DEPARTMENT OF ANTHROPOLOGY
COLLEGE OF ARTS AND SCIENCES

SUMMER RESEARCH OPPORTUNITIES FOR UNDERGRADUATE WOMEN

APPLICATION DEADLINE: 03/01/2017

PROJECT TITLE: Correlating Genetic Information to Facial Features

Heather Norton
Department of Anthropology
McMicken College of Arts and Sciences
446 Braunstein Hall
Cincinnati OH 45221
heather.norton@uc.edu
Phone: 513 556-3594
Fax: 513 556-2278

Project Description

This research project will investigate variation in several externally visible characteristics (EVCs) in humans, including traits related to eye, hair, and skin pigmentation, skin tone, and skin texture. While some of these traits are relatively stable over time, others may change with age or exposure to various environmental factors. This study will characterize variation in these traits in a sample of adult females, as well as investigate the genetic, environmental, and behavioral factors that contribute to that variation. The WISE student may be assigned to various aspects of this research, including the collection of phenotypic trait data, analyses of patterns of variation in that data, and/or the identification of particular genetic variants associated with phenotypes of interest.