Front Materials

Heather Neff
Eastern Michigan University, hneff@emich.edu

Follow this and additional works at: https://commons.emich.edu/mcnair

Recommended Citation
Neff, Heather (2020) "Front Materials," McNair Scholars Research Journal: Vol. 13 : Iss. 1 , Article 1. Available at: https://commons.emich.edu/mcnair/vol13/iss1/1

This Article is brought to you for free and open access by the McNair Scholars Program at DigitalCommons@EMU. It has been accepted for inclusion in McNair Scholars Research Journal by an authorized editor of DigitalCommons@EMU. For more information, please contact lib-ir@emich.edu.
EASTERN MICHIGAN UNIVERSITY BOARD OF REGENTS

James Webb, Chair
Eunice Jeffries, Vice Chair
Rich Baird
Dennis M. Beagen
Michelle Crumm
Michael Hawks
Alexander Simpson
Mary Treder Lang, CPA, CGMA

PROOFREADERS
Cassidy Creech
Alexa Druckmiller

TYPESETTING
Graphikitchen, LLC

EASTERN MICHIGAN UNIVERSITY MCNAIR SCHOLARS PROGRAM MISSION STATEMENT

The Eastern Michigan University McNair Scholars Program prepares high-achieving undergraduates from first-generation, low-income and traditionally underrepresented homes for success in pursuing doctoral studies. Through a rigorous program of research development, academic advising, personal mentoring and test preparation, the McNair Program assists its Scholars in achieving academic excellence and attaining their scholarly and professional goals.

CREED

McNair Scholars pursue higher education while persevering through personal and academic hardships. We push ourselves beyond the ordinary in our goal to succeed in doctoral studies. We are inspired to conduct research, understand cultural differences, appreciate the arts, and to learn about the world. McNair Scholars foster positive change on our campus, in our communities and in our professional lives.

McNair Scholars Program, 1011 Hoyt Hall, Eastern Michigan University, Ypsilanti, MI 48197
©2020 by the Eastern Michigan University McNair Scholars Program. All rights reserved.
CONTENTS

INTRODUCTION
Dr. Heather Neff, Ph.D., Director of the Eastern Michigan University McNair Scholars Program, Professor of English
Dr. Jasmine Lee, MSW, Ph.D., Director of Inclusive Excellence, University of Maryland, Baltimore Campus
Eastern Michigan University McNair Scholar, Class of 2009

ATHLETES’ SUBSTANCE ABUSE AND MENTAL HEALTH
Brandon T. Carreathers
Dr. Jeffrey Schulz, Mentor ................................................................. 1

WHERE WE GO 1 WE GO ALL: A PUBLIC DISCOURSE ANALYSIS OF QANON
Kylar J. Chandler
Dr. Nick Romerhausen, Mentor .......................................................... 15

EFFECT OF STRESS ON THE HEALTH OF AFRICAN AMERICAN WOMEN IN LOW-INCOME NEIGHBORHOODS
Jada C. Childs
Dr. Heather Janisse, Mentor ................................................................. 29

IMPLEMENTATION OF A MECHANICAL VIBRATION CONTROL SYSTEM AND ELECTRIC LOCKING CIRCUIT FOR ATOMIC SENSING RESEARCH
David T. DeLisle
Dr. Éric Paradis, Mentor ................................................................. 45

AN EXPERIMENTAL INVESTIGATION OF THE MATERIAL BEHAVIOR OF FDM PCTG SOCKETS
Avery Dumas IV
Dr. MacArthur Stewart, Mentor ................................................................. 61
A REVIEW OF LATE TWENTIETH-CENTURY FINDINGS ON ADOLESCENT DEVELOPMENT IN LOW-INCOME SINGLE-PARENT HOUSEHOLDS
Shannon K. Hawkins, Jr.
Dr. Celeste Hawkins, Mentor ................................................................. 75

IMPACTS OF VARIATION IN FOOD AVAILABILITY ON SPATIAL HABITAT USE IN BREEDING AND NON-BREEDING RED CROSSBILLS (LOXIA CURVIROSTRA)
Liam C. Pendleton
Dr. Jamie Cornelius and Dr. Kristin Judd, Mentors ......................................................... 85

#SAYHERNAME: PUTTING THE “I” IN INTERSECTIONALITY IN BLACK FEMALE SOCIAL MOVEMENTS
Gabrielle N. Reed
Dr. Nick Romerhausen, Mentor .............................................................................. 103

THE IMPACT OF SOCIAL STIGMAS ON SEXUAL HEALTH SEEKING BEHAVIOR: A REVIEW OF LITERATURE
Jason O. Talley
Dr. Jeffrey Schulz and Dr. Joan Cowdery, Mentors ......................................................... 123

ART THERAPY AS AN INTERVENTION AND ITS EFFECTS ON ANXIETY AND DEPRESSION
Macy E. Whitenburg
Dr. Brendan Fay, Mentor ...................................................................................... 143

LIST OF PUBLISHED ARTICLES, VOLUMES ONE – TWELVE
........................................................................................................................................ 159