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**BIOGRAPHICAL SKETCH**  
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NAME: Bullock, Kim Dawn Alina

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

POSITION TITLE: Clinical Associate Professor of Psychiatry,

Director of Stanford's Virtual Reality & Immersive Technology Clinic and Laboratory

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 <i>(if applicable)</i>	Completion Date MM/YYYY	FIELD OF STUDY
University of California, San Diego- Revelle	B.A., B.A.	05/1989	Animal Physiology, Psychology
George Washington University, Washington, DC	M.D.	05/94	Medicine
Washington Hospital Center, Washington, DC	Internship	06/95	Internal Medicine
Stanford University, Stanford, CA	Residency	08/02	Psychiatry

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**A. Personal Statement**

I have the expertise and training, to successfully carry out the proposed research project role. I received my undergraduate degree with honors and distinction in physiology and psychology from the University of California, San Diego, Revelle College and medical degree from George Washington University. I completed an internship in internal medicine at Washington Hospital in D.C. and then psychiatry residency at Stanford University. I am an associate professor and have been clinical faculty in the Stanford University School of Medicine for over 15 years. I have been extensively trained in the specialty of Neuropsychiatry and am a diplomate of the American Board of Psychiatry and Neurology as well as the United Council of Neurological Subspecialties, Neuropsychiatry and Behavioral Neurology. I have published in many peer-reviewed articles and am a Cambridge and Oxford textbook author. I have intensive clinical training and teaching experience with multiple clinical modalities including virtual reality augmented psychotherapy, cognitive behavior therapy (CBT), dialectical behavior therapy (DBT), mindfulness, yoga, and lifestyle medicine. I have engaged in and been primary investigator on multiple neurobehavioral clinical trials and innovative interventions including a fully funded randomized controlled trial of Virtual Reality delivered mirror therapy for psychosomatic illness. I founded and direct the Virtual Reality and Immersive Technology (VRIT) laboratory and Stanford's multidisciplinary Virtual Reality Consortium dedicated to VR applications for mental illness and behavior change. I am conference course director for Stanford's Innovations in psychiatry focusing on immersive technology. I am a national and international speaker and presenter on the topic of VR in psychiatry. This study is in alignment with my documented long-term commitment to improving and innovating psychiatric care. I have historical success at completing clinical research studies and collaborating with others. The fundamental components of the proposed study are in direct alignment with the themes that have guided my clinical and psychotherapeutic research trajectory.

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**B. Positions and Honors**

## **Positions and Employment**

1989-1990	Neuroimaging Research Assistant, University of California, San Diego, La Jolla, CA
1994-1995	Medical Intern, Washington Hospital Center, Washington, DC
1998-2002	Psychiatry Resident, Stanford University Medical School, Stanford, CA
2002-2004	Clinical Instructor, Department of Psychiatry, Stanford University, Stanford, CA
2004-2009	Clinical Assistant Professor, Department of Psychiatry, Stanford University, Stanford, CA
2009-	Clinical Associate Professor, Department of Psychiatry, Stanford University, Stanford, CA
2011-	Director of Neurobehavioral Outpatient Clinic, Stanford University, Stanford, CA
2015-20018	School of Medicine Senate, Senator
2016-	Director of Stanford Virtual Reality Consortium
2016-	Director of Virtual Reality & Immersive Technology (VRIT) Program
2016-	Member, Stanford Behavioral-Telehealth Technology Committee
2018-	Co-Director of Stanford Mental Health Technology and Innovation Hub

## **Other Experience and Professional Memberships**

2004-	Member, Association for Behavioral and Cognitive Therapies
2006-	Diplomat, American Board of Psychiatry and Neurology
2010-	Ad Hoc Reviewer: Epilepsy and Behavior, Academic Psychiatry
2011-12	Member, American Epilepsy Society
2011-	Member, American Neuropsychiatric Association
2012-	Diplomat, Behavioral Neurology & Neuropsychiatry, United Council for Neurologic Subspecialties
2017-	Diplomate of the American Board of Lifestyle Medicine

## **Honors**

1989	Departmental Honors in Psychology with Distinction, University of California, San Diego, CA
1989	Chancellor's Leadership Award, University of California, San Diego, La Jolla, CA
1990	William Beaumont Society Research Award, George Washington University, Washington, DC
1994	Donald Glew Award for Student Research, George Washington University, Washington, DC

## **C. Contribution to Science**

1. My early epidemiological study and publication on mortality in alcohol use disorder shed light on the resiliency that can be obtained with the establishment of abstinence. This study was the first study documenting the normal life span for those achieving long term sobriety. I later helped document the common ethical dilemmas that face clinicians caring for those with addictions which was subsequently used as a chapter in a textbook.
  - a. Bullock, K.D., Reed R.J., Grant, I. (1993). Reduced mortality risk in alcoholics who achieve long-term abstinence. *JAMA*, 267(5), 668-672.
  - b. Roberts, L.W., Bullock, K.D. (2011). Ethics Commentary: Ethical considerations in caring for people living with addictions. *Focus*, 9:66-9.
  - c. Roberts, L.W., Bullock, K.D. (2013). Ethical Considerations in Caring for People Living with Addiction in *Applied Ethics in Mental Health Care, An Interdisciplinary Reader*. Cambridge, MA: MIT Press.
2. Substance use disorders closely resemble other behavioral problems such as obsessive compulsive disorder and compulsive shopping. I contributed to the investigation of pharmacological interventions for these disorders as documented in these studies.
  - a. Koran, L.M., Bullock, K.D., Hartson, H.J., Elliott, M.A., D'Andrea, V. (2002). Citalopram treatment of compulsive shopping: an open-label trial. *Journal of Clinical Psychiatry*. 63(8), 704-708.
  - b. Koran, L.M., Chuong, H.W., Bullock, K.D., Smith, S.C. (2003). Citalopram for compulsive shopping disorder: an open-label study followed by double-blind discontinuation. *Journal of Clinical Psychiatry*. 64(7), 793-798.
  - c. Koran, L.M., Aboujaoude, E., Bullock, K.D., Franz, B., Gamel, N., Elliott, M. (2005). Double-blind treatment with oral morphine in treatment-resistant obsessive-compulsive disorder. *Journal of Clinical Psychiatry*. 66(3),353-359.

