

## Harriette Howard- Lee Block

P. O. Box 842477 Houston, Texas USA  
Work: (936) 261-3160 – FAX: (936) 261-3179  
E-mail: [hblock@pvmu.edu](mailto:hblock@pvmu.edu)

### EDUCATION

- 1978 – 1981 Atlanta University, Atlanta, Georgia  
Molecular Biology  
Degree: Ph.D.
- 1976 – 1978 Atlanta University, Atlanta, Georgia  
Molecular Biology  
Degree: M.S.
- 1972 – 1975 Fisk University, Nashville, Tennessee  
Biology  
Degree: B.A.

### PROFESSIONAL EXPERIENCE

**Department Head of Biology** (2006 – Present)  
Prairie View A & M University, Prairie View, Texas

**Interim Department Head of Biology** (2005 – 2006)  
Prairie View A & M University, Prairie View, Texas

**Associate Professor of Biology** (1990 – 2005)  
Prairie View A & M University, Prairie View, Texas

**Associate Professor of Biology** (1988 – 1990)  
Fayetteville State University, Fayetteville, North Carolina

**Assistant Professor of Biology** (1981 – 1988)  
Fayetteville State University, Fayetteville, North Carolina

**Instructor** (1978 – 1981)  
Spelman College, Atlanta, Georgia

### ACCOMPLISHMENTS

- ❖ Developing the “Center for Microbial and Cardiovascular Studies”.
- ❖ Five year articulation agreement, beginning fall 2008, between The University of Texas Medical Branch at Galveston School of Allied Health Sciences Department of Physical Therapy and PVAMU Department of Biology to reserve class spaces for biology majors to matriculate in Physical Therapy School.
- ❖ Non-thesis Master’s Degree in Biology was approved and began in the fall of 2008.
- ❖ Master’s Degree Program in Biology with thesis was reactivated in the fall of 2006.
- ❖ Collaborated with Dr. Jamboor K. Vishwanatha to develop the HBCU Summer Research Training Program between the University of North Texas Health Science Center and the Department of Biology at Prairie View A&M University beginning summer of 2005.
- ❖ Initiated a spring lecture series with the Baylor College of Medicine Faculty. Medical faculty members lectured to Molecular Biology 3083 on the campus of Prairie View A&M University. A

total of four lectures occurred during the month of April 2000. The lectures were given by Dr. David Rowley, Dr. Frank Kretzer and Dr. Nancy Weigel.

- ❖ Organized a two-week Biotechnology Workshop for secondary teachers to train high school science teachers in biotechnology research and teach them innovative ways to incorporate biotechnology research in high school science classes. Summer of 1993-1995.
- ❖ Implemented an after school science enrichment program for high school students interested in research and medicine-Fayetteville State University, 1986.
- ❖ Conducted a "Recombinant DNA Workshop" for high school teachers in June of 1987. The workshop was sponsored by the Biotechnology Center in the North Carolina Research Triangle.
- ❖ Consultant for the National Science Foundation's Women in Science Program, Washington, D.C. in May of 1983

### PROFESSIONAL ACTIVITIES

- ❖ Mentor for University of Missouri-Columbia-Undergraduate Summer Research Program-Dr. Linda Blockus Director. 1998-Present
- ❖ Attended the Association of Environmental Health Academic Programs meeting in Portland, Oregon-October 2005
- ❖ Attended the Pre-Health Advisors Meeting at Case Western Reserve University School of Medicine in Cleveland, Ohio-January 2006
- ❖ Attended the SACS-COC Institute On Quality Enhancement and Accreditation in Orlando, FL-July 2006
- ❖ Attended the Quality Education for Minorities workshop in Atlanta, GA-August 2006
- ❖ Attended the NAVY Medicine Medical Educator Information Seminar in Bethesda, MD-August 2006
- ❖ Course Embedded Assessment Workshop-September 2006
- ❖ Attended the Howard Hughes Medical Institute's HBCU Planning Workshop in Chevy Chase, Maryland-April 2007
- ❖ Attended the Innovative Minds in Prostate Cancer Today (IMPACT) meeting in Atlanta, GA – September 2007
- ❖ Traveled to Washington, DC to serve as a proposal reviewer for the Environmental Protection Agency STAR/GRO Research Program-February 2008
- ❖ Traveled with three students to present their research at the 18<sup>th</sup> Annual Science and Engineering Alliance Student Technical Conference in Gaithersburg, MD – October 2008
- ❖ Traveled with four students to present their research at the Annual Biomedical Research Conference for Minority Students for the past 8 years (2000-2008).

