

**Larry Keen II, Ph.D.**  
Assistant Professor of Health Psychology  
Department of Psychology  
Virginia State University  
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[www.PNIRD.com](http://www.PNIRD.com)

**EDUCATION:**

Postdoctoral Fellowship	2012-2014	<b>University of Florida</b> Department of Clinical and Health Psychology
Ph.D.	2009-2011	<b>Howard University</b> Major: Neuropsychology Minor: Personality
M.S.	2005-2009	<b>Howard University</b> Major: Neuropsychology Minor: Personality
B.A.	2001-2005	<b>North Carolina Agricultural and Technical State University</b> B.A. Psychology

**Grants:**

**Funded Extramural Grants**

**Title: Research Supplement to Promote Diversity in Health-Related Research**

Effective Dates: 05/01/2019 – 04/30/2021

Source: National Center for Advancing Translational Sciences

Principal Investigator: Frederick Gerard Moeller

**Title: The Effects of Racial Discrimination and Social Support as Determinants of HIV Health Outcomes and the potential mediating effect of Executive Function in HIV+ Heterosexual Black Men.**

Effective Dates: 11/01/2013 - 10/31/2015

Source: HIV Investigation Science Training Program (National Institute on Mental Health)

Principal Investigator: Larry Keen II

**Title: Minority Postdoctoral Fellowship Supplemental Application (R01 DA029894)**

Effective Dates: 7/01/2012 - 6/30/2014

Source: National Institute on Drug Abuse

Principal Investigator: William W. Latimer

**Funded Intramural Grants**

**Title: Effect of Cannabis on Brain Connectivity Associated with maternal Attachment: A Pilot Study in Postpartum Women**

Effective Dates: 06/01/2020 – 05/30/2022

Source: Virginia Commonwealth University Wright Center for Clinical and Translational Research: Pilot Imaging Fund

Co-Principal Investigator: Larry Keen II

**Title: Using SMS as a Means to Enhance the Effectiveness of Sugar Sweetened Beverage Interventions for Urban African American Children**

Effective Dates: 11/20/2017 - 11/20/2018

Source: Center for Agricultural Research Engagement & Outreach (Virginia State University)

Co-Principal Investigator: Larry Keen II

**Awards and Honors:**

2015 – 2017 Program to Increase Diversity Among Individuals Engaged in Cardiovascular Health-Related (PRIDE) Scholar  
*State University of New York Downtown Medical Center/National Heart Lung Blood Institute*

2013 – 2016 HIV Intervention Science Training Program Scholar  
*Columbia University/National Institute on Mental Health*

2013 Travel Award to Attend American Psychological Association Annual Convention  
*National Institute of Drug Abuse*  
\$1000

**RELATED EXPERIENCE:**

2014 – Present **Virginia State University, Department of Psychology**  
**Associate Professor and Director of the PNIRD Lab**

- Mentoring undergraduate and graduate students in data analyses, manuscript preparation, conference presentations, and grantsmanship.
- Conducting the IRB approved study, “Parasympathetic And Neurocognitive influences on Drug Abuse (PANDA)”.
- Completed the IRB approved study, “*Substance Use Patterns and Disorder Evaluation Study*” (N= 209) in undergraduate students.
- Conducting the IRB approved study, “*The Neuropsych Study*” (N=216) in undergraduate students.
- In the data analysis phase of the IRB approved study, “*The Checkpoint Survey Study*” (N=1708) in undergraduate students.
- Co-Investigator on the IRB approved study “Math Anxiety and Cognitive Improvement in African American College Students”
- Grant preparation and submission

2015 – 2018 **Institute for Drugs and Alcohol Studies, Virginia Commonwealth University**  
**Affiliate Investigator**

- Co-Investigator on the IRB approved study “Interactive Effects of Chronic Opiates and HIV on Human Brain and Behavior”
- Exploring the intersection between marijuana, cocaine, and opiate use, neurocognitive function and cytokine levels in a community based sample of HIV positive adults.

