

**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: Penn-Marshall, Michelle, Paulette

eRA COMMONS USER NAME (credential, e.g., agency login): pennmarshall123

POSITION TITLE: Vice President for Research, Associate Provost and Dean of the Graduate College

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
Hampton University	B.A.	05/91	Biology
Hampton University	M.S.	05/93	Biology/Environment Science
Virginia Tech	Ph.D.	05/06	Community Nutrition

**A. Personal Statement**

Currently, I serve as the Vice President for Research, Associate Provost and the Dean of the Graduate College and a tenured professor. As the Vice President for Research, I work closely with the Chancellor and Provost to fully align research with the overall academic mission of the University. I play a leadership role in national and international activities and assist in guiding the University in defining and meeting the emerging research opportunities. Important goals of the research agenda include promotion of interdisciplinary and cross-disciplinary research; integration of research and education at both the graduate and undergraduate levels; business engagement and economic development; affirmation of the integrity of research processes and policies; coordination of activities that promote participation of a broad range of individuals in research, scholarly, or creative activity that strengthen the University's research enterprise; and oversight of research faculty policy and implementation. I report to the President and oversee Hampton University's Skin of Color Research Institute, Cancer Research Center, Institutional Research, Sponsored Programs, Grants Management, Religious Studies, and Graduate College.

I received the B.A. in Biology and M.S. in Biology with a concentration in Environmental Science from Hampton University and the Ph.D. in Community Nutrition from Virginia Polytechnic Institute and State University (Virginia Tech) in Blacksburg, Virginia. As a doctoral student, I was the recipient of fellowships through the Environmental Protection Agency to study water quality research and the Department of Human Nutrition, Foods and Exercise at Virginia Tech to study the effects of resistant starch on African Americans at Increased Risk for Type 2 Diabetes. My dissertation received a national award from the American Association of Higher Education Black Caucus. I also received funding from the Robert Wood Johnson Foundation to award scholarships to nursing majors who attend the accelerated program and have earned a bachelor's degree in another discipline.

Currently, I serve as the Project Coordinator of the Washington Baltimore Hampton Roads Louis Stokes Alliance for Minority Participation grant and the PD for the Minority Access to Research Careers (MARC) program. These projects are funded by the National Science Foundation and the National Institutes of Health, respectively. I have trained undergraduate and graduate students to conduct obesity prevention research in children from rural communities with the Assistant Dean in the School of Nursing and the national chair of the health and wellness committee of 100 Black Men of America. I have also been a member of the internal advisory board for the Nano-HU-HBCU-UP grant and served as a reviewer for the Journal of Health Disparities Research and Practice.

I have worked in higher education for more than ten years as a faculty member, researcher, administrator and academic advisor. During the three years I served as Chairperson of the Department of Biological Sciences at Hampton University, I recommended seven faculty members to be hired. Five of them had postdoctoral training. I set-up a Molecular Biology core laboratory in Research II building and provided department start-up

funds for the faculty. This was the first time a cluster hire and department start-up funds had been approved. I also designed the research lab space in the Biomedical Research II Building, when I was an administrator in the School of Nursing. I was a member of Cohort III of the National Science Foundation and the American Association of American Colleges and University, Preparing Critical Faculty for the Future and Co-PI of this project and currently serve as the National Vice President for the Eastern Region of Beta Kappa Chi Scientific Honor Society.

