

Julie White

IRTA POSTDOCTORAL FELLOW

National Institute of Environmental Health Sciences

✉ julie.white@nih.gov | ☎ 0000-0002-2235-4817 | 📷 [juliedwhite](#) | 🌐 [julie-white-05888b133](#)

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

Penn State University

PH.D. IN ANTHROPOLOGY

State College, PA

2016-2019

Penn State University

M.A. IN ANTHROPOLOGY

State College, PA

2014-2016

Clemson University

B.S. IN GENETICS

Clemson, SC

2010-2014

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