### HONORS and AWARDS

- ❖ Awarded a Minority Access Research Program Scholarship for the Federal of American Societies for Experimental Biology for attendance of one faculty member and two students to attend the Federation Constituent Societies Meeting in Anaheim, California.

- ❖ Received the 1994 New Achiever Award for Prairie View A & M University on August 19, 1994.
- ❖ Awarded travel grant from FASEB (Federation of American Society on Experimental Biology) for one faculty member and two students to attend the American Society of Cell Biology Meeting in Washington, D.C., December 1997.
- ❖ Travel Grant Award from FASEB (Federation of American Society on Experimental Biology) for one faculty member and two students to attend the American Society of Molecular Biology and Biochemistry in San Francisco, California, May 16-19, 1999.

## RESEARCH / CURRICULUM ENHANCEMENT SUPPORT

- ❖ Curriculum Development Award – Department of Education- Title III- Enhancement of Undergraduate Biology Programs. (Oct. 2007- Oct. 2011) Award-\$300,000 Program Coordinator- Harriette Block
- ❖ Research Support – National Institutes of Health - #S06RR08206-04-Genome Organization of the Ruffed Grouse, *Bonasa umbellus*, and Related Species. \$180,000 for 4 years, 1982-1986 Principal Investigator- Harriette E. P. Howard.
- ❖ Research Support – Laboratory for Radiation Studies (Joint project with Biology, Chemistry and Engineering) Funded by NASA in 1994 for 4 years-Biology Award \$250,000 Principal Investigator –Harriette Howard-Lee.
- ❖ Research Support – Prairie View A&M University Mini Grant Research Program – Eukaryotic DNA Promoter Site Recognition Using Random Forest-Award \$2,500 - Principal Investigator- Nelson Butuk and Co-Principal Investigator – Harriette Howard-Lee Block
- ❖ Enhancement of the Graduate Biology Laboratories- Funded by Title III- Amount of funding Fall 2007- Summer 2008 - \$161,562
- ❖ Addition of new course entitled ‘Synthetic Biology’ will begin in the fall of 2009.
- ❖ Awarded \$488,000 to develop the “Center for Microbial and Cardiovascular Studies” at PVAMU. The ‘Center ‘will be functional by fall 2009.

## PUBLICATIONS

- ❖ Howard, H.E.P., and K. Edwards, III. Biophysical properties of DNA in the bobwhite quail (*Colinus virginianus*). The American Society of Cell Biology Meeting in San Antonio, Texas, November 4-8, 1978.
- ❖ Howard, H.E.P., and K. Edwards, III. Biophysical properties in the New Zealand white rabbit. The Seventh Minority Biomedical Support Symposium in Atlanta, Georgia, April 15-18, 1979.
- ❖ Howard, H.E.P., and K. Edwards, III. Restriction endonuclease studies and association kinetics of the genome of the bobwhite quail (*Colinus virginianus*). The Eleventh Annual Biomedical Support Symposium in Washington, D.C., 1983.
- ❖ Howard, H.E.P., K. Campbell and L. Driver. Isolation and characterization of the repetitive DNA in the pheasant. The twelfth Annual Minority Biomedical Support Symposium in Miami, Florida, April 1985.

- ❖ Howard, H.E.P., E. Johnson, Jr. and L. Driver. Genome organization of the British Range Quail. The Fourteenth Annual Minority Biomedical Support Symposium in New Orleans, Louisiana, April 1986.

**PROFESSIONAL AFFILIATIONS**

- ❖ Sigma Xi
- ❖ Beta Beta Beta Biological Honor Society
- ❖ Beta Kappa Chi Scientific National Honor Society
- ❖ Texas Association of Advisors To The Health Professions
- ❖ Biophysical Society