

# Julie White

IRTA POSTDOCTORAL FELLOW

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*Trying to make things work*

## Research Interests

- Genetic and environmental contributors to human phenotypic variation and health
- Epigenetic modifications in response to environmental exposures
- Gene x environment interactions
- Bioinformatics, statistical genetics, and data visualization

## Education

### Clemson University

B.S. IN GENETICS

Clemson, SC

2010-2014

### Penn State University

M.A. IN ANTHROPOLOGY

State College, PA

2014-2016

### Penn State University

PH.D. IN ANTHROPOLOGY

State College, PA

2016-2019

## Publications

### JD White, K Indencleef, S Naqvi, RJ Eller, H Hoskens, J Roosenboom, ...

INSIGHTS INTO THE GENETIC ARCHITECTURE OF THE HUMAN FACE

*Nature Genetics*

2021

### K Indencleef, H Hoskens, MK Lee, JD White, C Liu, RJ Eller, S Naqvi, ...

THE INTERSECTION OF THE GENETIC ARCHITECTURES OF OROFACIAL CLEFTS AND NORMAL FACIAL VARIATION

*Frontiers in genetics*

2021

### J Li, TG Zarzar, JD White, K Indencleef, H Hoskens, H Matthews, ...

ROBUST GENOME-WIDE ANCESTRY INFERENCE FOR HETEROGENEOUS DATASETS: ILLUSTRATED USING THE 1,000 GENOME PROJECT WITH 3D FACIAL IMAGES

*Scientific reports*

2020

### JD White, A Ortega-Castrillon, C Virgo, K Indencleef, H Hoskens, ...

SOURCES OF VARIATION IN THE 3DMDFACE AND VECTRA H1 3D FACIAL IMAGING SYSTEMS

*Scientific reports*

2020

### O Ekrami, P Claes, JD White, SM Weinberg, ML Marazita, S Walsh, ...

A MULTIVARIATE APPROACH TO DETERMINE THE DIMENSIONALITY OF HUMAN FACIAL ASYMMETRY

*Symmetry*

2020

### AA Zaidi, JD White, BC Mattern, CR Liebowitz, DA Puts, P Claes, ...

FACIAL MASCULINITY DOES NOT APPEAR TO BE A CONDITION-DEPENDENT MALE ORNAMENT AND DOES NOT REFLECT MHC HETEROZYGOSITY IN HUMANS

*Proceedings of the National Academy of Sciences*

2019

### JD White, A Ortega-Castrillón, H Matthews, AA Zaidi, O Ekrami, J Snyders, ...

MESHMONK: OPEN-SOURCE LARGE-SCALE INTENSIVE 3D PHENOTYPING

*Scientific reports*

2019

### D Sero, A Zaidi, J Li, JD White, TBG Zarzar, ML Marazita, SM Weinberg, ...

FACIAL RECOGNITION FROM DNA USING FACE-TO-DNA CLASSIFIERS

*Nature communications*

2019

### JD White, DA Puts

GENES INFLUENCE FACIAL ATTRACTIVENESS THROUGH INTRICATE BIOLOGICAL RELATIONSHIPS

*PLoS Genetics*

2019

### P Claes, J Roosenboom, JD White, T Swigut, D Sero, J Li, MK Lee, ...

GENOME-WIDE MAPPING OF GLOBAL-TO-LOCAL GENETIC EFFECTS ON HUMAN FACIAL SHAPE

*Nature genetics*

2018

### J Roosenboom, K Indencleef, MK Lee, H Hoskens, JD White, D Liu, ...

SNPs ASSOCIATED WITH TESTOSTERONE LEVELS INFLUENCE HUMAN FACIAL MORPHOLOGY

*Frontiers in genetics*

2018

**O Ekrami, P Claes, JD White, AA Zaidi, MD Shriver, S Van Dongen**

MEASURING ASYMMETRY FROM HIGH-DENSITY 3D SURFACE SCANS: AN APPLICATION TO HUMAN FACES

*PloS one*

2018

**K Indencleef, J Roosenboom, H Hoskens, JD White, MD Shriver, ...**

SIX NSCL/P LOCI SHOW ASSOCIATIONS WITH NORMAL-RANGE CRANIOFACIAL VARIATION

*Frontiers in genetics*

2018

**AA Kelso, SD Goodson, LE Watts, LAL Ledford, SM Waldvogel, JN Diehl, ...**

THE B-ISOFORM OF BCCIP PROMOTES ADP RELEASE FROM THE RAD51 PRESYNAPTIC FILAMENT AND ENHANCES HOMOLOGOUS  
DNA PAIRING

*Nucleic acids research*

2017