2012 – 2014

**University of Florida, Department of Clinical & Health Psychology**  
***Postdoctoral Fellowship***

- Manuscript Preparation
- Grant Writing Experience
- Design and analyses of first and co-authored manuscripts
- Qualitative and quantitative study design
- IRB proposal preparation and submissions
- Principal investigator for a pilot study examining neuropsychological and psychosocial determinants of cytokine function and HIV-related outcomes in HIV positive heterosexual Black men.
- Principal investigator for a pilot study of HIV positive heterosexual Black men examining neuropsychological and psychosocial determinants of highly active antiretroviral therapy adherence.
- Presentation of research projects at professional conferences/meetings

2011 – 2013

**Study of Cognitive Aging**  
***Research Consultant***

- Data cleaning and analyses utilizing SPSS software
- Mentoring research assistants
- Preparing analyses for conference presentations and publications

2009 – 2011

**Heart Rate Variability, Executive Function and Attention**  
***Dissertation Project***

- “Tonic Measurements of Heart Rate Variability, Attention and Executive Function”
- Principal investigator
- Designed protocol for the project
- IRB proposal preparation and submission
- Administration of questionnaires and neurocognitive tasks
- Attachment of ambulatory monitoring system to participants
- Data entry, cleaning, and analysis utilizing SPSS and the CMetX program
- Training and mentoring of research assistants
- CITI certification

2009

**AARP**  
***Marketing analyst***

- Performed data analysis for annual report on customer satisfaction
- Utilized SPSS software and excel for data analysis

2009

**Howard University**  
***Master’s Thesis***

- “The Relationship between Lipids and Verbal Memory”
- Project conceptualization and design
- Data entry, cleaning, analysis, and interpretation

2008 – 2009

**R.I.S.E. (Research Initiatives for Student Enhancement) Program through Johns Hopkins University**

***Extern/Research Assistant***

- HIPPA certification (2008-09, 2010-11)
- Analyzed data in Fragile X Syndrome and Down Syndrome patients
- Performed data analysis utilizing StatView software
- Voxel-Based Morphometry analysis using SPM2 and SPM5 software
- Mapped coordinates utilizing Talairach Client (S.A.)
- Conversion of MRI scans using Blocks Software
- Dataset(s) cleaning and management

2005 – 2011

**Minority Organ Tissue Transplant Education Program (MOTTEP) Stress and Psychoneuroimmunological Factors in Renal Health and Disease Study**

***Research Assistant***

- Collect neurocognitive data through administration of a neuropsychological battery; oversee completion of self-report measures and physiological measurements
- Assist in recruitment of an urban community sample
- Enter/clean overall study data (encompassing 2000+ variables)
- Experience in working with CMetx Program to derive Heart Rate Variability Metrics
- Experience working with Heart Analysis Program
- Data analysis for various presentations (class room and professional)
- Organize and facilitate research meetings
- Train test administrators
- Involved in grant application and evaluation
- CITI course certification (Fall 2006-10)

2005

**North Carolina Agricultural and Technical State University**

***Undergraduate research assistant***

- Project involved creation of word list memory task (similar to the CVLT). Collected subsequent qualitative as well as quantitative data
- Performed group interviews and qualitative data analysis with regard to cardiovascular health.
- Analyzed of data collected using SPSS

**Publications:**

Ravindra, K., Del Buono, M. G., Chiabrando, J. G., Westman, P., Bressi, E., Kadariya, D., ... **Keen II, L.**, & Abbate, A. (2021). Clinical features and outcomes between African American and Caucasian patients with Takotsubo Syndrome. *Minerva Cardioangiologica*, 11.

**Keen, L.**, \*George, L., \*Williams, G., \*Blanden, G., & \*Ramirez, M. (2020). Assessing the validity of the Self-Report Webexec Questionnaire: Self-report vs performance neurocognitive inferences. *Applied Neuropsychology: Adult*, 1-9.

**Keen II, L.**, Abbate, A., Clark, V., Moeller, F.G., & Tan, A. Differences in Heart Rate

Among Recent Marijuana Use Groups. *Minerva Cardioangiologica* 2020 - in press.