## **B. Positions and Honors**

### **Positions and Employment**

1992 – 1992	Graduate Research Assistant, Army Corps of Engineers, Hampton University, Hampton, VA
1993 – 1993	Graduate Student Intern, Merck, Sharpe & Dome Pharmaceutical Company, West Point, PA
1993 -- 1994	Environmental Protection Agency (EPA) Graduate Student Fellowship, Washington, D.C.
1995 – 1998	Instructor, Department of Biological Sciences, Hampton University, Hampton, VA
1998 – 2000	Senior, Graduate Teaching Assistant, College of Science, Virginia Tech, Blacksburg, VA Graduate Assistant, Virginia Tech, Blacksburg, VA
2003 - 2002	Graduate Teaching Assistant, College of Human Sciences & Education, Virginia Tech
2003 - 2003	Instructor, Department of Human Nutrition, Foods & Exercise, Virginia Tech, Blacksburg, VA
2003	Minority Academic Opportunity Programs Academic Scholarship, Virginia Tech, Blacksburg, VA
2003	Hepler Summer Research Fellow, Virginia Tech, Blacksburg, VA
2004 - 2004	Instructor, Department of Interdisciplinary Studies, Virginia Tech, Blacksburg, VA
2004 - 2005	Graduate Assistant, Center for Academic Enrichment & Excellence, Virginia Tech, Blacksburg, VA
2004	Graduate School Tuition Scholarship, Virginia Tech, Blacksburg, VA
2005	Dissertation Award, American Association of Higher Education Black Caucus, Atlanta, GA
2005 - 2007	Academic Advisor, University Academic Advising Center, Virginia Tech, Blacksburg, VA
2007 - 2011	Assistant Professor, Director, Student Academic Support Services, School of Nursing, Hampton University, Hampton, VA
2010 - 2011	Faculty Representative to the Board of Trustees, Hampton University
2010 - 2011	The Program for Retention and Enrichment of Successful Students (PRESS) Faculty Mentor of the Year, Hampton University, Hampton, VA
2011	Athletic Hall of Fame Inductee, Surry County High School, Surry, VA
2011	Chairperson, Department of Biological Sciences, Hampton University, Hampton, VA
2013 (May)	Tenured and Promoted to Associate Professor, Department of Biological Sciences, Hampton University, Hampton, VA
2015	Assistant Provost for Research and Grantsmanship, Hampton University, Hampton, VA
2015	Dean, Graduate College
2015 - 16	Faculty Representative to the Board of Trustees, Hampton University
2015	Friends of Surry County Public Schools, Outstanding Community Service Honoree
2016 (July)	Vice President for Research, Associate Provost, Dean of the Graduate College

### **Other Experience and Professional Members**

2011 –	US Department of Health & Human Services Health Resources Grant Reviewer
2012 –	The National Science Foundation and the American Association of American Colleges and Universities – Preparing Critical Faculty for the Future Cohort III
2013 –	Governor's Health Sciences Academy Advisory Board (Hampton, Newport News and York, VA)
2013 –	Association of American Colleges & Universities
2013 – 2014	Journal of Health and Health Disparities Manuscript Reviewer
2014 –	Society of STEM Women of Color
2016	National Vice President for Eastern Region, Beta Kappa Chi National Honor Society