3. I have also often contributed to science by reviewing the literature in the field and summarizing the state of knowledge on various subjects as evidenced by the various review articles and textbooks below.
  - a. Bullock, K.D., Koran, L.M. (2003). Psychopharmacology of compulsive buying. *Drugs of Today*. 39(9), 695-700.
  - b. Barry, J.J., Lembke, A., Bullock, K.D. (2004). Current status of the utilization of anti-epileptic treatments in mood, anxiety and aggression: drugs and devices. *Clinical EEG and Neuroscience*, 35(6), 4-13.
  - c. Bullock, K.D. (2010). Group Psychotherapy Treatment for Psychogenic Nonepileptic Seizures, in Gates and Rowan's Non-Epileptic Seizures. London: Cambridge University Press.
  - d. Bullock K. (2017): Group Psychotherapy Treatment for Psychogenic Nonepileptic Seizures in Gates and Rowan's Non-Epileptic Seizures, Fourth Edition by Steven C. Schachter and W. Curt LaFrance Jr., London: Cambridge University Press
  - e. Bullock K., Barry J (2017).: Psychiatric Factors in Psychogenic Nonepileptic Seizures: Towards the Integration of Care, First Edition by in Barbara Dworetzky and Gaston Baslet: Oxford University Press
  
4. I have directed development and study of innovative care for patients. I led and documented the first reported studies of several interventions such as group psychodynamic therapy and dialectical behavior skills training for FND.
  - a. Wittenberg, D., Michaels, J.B., Ford, C., Bullock, K.D., Barry, J.J. (2004). Group psychotherapy for patients with non-epileptic seizures: Clinical observations. *Epilepsia*, 45(Suppl. 7), 57-58.
  - b. Barry, J.J., Wittenberg, D., Bullock, K.D., Michaels, J.B., Classen, C.C., Fisher, R.S. (2008). Group therapy for patients with psychogenic non-epileptic seizures: a pilot study. *Epilepsy Behavior*, 13(4), 624-629.
  - c. Bullock, K.D., Mirza, N., Forte, C., Trockel, M. (2015). Group Dialectical Behavior Therapy Skills Training for Conversion Disorder with Seizures. *Journal of Neuropsychiatry and Clinical Neurosciences*, 27(3), 240-243.

**Complete List of Published Work in MyBibliography:**

<https://www.ncbi.nlm.nih.gov/myncbi/browse/collection/51299765/?sort=date&direction=ascending>

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

**Ongoing Research Support**

<p>1189192-305-DHCMV          A Randomized Cotrolled Trial of Virtual Reality Therapy for Functional Neurologic Disorder          The goal of this study is to compare the effects and changes in symptom frequency of Mirror Visual Feedback delivered via a virtual reality platform to a placebo in a passive nonembodied virtual reality experience.          Role: PI</p>	<p>Bullock (PI)</p>	<p>01/01/18-12/31/18</p>
<p>National Eating Disorders Association (NEDA)          Virtual Reality Intervention Adaptation To A Real-World Clinic Setting in this year's Feeding Hope Fund for Clinical Research Innovative Treatment Category.          Role: Consultant</p>	<p>Runfola (PI)</p>	<p>01/01/18-12/31/19</p>
<p>1R01MH105461-01A1          NIMH          NMDAR Modulation As A Therapeutic Target and Probe of Neural Dysfunction in OCD          Overall goals: To determine how NMDA receptor modulation modifies the underlying pathology of OCD to relieve repetitive thoughts and behaviors.          Role: Independent Evaluator</p>	<p>Rodriguez (PI)</p>	<p>09/25/15-06/30/20</p>

**Completed Research Support**

<p>1189192-104-DHCMV Psychiatry Small Grants Prog</p>	<p>Bullock (PI)</p>	<p>01/01/16-12/31/17</p>
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Virtual Reality Therapy for Functional Neurologic Disorder

The goal of this study was to develop a Mirror Visual Feedback protocol delivered via a virtual reality platform nonembodied virtual reality experience and test the safety and feasibility of this intervention in patients with psychosomatic motor and sensory symptoms.

Role: PI

Research Incentive Fund Award, Stanford University

Barry (PI)

9/01/02-9/01/04

The goal of this study was to evaluate the efficacy of group psychotherapy for improving outcomes in patients with non-epileptic seizures.

Role: Co-Investigator

IPA-SXBQF

Yesavage (PI)

02/2012-04/2015

This study examined the dissemination efficacy of the national VA training program roll out of evidenced based psychotherapies for veterans thru the Department of Veterans Affairs, Office of Mental Health. The specific component of the study included was "Cognitive Behavior Therapy for Depression Dissemination Project"

Role: Content Expert, Trainer