**Keen II, L.**, Arias, A., Abbate, A., & Moeller, F.G. (2020). Heart Rate Variability as a Link Between Brain-Elicited Substance Cues and Substance Use Severity. *Biological Psychiatry: CNI* 2020 - in press.

**Keen II, L.**, Tan, A., & Abbate, A. (2020). Inverse Associations Between Parasympathetic Activity and Cognitive Flexibility in African Americans: Preliminary Findings. *International Psychophysiology*.

**Keen II, L.**, Ma, L., & Abbate, A. Epidemiology of Cannabis Use Disorder: Neural Substrates & Treatment. 2020 – in press. Oxford Press. [Book Chapter]

**Keen II, L.**, Harris, T., Blanden, G.\*, & George, L.\*, Williams, G.\* (2019). The Self-Compassion Scale's Validity in a HBCU Undergraduate Sample. *Virginia Social Science Journal*, 53, 72-81.

Callender, C.O., Mwendwa, D.T., Gholson, G., Wright, R.S., **Keen, L.**, Adesibikan, B., Madhere, S., Apprey, V., Bonney, G., Michael, M., Magnus-Lawson, B., Ivy, G., Idris-Suleiman, L., Hernandez, A., Herren, O., & Campbell, A.L. (2019). BMI, waist size, GFR: In African American Blacks. *Journal of Obesity and Weight-loss Medication*.

Blanden, G.\*, Butts, C.\*, Reid, M., & **Keen, L.** (2018). Self-Reported Lifetime Violence Exposure and Self-Compassion Associated With Satisfaction of Life in Historically Black College and University Students. *Journal of Interpersonal Violence*, 0886260518791596.

**Keen II, L.**, Abbate, A., Blanden, G.\*, Priddie, C.\*, Rathore, M. Biologically Confirmed Marijuana Use and HIV-Related Immunity in Heterosexual Black People Living with HIV. **In Press: Drug and Alcohol Dependence**.

**Keen II, L.**, Turner, A., Pereira, D., Callender, C., Campbell, A. The Psychoneuroimmunological Influences of Marijuana Use: Past and Future Directions. *New Trends and Advanced Methods in Interdisciplinary Mathematical Sciences, STEAM-H: Science In Press*.

Sceidell, J., Lejuez, C., Golin, C., Adimora, A., Wohl, D., **Keen II, L.**, Hamond, M., Judon-Monk, S., Khan, M. (2017). Patterns of Mood and Personality Factors and Associations with STI-HIV-Related Drug and Sex Risk among African American Inmates: Heightened Vulnerability of Men with Antisocial Personality. *Substance Use & Misuse*, 1-10.

**Keen II, L.**, \*Blanden, G. \*Rehmani, N. Lifetime Marijuana Use and Sexually Transmitted Infection Prevalence in a Sample of Black College Students. (2016). *Addictive Behaviors*.

**Keen II, L.**, Turner, A. D. (2015). Differential effects of self-reported lifetime marijuana use on interleukin-1 alpha and tumor necrosis factor in African American adults. *Journal of behavioral medicine*, 1-8.

**Keen II, L.**, Turner, A. D., Mwendwa, D., Callender, C., & Campbell Jr, A. (2015). Depressive Symptomatology and Respiratory Sinus Arrhythmia in a Non-Clinical Sample of Middle-Aged African Americans. *Biological psychology*.

Scheidell, J. D., Clifford, L. M., Dunne, E. M., **Keen II, L. D.**, & Latimer, W. W. (2015). Gender Differences in Planning Ability and Hepatitis C Virus among People who Inject Drugs. *Addictive Behaviors*.

**Keen II, L.**, Ennis Whitehead, N., Clifford, L. Rose, J., Latimer, W. (2014). Perceived Barriers to Treatment in a Community-Based Sample of African American Men and Women. *Journal of Psychoactive Drugs*.

