus Active  
Stanford Medical School  
Stanford, CA

Gisele Corbie-Smith, M.D., M.Sc.  
Departments of Social Medicine and Medicine  
Director, Program on Health Disparities  
The University of North Carolina-Chapel Hill  
Chapel Hill, NC

Morris Foster, Ph.D.  
Associate Professor of Anthropology  
Adjunct Associate Professor of Medicine,  
Pediatrics, Native American Studies  
Director, Special Populations Unit  
General Clinical Research Center  
University of Oklahoma  
Norman, OK

Gary Gibbons, M.D.  
Professor of Medicine  
Director, Cardiovascular Research Institute  
Morehouse School of Medicine  
Atlanta, Georgia

Robert Gellman, JD  
Privacy and Information Policy Consultant  
Washington, DC

Carol L. Greene, M.D.  
Policy Analyst  
Office of Science Policy  
Office of the Assistant Secretary for Planning and Evaluation  
U. S. Department of Health and Human Services  
Clinical Professor of Pediatrics  
George Washington University School of Medicine  
Washington, DC

Paul A. Lombardo, Ph.D., J.D.  
Associate Professor and Director  
Program in Law and Medicine  
Center for Biomedical Ethics  
University of Virginia  
Charlottesville, VA

## Faculty

Pilar Ossorio, Ph.D., J.D.  
Assistant Professor of Law and Bioethics  
University of Wisconsin Schools of Law and of Medicine  
Madison, WI

Kim TallBear, Ph.D. Candidate  
History of Consciousness Program  
University of California, Santa Cruz  
Santa Cruz, CA  
Associate, Red Nation, Inc.  
Sisseton, SD

## University of Colorado Health Sciences Center Faculty

Marilyn Coors, Ph.D.  
Assistant Professor  
Center for Bioethics and Humanities

Paul Spicer, Ph.D.  
Associate Professor of Psychiatry  
American Indian & Alaska Native Programs

Richard A. Spritz, M.D., F.A.C.M.G.  
Professor and Director  
Human Medical Genetics Program

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



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