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.