

DESIRÉE C. BYGRAVE

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EDUCATION

08/08-present

Howard University
Department of Psychology
Doctoral Student in Neuropsychology
GPA:3.85/4.0

Washington, DC

08/04- 05/08

Voorhees College
Bachelor of Science in Biology
summa cum laude

Denmark, SC

RESEARCH EXPERIENCE

06/10-present

Howard University
Department of Psychology
Health Promotion and Risk Reduction Research Center (HealthPARC)
Research Assistant

Washington, DC

Participate in collaborative research designed to understand the role that psychological, social, spiritual, and biological factors play in the development, prevention, and treatment of cardiovascular disease in minority populations.

Principal Investigators: Denée T. Mwendwa, Ph.D., Joneis Thomas, Ph.D., & Regina C. Sims, Ph.D.,

06/09-08/09

Howard University
Department of Psychiatry and Behavioral Sciences
Research Assistant

Washington, DC

Contacted potential subjects for participation in the “Genetics of Recurrent Early Onset Depression” (GenRED) research study funded by National Institutes of Mental Health (NIMH). Study site focused on studying the genetics of depression of African Americans suffering from recurring episodes of Major Depressive Disorder (MDD). Organized and analyzed technical data of experimental results. Maintained and entered diagnostic interviews into database management system. Presented weekly reports.

Principal Investigator: William Lawson, M.D., Ph.D.

Supervisors: Eva Nwulia, M.D. & Oreisa O’Neil, M.PH.

09/06-05/08

**Clemson-Voorhees Project EXPORT
Research Assistant and Team Leader**

Denmark, SC

Project explored physical activity and health of college students. Special interests were in obesity and cardiovascular disease prevention as well as physical activity promotion. Collected data and aided in community intervention programs designed to help decrease rates of health disparities.

Principal Investigator: Karen A. Kemper, Ph.D.

06/07-08/07

**Drexel University College of Medicine
Department of Pharmacology & Physiology
Minority Summer Research Training Program (MSTRP)
Summer Intern**

Philadelphia, PA

Participated in receptor binding experiments. Investigated 'The Effect of Chronic Administration of a 5-HT_{2C} Drug Antagonist on 5-HT_{2C} Receptor Density in Rabbit Frontal Cortex.'

Principal Investigator: John A. Harvey, Ph.D.

Mentor: Vincent J. Aloyo, Ph.D.

TEACHING EXPERIENCE

08/08- present

**Howard University
General Biology Teaching Assistant**

Washington, DC

Supervised course laboratory experiments each week. Trained students on proper laboratory techniques and laboratory safety. Helped to enhance understanding on principles and concepts. Formulated, administered and graded laboratory quizzes and practicum examinations. Advised students on summer internship applications.

Supervisor: William R. Gordon, Ph.D.

01/05-05/06

**Voorhees College
Academic Success Center
Science Tutor**

Denmark, SC

Tutored a range of science subjects to students within the school community as well as the town community.

ACADEMIC CONFERENCES

06/14/10- 06/18/10

**Howard-Dartmouth Summer School and Mood Conference
Howard University Department of Psychiatry and Behavioral Sciences
Graduate Student Participant**

Washington, DC

Collaborative efforts aimed to understand disparities in mental health care and its factors, trends, and how it may affect recovery and rehabilitation among African Americans. Assessment of strategies to help mitigate disparities was also of interest.

09/05 – 05/06

The University of the South
Connecting Learning Communities Writing Symposium
Student Scholar/Researcher

Sewanee, TN

Researched and presented a historically scholastic literary analysis entitled 'The Relevance of Karl Marx's Theory of Religion to Southern Slavery during the Eighteenth and Nineteenth Centuries.'

Supervisors: Lugenia Rochelle, Ph.D., & Leland Barrows, Ph.D.

PROFESSIONAL TRAINING

10/26/09-10/27/09

Howard University
Responsible Conduct of Research (RCR) Workshop

Washington, DC

05/09

Howard University
HIPAA Privacy and Security Training

Washington, DC

01/07

The National Institutes of Health (NIH)
Faculty-Student Partnership Traineeship in Biotechnology
Student Scholar

Bethesda, MD

Prepared and performed experiments related to Recombinant DNA Methodology and special topics in Biotechnology.

AFFILIATIONS

2008-present

American Psychological Association (APA) Graduate Student Affiliate

2007-present

Alpha Kappa Mu National Honors Society Member

HONORS AND AWARDS

08/08-05/10

Howard University Teaching Assistantship

08/04-05/08

Voorhees College Presidential Scholar

04/05-04/08

Voorhees College Award for Outstanding Academic Achievement in Biology

2007

Who's Who Among Students in American Universities & Colleges

ACTIVITIES

08/07-05/08

Alpha Kappa Mu National Honors' Society, Mu Epsilon Chapter, Vice President

08/07-05/08

Voorhees College Sisters in Science, Big Sister/Mentor

08/06-05/07
Voorhees Honors' College, President

08/06-05/07
Voorhees College Judicial Board Member

08/06-05/07
Voorhees College International Student's Association, Vice President

08/04-05/06
Voorhees Honors' College, Secretary

07/05-05/06
Freshman Year Experience Program (FYEP), Orientation Leader and Mentor

08/04-05/05
International Student's Association, Assistant Treasurer