

Michelle Penn-Marshall

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EDUCATION

Doctorate of Philosophy, Human Nutrition, Foods & Exercise, May 2006
Virginia Polytechnic Institute and State University, Blacksburg, Virginia
Dissertation: The Effects of Resistant Starch Intake on African-American Adults at Increased Risk for Type 2 Diabetes

Masters of Science, Biology (Environmental Science Emphasis), May 1993
Hampton University, Hampton, Virginia

Bachelor of Arts, Biology (Scientific Curriculum), May 1991
Hampton University, Hampton, Virginia

HIGHER EDUCATION EXPERIENCE

Virginia Polytechnic Institute and State University, Blacksburg, Virginia
Academic Advisor, University Studies
September 2005 – Present

Responsibilities and Accomplishments

- Developing a strengths based approach to advising
- Implementing a four-year academic plan for advisees
- Provide accurate academic requirement information for all degree-granting programs offered at Virginia Polytechnic Institute and State University to incoming students
- Assist students in scheduling appropriate academic courses based on intended major(s) and expressed interest
- Provide information related to career options in various disciplines

HIGHER EDUCATION EXPERIENCE

Virginia Polytechnic Institute and State University, Blacksburg, Virginia
Academic Advisor, University Studies
May 2005 – July 2005

Responsibilities and Accomplishments

- Provided accurate academic requirement information for all degree-granting programs offered at Virginia Polytechnic Institute and State University to incoming students
- Assisted students in scheduling appropriate academic courses based on intended major(s) and expressed interest
- Provided information related to career options in various disciplines

Virginia Polytechnic Institute and State University, Blacksburg, Virginia
Graduate Assistant, Center for Academic Enrichment and Excellence
August 2004 – May 2005

Responsibilities and Accomplishments

- Taught Educational Curriculum and Instruction 1004, *College Success Strategies*, 3-credit hour course
- Developed and presented academic skills seminars
- Conducted two, weekly study skills seminar

Virginia Polytechnic Institute and State University, Blacksburg, Virginia
Instructor, Department of Interdisciplinary Studies
January 2004 - May 2004

Responsibilities and Accomplishments

- Taught Interdisciplinary Studies Senior Research Seminar 4114, 3-credit hour course
- Taught senior level Interdisciplinary Studies students how to integrate assumptions, theories, and methods across disciplinary perspectives in order to complete senior proposals and present findings professionally
- Investigated case studies and ethnography
- Lead and facilitated critical class discussions
- Encouraged critical thinking, analyzing, critiquing skills
- Maintained course grades and assignments

HIGHER EDUCATION EXPERIENCE

Virginia Polytechnic Institute and State University, Blacksburg, Virginia
Instructor, Department of Human Nutrition, Foods, and Exercise
August 2003 - December 2003

Responsibilities and Accomplishments

- Taught Human Nutrition, Food, and Exercise Volleyball, 1-credit hour course
- Provided basic instruction to ensure proficient fundamental psychomotor and cognitive volleyball skills
- Graded assignments, communicated with students, and maintained accurate records related to the course

Virginia Polytechnic Institute and State University, Blacksburg, Virginia
**Graduate Teaching Assistant in the College of Human Sciences and Education
Dean's Office**
August 2002 - May 2003

Responsibilities and Accomplishments

- Provided overall assistance with Human Resources 4004 Professional Seminar, 1-credit hour on-line course
- Acted as liaison between Dean and students enrolled in the course in order to resolve conflicts
- Graded assignments, communicated with students, and maintained accurate records related to the course
- Maintained activities related to the course electronically and manually

Virginia Polytechnic Institute and State University, Blacksburg, Virginia
Graduate Research Assistant Department of Women's Studies
August 2002 - May 2003

Responsibilities and Accomplishments

- Conducted literature reviews for research articles, books, and publications on welfare reform, the plight of African-American women, and reparations
- Provided annotated bibliographies on welfare reform and reparations
- Edited journal articles before submission for publication
- Supervised undergraduate teaching assistant
- Graded assignment's for Introduction to Black Studies 1714, 3-credit hour course
- Created excel spreadsheet for course and maintained accurate records

HIGHER EDUCATION EXPERIENCE

Virginia Polytechnic Institute and State University, Blacksburg, Virginia
Graduate Research Assistant
June 2000 - July 2002

