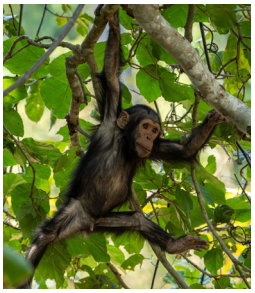


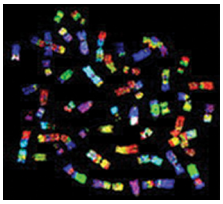








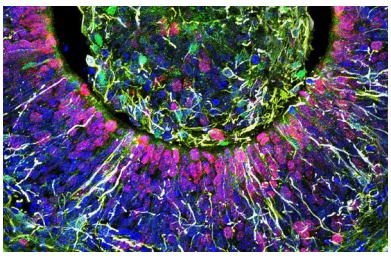

GRADUATE SPECIALIZATION IN ANTHROPOGENY

PROGRAM GUIDE

THE SPECIALIZATION

A graduate track for UCSD Ph.D. students to complement their primary studies with interdisciplinary research and training in anthropogeny (human origins), leading to a parenthetical degree.

RELEVANCE

Research on human origins informs fields from medicine and public health to social organization and education. By specializing in anthropogeny, graduate students gain transdisciplinary training that strengthens their ability to integrate knowledge across diverse disciplines.

ELIDGIBILITY

UCSD Ph.D. students from anthropology, biological sciences, biomedical sciences, cognitive science, linguistics, neurosciences, psychology, management, and visual arts are eligible to participate. It is advisable that thesis and dissertation topics broadly relate to human origins.

OBJECTIVES

Equip students with the knowledge to define and explain the evolutionary origins of humans. Students will develop a broad, flexible, and interdisciplinary understanding of human origins by examining how humans differ from great apes at structural, molecular, and functional levels, and by explaining human-specific specializations via the genetic, biological, environmental, and cultural factors that shape their evolutionary development.

http://carta.anthropogeny.org

Contact: Dr. Pascal Gagneux at pgagneux@health.ucsd.edu

ANTHROPOGENY COURSES

Introduction to Anthropogeny (ANTH203)
Required. An overview of human origins from molecules to models, culture to climate, synapses to societies, and fossils to field primatology. 10 lecture/discussion sessions.

Current Topics in Anthropogeny (BIOM218)
Required. Participate in at least 6 of CARTA's anthropogeny symposia.

Advanced Anthropogeny (BIOM229)
Required. A seminar on uniquely human traits across multiple domains of knowledge and scientific disciplines. 10 lecture/discussion sessions.

Anthropogeny Field Course (ANTH289S)
Optional. An immersive summer session course in East Africa. Students experience the ecological context of human adaptation and the three major field research approaches to studying the origins of our species: fossil evidence, comparative biology, and ethnography of human foragers.

Anthropogeny Research Rounds
Optional. Monthly seminars addressing relevant human origins research.

TOPIC AREAS

Human and primate biology, genetics, and evolution; Paleoanthropology and hominid origins; Mammalian and Primate Neurosciences; Medicine and disease; Language and cognition, including nature-nurture interactions; Society and culture; Comparative developmental biology of primates.

FELLOWSHIPS

Ph.D. student in the Specialization may apply for up to two years of support by submitting their CV, advisor's CV, abstract of proposed thesis, statement of interest, and letter of support from advisor as a collated PDF to pgagneux@health.ucsd.edu by June 1.

HOW TO ENROLL

Interested students must meet with Dr. Pascal Gagneux for enrollment approval. After approval, they work with their department to submit a petition adding the Anthropogeny Specialization to their record.