**Keen II, L.**, Turner, A. (2014). The Influence of Interleukin-6 on Neurocognition as a Function of Lifetime Marijuana Use in a Community Based Sample of African Americans: *Journal of International Neuropsychology*.

**Keen II, L.**, Pereira, D., Latimer, W. (2014). Self-Reported Lifetime Marijuana Use and Interleukin-6 Levels in Middle-Aged African Americans. *Drug and Alcohol Dependence*.

**Keen II, L.**, Khan, M., Clifford, L., Harrell, P., Latimer, W. (2014). Differences in Prevalence of HIV and HCV between Blacks and Whites Based on Patterns of Injection and Non-Injection Drug Use in Baltimore City. *Journal of Addictive Behaviors*.

**Keen II, L.**, Dyer, T., Ennis Whitehead, N., Rose, J. and Latimer, W. (2014). Binge Drinking and Stimulant Use Associated with HIV Status in Heterosexual African American Men. *Journal of Addictive Behaviors*.

Whitehead Ennis, N., Trenez, R., **Keen II, L.**, Rose, J., Latimer, W. (2013) Younger versus Older African Americans: Patterns and Prevalence of Illicit Drug Use. *Journal of Aging and Health*.

Mwendwa, D., Sims, R., Madhere, S., Thomas, J., **Keen II, L.**, Callender, C., & Campbell Jr., A. (2012) The Influence of Coping with Perceived Racism and Stress on Lipid Levels in African Americans. *Journal of the National Medical Association*

\*Student Author(s)

## PRESENTATIONS

“Cardiovascular Health Disparities among African Americans” Research presented at the South Eastern Psychological Association (SEPA) Conference, Memphis, Tennessee, 2005.

“The Relationship between Body Mass Index and Executive Functioning.” Research presented at the Howard University 1<sup>st</sup> Annual Hicks Symposium, Washington, DC 2006

“Indices of Lipid Metabolism and Blood Pressure as Predictors of CVLT Performance in a Community Based Cohort of African Americans.” Research presented at the Black Graduate Student Conference, Washington, DC 2007.

“Lipid Predictors of CVLT Performance in a Community-Based Cohort of African Americans.” Research presented at the Howard University Graduate School Annual Research and Honors Conference, Washington, DC 2007.

“Demographic, Psychosocial, Medical and Physiological Correlates of Body Mass Index.” Research presented at the NIH Conference, Washington, DC 2007.

“Metabolic Risk Factors and Verbal Learning and Memory.” Research presented at the Howard University Graduate School Annual Research Symposium and Honors Day, Washington, DC 2008.

“Cardiovascular Risk Factors and Memory.” Research presented at the National Black Graduate Conference in Psychology, Ann Arbor, Michigan, 2008.

“Simple and Unique Effects of Age and Heart Rate Variability on Psychomotor Speed.” Research presented at the Psychosomatic Medicine Society Annual Conference, Chicago, IL 2009.

“Structural Neuroimaging Correlates of Autism and Social Anxiety in Boys with Fragile X Syndrome.” Research presented at the NFFX International Fragile X Conference. Detroit, MI, 2010.

“Spectral Heart Rate Variability and C-Reactive Protein in a Community-Based Sample of African Americans” Research presented at the Cleveland Clinic Heart-Brain Summit Annual Conference, Las Vegas, NV 2010.

“Cardiac Autonomic Regulation and Depressive Symptomatology in a Healthy College Sample” Research presented at the American Psychosomatic Society annual conference, San Antonio, TX 2011.

“Autonomic Space and Executive Function in a College Sample” Research presented at the Society for Psychophysiological Research annual conference, Boston, MA 2011

“Depressive Symptomatology and Heart Rate Variability in Non-Clinical Middle-Aged African Americans” Research Presented at the American Psychosomatic Society annual conference, Miami, FL 2013.

“Differences in prevalence of HIV and HCV between Blacks and Whites based on patterns of Injection and non-injection drug users in Baltimore City” Research Presented at the College on Problems of Drug Dependence annual conference, San Diego CA 2013.