Responsibilities and Accomplishments

Researched the literature on Hypertension, Osteoporosis, and Colon Cancer in women
Reported literature findings on the risk factors for Hypertension, Osteoporosis, and Colon Cancer in women

Virginia Polytechnic Institute and State University, Blacksburg, Virginia
Senior Level Graduate Teaching Assistant, Department of Biology
August 1998 - May 2000

Responsibilities and Accomplishments

Taught Principles of Biology Lecture [1105 and 1106] for Biology majors, 3-credit hour courses
Designed instructional materials, examinations and lectures
Held outside tutorial sessions to ensure student's success
Introduced innovative teaching ideas to capture and maintain student interest

Hampton University, Hampton, Virginia
Instructor, Department of Biological Sciences
August 1995 - May 1998

Responsibilities and Accomplishments

Taught General Biology [103] Lecture for Biology Majors, 4-credit hour course
Taught Botany Laboratories [210] and General Biology [103] laboratories for Biology majors, 1-credit hour courses
Coordinated General Biology (Majors and Non-Majors) Departmental Courses
Served as Academic Advisor to more than 100 Biology majors
Attended School of Pure & Applied Sciences Departmental Chair's meetings with the Dean during the absence Biology Department Chair
Advised Department Chair on topics discussed and provided detailed reports
Established a permanent recruitment relationship with Merck Pharmaceutical Company, Incorporated and Hampton University's Biology undergraduate and graduate students

HIGHER EDUCATION EXPERIENCE

Hampton University, Hampton, Virginia
Instructor, Department of Biological Sciences
August 1995 – May 1998

Responsibilities and Accomplishments

Taught University 101, 3-credit hour university-wide mandatory course
(Volunteered)

Developed and presented historical information about Hampton University as well
as introduced college success skills and strategies

Evaluated student projects and presentations

Maintained course grades

Hampton University, Hampton, Virginia
Instructor, Department of Biological Sciences
August 1995 – May 1998

Responsibilities and Accomplishments

Faculty Developmental Advisor (FDA)

Volunteered to work with students on academic probation throughout Hampton
University to ensure their successful matriculation

Met with students on topics concerning time management, professor student
relationships, study skills, academic resources

Hampton University, Hampton, Virginia
Instructor, Department of Biological Sciences
Summer 1998

Responsibilities and Accomplishments

Introduced Kindergarten through Second Grade Newport News & Hampton City
Public School teachers laboratory experiment's that they could share with their
classes in order to prepare the children for the Virginia Standards of Learning
(SOL's) examinations

Implemented hands on scientific learning environments, including field trips

HIGHER EDUCATION EXPERIENCE

Hampton University, Hampton, Virginia
Instructor, Department of Biological Sciences, Hampton, Virginia
Summers 1996 – 1998

Responsibilities and Accomplishments

Taught Introductory Molecular Biology Laboratory, 3-credit hour course to incoming freshman honor students
Coordinated and accompanied students on field trips to National Institute of Health (NIH) Laboratories, Bethesda, Maryland
Academic Advisor to Howard Hughes Medical Institute & Alliance for Minority Participation in the Sciences (AMPS) Students

OTHER PROFESSIONAL EXPERIENCE

Merck & Co., West Point, Pennsylvania
Graduate Student Intern, Environmental Quality Control Department
January 1993 - June 1993

Responsibilities and Accomplishments

Monitored environmental control programs to insure the integrity and function of clean room and work stations in production and research areas within Merck Manufacturing Division
Assisted in developing programs and equipment specifications for monitoring laboratory and production areas for freedom from extraneous airborne and waterborne microbial contamination in compliance with Quality Control Standards (QCS's)
Created and issued reports of testing results of the programs

Army Corps of Engineers, Hampton, Virginia
Graduate Student Research Assistant
January 1992 - December 1992

Responsibilities and Accomplishments

Coordinated field sampling and performed measurements and analysis of water quality study
Conducted field test for biological oxygen demand (BOD), dissolved oxygen (DO), fecal coliform, chlorophyll, turbidity, salinity, temperature, total dissolved and suspended solid analysis of various metals and organics

