

The Genomic Revolution

and the **origin of humanity**



AUGUST 3-5, 2006
McMASTER UNIVERSITY
HEALTH SCIENCES CENTRE, ROOM HSC-1A1

Attendees at this Origins Institute summer workshop will explore links between genomics and the origin of humans and human culture. A group including 6 world-class scientists and leaders in the fields of human genomics, evolution, and health has been invited to initiate activity that is connected with key international research efforts in population and reproductive biology, molecular medicine, gene and stem cell therapies, and environmental health.

To register for the workshop, and submit abstracts for contributed talks and posters, please visit the following site and complete the form by **Friday, June 30, 2006:**

<http://origins.mcmaster.ca/genomics/registration.html>

Organizing Committee:

Rama Singh (chair)
Department of Biology

Hendrik Poinar
Department of Anthropology

Brian Golding
Department of Biology

Ralph Pudritz
Director, Origins Institute

For Information Contact:

For Programme:

Rama Singh
Phone: (905) 525-9140 ext. 24378
singh@mcmaster.ca

Ralph Pudritz
(905) 525-9140 ext. 23180
pudritz@physics.mcmaster.ca

For Registration and Accommodation:

Rosemary McNeice
(905) 525-9140 ext. 23531
mcneicer@mcmaster.ca

Invited Speakers:

Genetics and Human Origins

Mark Stoneking

Max Planck Institute for Evolutionary Anthropology
"Genetic Analyses and the Importance of Cultural Factors in Human Evolution"

Human-Chimp Comparative Genomics

Andrew Clark

Cornell University
"Macaque and the Common Ancestor of Humans and Chimps"

Patterns of Human Diversity

Marc Feldman

Stanford University
"Genetic Diversity and the Disease Dilemma"

Disease and Evolution

Sarah Tishkoff

University of Maryland
"Human Evolutionary Genetics and Disease"

Genetics, Environment and Health

Kenneth Morgan

McGill University
"Challenges and Approaches to Understanding Complex Diseases"

Population Genomics and Complex Diseases

David Serre

McGill University
"Population-Based Solutions for Deciphering the Paradox of Complex Diseases"

origins.mcmaster.ca/genomics