## **C. Contributions to Science**

1. **Obesity and Type 2 Diabetes Prevention:** Began nutrition and exercise research in graduate school, and the recruitment and retention of underrepresented students during my first faculty appointment. I have served as the PI of small pilot grants to study the effects of nutrition, exercise, and education with rural elementary school-aged children and as the Co-PI of a National Library Medicine Environmental Health Information Partnership Outreach Award. My students and I have disseminated health information to the lay community on health promotion and prevention programs regarding behavior and lifestyle changes affecting the school-age population who experience health disparities. I conducted research with graduate nursing students and the 100 Black Men of America in California to implement their “Youth Movement Program” to rural Middle School Students in Surry County, Virginia.
  - a. Penn-Marshall, M.P., Holtzman, G.I., Barbeau, W.E. (2010). African Americans may have to consume more than 12 grams a day of resistant starch to lower their risk of type 2 diabetes. *Journal of Medicinal Food*, Aug; 13(4): 999-1004.
  - b. Hertlzer, A.A., Young, V.E., Baum, C.M., Lawson, M., and Penn-Marshall, M. (1999). Nutrition and Exercise Information for Children on the Internet. *Journal of Family & Consumer Sciences*, 91: 100-103.
2. **STEM research training of undergraduate students:**
  - a. Michelle Claville, Sainath Babu, Chutima Boonthum-Denecke, Edison Fowlks, Emorcia Hill, Calvin Lowe, Brandon Parker, Michelle Penn-Marshall, Roopchan Ramdon, Brandon Wallace, “NanoHU: A Boundary-Spanning Education Model for Maximizing Human and Intellectual Capital.” *Growing Diverse STEM Communities: Methodology, Impact, and Evidende*, edited by Leyte Winfield, Gloria Thomas, Linette Watkins, Zakiya S. Wilson-Kennedy, ACS Books 2019 *accepted for publication*.
  - b. Michelle O. Fletcher Claville, Sainath Babu, Brandon C. Parker, Emorcia V. Hill, Eric W. Claville, Michelle Penn-Marshall, NanoHU: A Successful Collaborative STEM Model Preparing African Americans for Engagement in Nanoscience, Laying the Foundation for Transformative, Institutional STEAM Engagement.” *Broadening Participation in STEM*, edited by Zakiya S. Wilson-Kennedy, Goldie S. Byrd, Eugene Kennedy and Henry T. Frierson. Emerald Publishing Limited. Bingley, U.K. 2019, pp. 107-128, (ISBN978-1-78756-908-9).

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

##### **Ongoing Research Support**

National Science Foundation

9/01/16 – 8/31/20

Title: Washington Baltimore Hampton Roads Alliance – Louise Stokes Alliance for Minority Participation (WHBR – LSAMP).

The overall goal of this project is to increase the number of undergraduate student researchers in STEM.

Role: Project Coordinator

**Title:** U-RISE at Hampton University

**Funding Agency:** NIH

**Grant ID:** 1T34GM136489-01

**PI:** Michelle Penn-Marshall, Luisel Ricks-Santi (Contact), Oluwatoyin Asojo

**Dates:** 4/1/2020-3/30/2025

**Summary:** Hampton University proposes the implementation of the U-RISE program which endeavors to: 1) increase the number of students interested in research careers; 2) improve STEM retention rates; 3) improve academic performance and achievement in training eligible departments; 4) increase the number of students from Hampton pursuing and matriculating in PhD or MD/PhD programs in biomedical sciences; and 5) implement effective mentoring and enhanced opportunities for pre-U-RISE and U-RISE Scholars through formal mentor training and engagement of U-RISE faculty in program activities.

##### **Completed Research Support**

**Funding Agency:** NIH-NIMHD

**Grant ID:** 1R13MD012764-01

**PI:** Penn-Marshall, M (PI)

**Dates of Award:** 9/17/2018-9/22/2019

**Title:** HAMPTON UNIVERSITY'S FIRST ANNUAL CARIBBEAN HEALTH CONFERENCE – ADDRESSING INEQUITIES ONE STEP AT A TIME

The goal of this conference is to address the large health inequities that exist within Caribbean populations residing in Caribbean Nations and U.S. territories. The Specific Aims of the conference are: Aim 1: Disseminate culturally specific evidence-based strategies that will maximize community outreach activities and promote health awareness among Caribbean nations, and Caribbean-American subpopulations; Aim 2: Connect key stakeholders from the Caribbean community with healthcare professionals, healthcare systems, and genomic scientists in the U.S. to accelerate collaborations and communications related to improving health and treatment outcomes of Caribbean nations and Caribbean- American subpopulations; Aim 3: Facilitate the development of genomic clinical studies, admixture mapping, and genotype-stratified trials that are more inclusive of Caribbean nations and Caribbean-American subpopulations

Department of Education: First in the World (FITW)

10/1/14-06/01/15

The overall goal of this project is to increase the access and the affordability of a university education on science, technology, engineering and mathematics (STEM) for underrepresented, underprepared, and/or low-income students by implementing innovative strategies and practices that can be effective in improving student enrollment and graduation rates.

Role: STEM Academic Advisor