“Differences Between Readiness to Change Item Endorsement Groups: The 13th Floor of Change” Research Presented at the American Psychological Association’s annual conference, Honolulu, HI 2013.

“Influence of Interleukin-6 on Neurocognitive Performance in A Community-Based Sample of African Americans” Research Presented at the International Neuropsychological Society annual conference, Seattle, WA 2014.

“The Influence of Interleukin-6 on Neurocognition as a Function of Lifetime Marijuana Use” Research Presented at the College on Problems

in Drug Dependence annual conference, San Juan, PR 2015

“Psychoneuroimmunological Influences of Marijuana Use” Research Presented at the Science Technology Engineering Agriculture Mathematics and Health (STEAM-H) Seminar Series at Virginia State University, Petersburg, VA 2016

## **TEACHING**

2014-Present

### **Virginia State University**

*Associate Professor of Health Psychology in the Department of Psychology*

- Taught undergraduate Physiological Psychology, Experimental Psychology, Drugs and Behavior courses
- Taught graduate Health Promotion and Behavioral Science, Research Methods in Clinical and Health Psychology and Clinical Psychopharmacology courses
- Created and Implemented graduate student workshop series “Manuscript Central” (10 sessions)

2015 - 2016

### **University of Richmond Alliance Summer Program**

*MCAT Prep Course Professor*

- Taught MCAT prep course to undergraduate students selected to take part in the Nebraska-Virginia Alliance

2013-2014

### **Santa Fe College**

*Adjunct Faculty in the Department of Social Sciences*

- Taught General Psychology and Developmental Psychology
- Design syllabus, structure course, prepare and implement course lecture, exams and assignments

2013

### **University of Florida**

*Guest Lecturer*

- Title: “Health-Risk Behaviors and Community Health”
- Course: Behavioral Medicine; Department of Clinical and Health Psychology

2012

### **South Carolina State University**

*Assistant Professor of Psychology*

- Taught Introduction to Psychology (Non-Major); Developmental Psychology (Child); Theories in Personality
- Design syllabus, structure course, prepare and implement course lecture, exams and assignments

2010

### **ACT College (Manassas Campus)**

*Part Time Faculty Member*

- Taught General Psychology
- Prepare and implement course lecture, exams and assignments
- Teach five (5) week “modules”

2009

### **George Washington University**

*Guest Lecturer*

- Title: “Etiology and Neuropsychology of Intrauterine Drug Exposure”



- Course: Public Health; School of Public Health

2009-2011

**Northern Virginia Community College (Annadale & Alexandria Campus)**

*Adjunct Faculty Member*

- Taught Introduction to Psychology (I&II); Human Development (I&II); Health Psychology; Research Methods
- Design syllabus, structure course, prepare and implement course lecture, exams and assignments
- Taught both eight week sessions and normal 16 week sessions throughout the semester

**Master's Theses**

Ramirez Ruiz, Mara (Spring 2019). Determining Differences in Neurocognitive Performance Between Student Service Members and Civilian Students

George, Lauren (Fall 2016). The Association Between Depressive Symptoms and Neurocognitive Performance as a Function of Being First Generation in HBCU Students

Blanden, Gwenna (Summer 2016). The Effects of Family Cohesiveness, Peer Relationships, and Cognitive Dysfunction on Delinquency

**Dissertations**

Blanden, Gwenna (Spring 2019). The Influence of Interpersonal Trauma as a Function of Cognitive Functioning and Attribution Style on Delinquent Behaviors in Undergraduate College Students

**Professional Service**

Elected Chair of VSU Institutional Review Board  
Invited reviewer for Journal of Addictive Behaviors  
Invited reviewer for Journal of Addiction Research and Therapy  
Invited reviewer for Journal of Drug and Alcohol Dependence  
Invited reviewer for the Journal of Stress and Health.

**Professional Associations**

American Public Health Association (2008-09)  
American Psychosomatic Society (2008-09; 2011)  
Society for Psychophysiological Research (2011-2012)  
National Postdoctoral Association (2012-2014)