OTHER PROFESSIONAL EXPERIENCE

Hampton University, Hampton, Virginia
Graduate Student Laboratory Instructor
Summers 1990 & 1991

Responsibilities and Accomplishments

Taught Introductory Molecular Biology laboratory techniques to entering Freshman Honor Biology majors

Taught DNA extraction, Gel Electrophoresis, Paper & Thin-Layer Chromatography and Microbiology techniques

Virginia Scientific Research Inc., Harrisonburg, Virginia
Research Associate

January 1989 - September 1989

Responsibilities and Accomplishments

Coordinated poultry research field and laboratory experiments from inception through subsequent interpretation and reporting of findings

Wrote Standard Operating Procedures (SOP's) for all laboratory procedures

Prepared and filed corporate taxes and weekly payroll for a staff of 20

Established positive relationships with present and new research clientele

RESEARCH INTERESTS

- Agriculture and Organic Foods
- Chronic Disease Prevention and Treatment
- Obesity Awareness in Children
- Impact of Functional Foods and Nutraceuticals on Health
- Impact of Academic Mentoring and Advising on Student Retention and Recruitment

TEACHING INTERESTS

- Community Nutrition
- Foods and Nutrition
- Maternal and Child Health
- Introductory General Biology
- Seminars in Health and Health Education Awareness
- Career Development and Guidance
- College Success Strategies and Study Skills

PUBLICATION

Hertzler AA, Young VE, Baum CM, Lawson M, Penn-Marshall M (1999). Nutrition and Exercise Information for Children on the Internet. **Journal of Family and Consumer Sciences**, 91:100-103.

SELECTED PRESENTATIONS, ABSTRACTS AND CONFERENCE PROCEEDINGS

Penn-Marshall, M. (2005) The American Association of Higher Education. The Effects of Resistant Starch Intake on African Americans at Increased Risk for Type 2 Diabetes. Atlanta, Georgia, March 2005.

Penn, M. (1992) The American Society of Oceanography and Limnology. The Effects of the Rocky Intertidal Zone on *Littorina Littoria*. Santa Fe, New Mexico

HONORS & AWARDS

Doctoral Student Award, American Association of Higher Education Black Caucus, Atlanta, Georgia, March 2005

Graduate School Tuition Scholarship, Virginia Tech, Blacksburg, Virginia, January 2004 - May 2004

Hepler Summer Research Fellowship Recipient Department of Human Nutrition, Foods & Exercise, Virginia Tech, Blacksburg, Virginia, May 2003 - August 2003

Minority Academic Opportunity Programs (MAOP) Academic Scholarship, Virginia Tech, Blacksburg, Virginia, August 1998 - May 2003

Biological Sciences Initiative Award for Development of Undergraduate Course, Virginia Tech, Blacksburg, Virginia, 1999-2000

Environmental Protection Agency (EPA) Graduate Student Fellowship, Hampton University, Hampton, Virginia, 1992 - 1993

Hampton University School of Pure & Applied Sciences Graduate Student Grant, Hampton, Virginia, 1991 - 1992

Academic Achievement Award, Hampton University, Hampton, Virginia, 1991

HONOR SOCIETIES

Beta Kappa Chi

Kappa Omicron Nu

Phi Upsilon Omicron

PROFESSIONAL AFFILIATIONS

American Diabetes Association
Society for Nutrition Education
Virginia Public Schools Parent Teacher Association (PTA)

∞ Silent Philanthropist

BOARDS AND COMMITTEES

- Graduate Student Honor Council, Virginia Tech, August 2001 – Present
- Kipps Elementary School Parent Teachers Association Board, Blacksburg, Virginia, August 1998 - Present
 - Kipps Elementary Basic School Planning Team, Blacksburg, Virginia, August 2001 - June 2002
 - Secretary of Hampton University's Judicial Committee, Hampton, Virginia, 1996-98:
 - Washington Baltimore Hampton Roads (WBHR) Alliance For Minority Participation in the Sciences (AMPS), Hampton, Virginia, 1995-98:
 - Biology Department Condolence Committee, Chair, Hampton, Virginia, 1995-98
 - Hampton University's Presidential Award Selection Committee, Hampton, Virginia, 1998

REFERENCES

Dr. William E. Barbeau, Associate Professor
Department of Human Nutrition, Foods & Exercise
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