**Keirra D. Wilkins, M.S.**

**Assistant Professor of Biology & Health Sciences Coordinator**

**Department of Biology, Norfolk State University**

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**Research Interests:** Human PCSK1 mutations, Isolation and Characterization of Bacteriophages, and Microbial Genetics

**Education:**

**M.S. in Cellular and Molecular Biomedical Science**. School of Medicine, Graduate Program in Life Sciences, University of Maryland, Baltimore. 2014-2016.

**B.S. in Biological Sciences**. Department of Biology, Old Dominion University. 2011-2014.

**Professional and Academic Appointments:**

**Assistant Professor of Biology**, Norfolk State University, Department of Biology, January 2023-present

**Health Sciences Coordinator**, Norfolk State University, Department of Biology, January 2023-present

**Adjunct Faculty,** Norfolk State University, Department of Biology, August 2018 – December 2022

**Adjunct Faculty,** Old Dominion University, Department of Biology, January 2019 – April 2023

**Adjunct Faculty**, South University, Department of Allied Health, July 2022 - January 2023

**Adjunct Faculty,** Bryant & Stratton Community College, School of Nursing, August 2018-December 2018

**Laboratory and Research Specialist I**, Old Dominion University, February 2017-August 2018

**Genotyping Specialist I**, University of Maryland, Baltimore, Department of Anatomy & Physiology, October 2015-December 2016

**Teaching Summary:** General Biology I & II, Bacteriology, Microbiology, and Cell Biology.

**Research Summary:**

**Research Mentor**, *The Isolation and Characterization of Bacteriophages*,College of Science, Engineering, and Technology- Summer Research Program, Norfolk State University. June 2024-present

**Graduate Research Assistant**, *PCSK1 Cell Biology*, Department of Anatomy & Physiology, University of Maryland, Baltimore. January 2016-August 2016.

**Undergraduate Student Researcher**, *Phage Discovery and* Genomics, HHMI Science Education Alliance-Phage Hunters Advancing Genomics and Evolutionary Science Program, Old Dominion University, August 2014-December 2014

**Professional and Academic Service**

**Advisor**, Minority Association of Pre-Medical Students, January 2023-present

**Faculty Coach**, Howard University College of Medicine, Center of Excellence, January 2023-present

**Member – Advisory Work Group**, American Dental Education Association, Historically Underrepresented Racial and Ethnic Minority-Serving Institutions Work Group, January 2023-present

**Training & Certifications:**

* Norfolk State University Online Course Design Institute
* The Association of College and University Educators Microcredential in Promoting Engaged and Active Online Learning
* The Association of College and University Educators Microcredential in Fostering Lifelong Learning Online
* Howard Hughes Medical Institute – Mobile Summer Institute on Scientific Teaching