OMB No. 0925-0001 and 0925-0002 (Rev. 03/2020 Approved Through 02/28/2023)

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.  
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: HIPP, ADAM JAY

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE: Data Analyst

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

| INSTITUTION AND LOCATION | DEGREE  (if applicable) | Completion Date  MM/YYYY | FIELD OF STUDY |
| --- | --- | --- | --- |
| Midlands Technical College | South Carolina | AS | 12/2013 | Nuclear Medicine Technology |
| University of North Carolina - Charlotte | N.C. | BS | 12/2019 | Computer Science |
| University of North Carolina - Charlotte | N.C. | MS | 12/2020 | Bioinformatics |

1. **Personal Statement**

I entered the healthcare field in 2013 as a Nuclear Medicine Technologist. My interest in health and wellness steered me to a company who specialized in cardiology studies. My role limited my abilities to make larger contributions to this space, so I enrolled at UNC-Charlotte to complete my B.S. in Computer Science with a concentration in bioinformatics. I wanted to broaden my scope of implementing bioinformatic tools to support public health, so I completed a Master’s of Science in Bioinformatics at UNC-Charlotte. My first opportunity to contribute to public health came last year when SARS-CoV-2 struck North Carolina. I joined a small research group to do campus surveillance on contact surfaces by collecting surface samples. Currently, I work as a Data Analyst in the Voruganti Lab at UNC - Chapel Hill. My role is to use statistical methods to extract biological significance from genetic and lifestyle data. I am excited for this opportunity to examine and uncover associations between genetics and nutrition and the researching the use of food as medicine to improve healthy lifestyles.

**Relevant Publications for this Proposal**

NA

**B. Positions and Honors**

**Positions and Employment**

2020-present Data Analyst, Department of Nutrition and UNC Nutrition Research Institute, The University of North Carolina - Chapel Hill, Kannapolis, North Carolina

2020-2020 Research Assistant, Bioinformatics and Genomics, The University of North Carolina - Charlotte, Charlotte, North Carolina

**Honors**

2017-2020 Graduated Summa Cum Laude with a B.Sc. in Computer Science from the University of North Carolina - Charlotte, Charlotte, NC

2020-2021 Recipient of the Lawrence E. Mays Fellowship in Bioinformatics

2018-2019 Hartford Technology Scholarship recipient for essay on Commodification of Personal Data

2012-2013 Second Place for Poster Presentation on Radiation Safety and Exposure at the Fall Meeting for Society of Nuclear Medicine

**Other Experience and Professional Memberships**

**NA**

**C. Contributions to Science**

* My first project was focused on determining the role of genetic variants underlying the changes in weight and related biomarkers in response to a weight loss program. I was involved in cleaning and imputing genetic data and conducting association analysis with targeted genetic variants.
* I worked as an analyst for a study focused on a small homogenous population analyzing obesity-related genetic variants. My role involved cleaning and imputing genetic data, followed by association analysis to determine causal variants. Secondary analysis conducted based on data collected by Mass BB, Mody FV, Mody KC, Panda C, Talevi V, Vidal IV, Voruganti VS.
* Poster presentation on *Phenotype Response Based on Dietary Restrictions and Genetic Variations.* Secondary analysis originating from *The effect of intermittent energy and carbohydrate restriction v. daily energy restriction on weight loss and metabolic disease markers in overweight women..*Harvie M, Hursting M, Voruganti VS.
* Environmental Surveillance of Sars-CoV-2 on Urban Surfaces on UNCC Campus. Brazell LR, Gibas C, **Hipp A**, Stetz S, Weller J.

**Complete List of Published work in My Bibliography**

**NA**

**D. Additional Information: Research Support and/or Scholastic Performance**

**D. Research Support**

NA