

UMaine Darwin Lectures A Celebration of Darwin

All Lectures: 130 Little Hall, UMaine, 8:35-9:50 a.m.

These lectures celebrate the 150th anniversary of the publication of *The Origin of Species* and the 200th anniversary of Charles Darwin's birth. In *The Origin*, arguably the most important work of the nineteenth, twentieth, and twenty-first centuries, Darwin proposed the theory of Natural Selection which provides a mechanism for how biological organisms change through time. Later works by Darwin expand on this theory and provide further contextual analyses. Natural Selection is the foundational theory for all of biological science, and provides baseline discussion on evolutionary thought in the arts, humanities, social sciences, and other sciences as well.

Historical Context

Mon, August 31

Larry Smith, Assoc. Prof. of Psychology

Darwin, the Reluctant Revolutionary?

Wed, September 2

Larry Smith, Assoc. Prof. of Psychology

Historical and Cultural Impact

Wed, September 9

Francois Amar, Assoc. Prof. of Chemistry

Darwinism, Religion, and Social Darwinism in the 19th Century

Mon, September 14

Howard Segal, Prof. of History

Natural Selection

Mon, September 21

Michael Kinnison, Assoc. Prof. of Biological Sciences

Unnatural Selection

Wed, September 23

Michael Kinnison, Assoc. Prof. of Biological Sciences

Sexual Selection

Mon, September 28

Irving Kornfield, Prof. of Biology and Molecular Forensics

The Laws of Variation and the Genome

Wed, September 30

Keith Hutchison, Prof. of Biochemistry and Molecular Biology

The Genome: Changing Slow, Changing Fast

Mon, October 5

Keith Hutchison, Prof. of Biochemistry and Molecular Biology

Speciation and Cladogenesis

Wed, October 7

Irving Kornfield, Prof. of Biology and Molecular Forensics

Prokaryotic to Eukaryotic Evolution

Wed, October 14

Mary Rumpho-Kennedy, Prof. of Biochemistry and Molecular Biology

Evolution of Human Response to disease, vaccines

Wed, October 21

Carol Kim, Assoc. Prof. of Biochemistry, Microbiology, and Molecular Biology

Evolution of Nervous Systems

Mon, October 26

Alan Rosenwasser, Prof. of Psychology

Historical Perspectives of Development

Wed, October 28

Marie Hayes, Prof. of Psychology

Struggle for Existence, Brain Stem Structure, Human/Fetal Interaction

Mon, November 2

Marie Hayes, Prof. of Psychology

Evolution of Biological Clocks

Wed, November 4

Alan Rosenwasser, Prof. of Psychology

Hominid Evolution, Human Migrations, and Ancient DNA

Mon, November 16

Kristin Sobolik, Prof. of Anthropology and Climate Change

Struggle for Existence, Biocultural Evolution

Wed, November 18

Jim Roscoe, Prof. of Anthropology

Evolution of Warfare

Mon, November 23

Jim Roscoe, Prof. of Anthropology

Biocultural Evolution, Group Selection

Mon, November 30

Constanza Ocampo-Raeder, Asst. Prof. of Anthropology

Evolution of Facial Expressions

Wed, December 2

Peter LaFreniere, Prof. of Psychology

Basic Emotions in Infancy

Mon, December 7

Peter LaFreniere, Prof. of Psychology

Overview of Darwin's Contributions to the Science of Evolution

Wed, December 9

George Jacobson, Prof. Emeritus of Biology, Ecology, and Climate Change