

MARIAM AYESHA HUSSAIN

Contact Information

HIV Neurobehavioral Research Center (HNRC) | 220 Dickinson St # B, Room 306 | San Diego, CA 92103
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Education

2016–Present Ph.D. [in progress] | Joint Doctoral Program in Clinical Psychology
San Diego State University (SDSU) / University of California, San Diego (UC San Diego)
2010–2014 B.S. in Psychology & Neuroscience | The Ohio State University (OSU)
Magna Cum Laude w/Honors Research Distinction in the Major of Psychology

Research and Work Experience

2016–Present Predoctoral Fellow | HIV Neurobehavioral Research Program, UC San Diego
PI: Jennifer E. Iudicello, Ph.D., Robert K. Heaton, Ph.D.
2014–2016 Research Psychometrist | Defense and Veterans Brain Injury Center (DVBIC)
PI: Jason M. Bailie, Ph.D.
2012–2014 Senior Honors Thesis Candidate, Lab Manager | OSU Clinical Neuroscience Laboratory
PI: Ruchika S. Prakash, Ph.D.
2011–2013 Pelotonia Cancer Research Fellow | Stress & Health Lab, OSU Wexner Medical Center
PI: Janice K. Kiecolt-Glaser, Ph.D.
2009–2011 Research Intern/Fellow | Disease Prevention Lab & Mellen Center | Cleveland Clinic
PI: Francois Bethoux, M.D., Stanley L. Hazen, Ph.D., M.D.

Fellowships, Scholarships, and Grants

Fall 2016 \$555 SDSU Graduate Student Travel Fund
2016–Present T32 NRSA Training in Research on Addictions in Interdisciplinary NeuroAIDS (TRAIN)
Spring 2014 \$800 OSU Department of Psychology Conference Travel Scholarship
2013–2014 \$6,000 OSU College of Arts & Sciences Undergraduate Research Scholarship
2013–2014 \$1,000 OSU Social and Behavioral Sciences Undergraduate Research Grant
2013–2014 \$1,600 OSU Research Academic Enrichment Grant
Summer 2013 \$3,500 OSU Undergraduate Summer Research Fellowship
2012–2013 \$12,000 OSU Pelotonia Undergraduate Cancer Research Fellowship
2009–2011 \$9,000 Cleveland Clinic Science Summer Internship/Research Fellowship

Honors and Awards

August 2017 Division 40–Clinical Neuropsychology Blue Ribbon Award at 2017 APA Convention
Spring 2014 Dean’s List, *Magna Cum Laude*, *Honors Research Distinction* in the Major of Psychology
Spring 2014 2nd Place (\$75) – OSU Department of Neuroscience Undergraduate Research Colloquium
Winter 2013 1st Place (\$75) – OSU Department of Psychology Undergraduate Research Colloquium
Spring 2013 3rd Place (\$150) in Psychology – OSU Denman Undergraduate Research Forum
2014–Present Phi Beta Kappa
2013–Present Mortar Board Senior Class Honor Society
2012–Present Nu Rho Psi National Honor Society in Neuroscience
2011–Present Psi Chi International Honor Society in Psychology

Teaching Experience

Spring 2014 Peer Expert Statistics Tutor | Department of Psychology, OSU
Fall 2013 Course Assistant | Psychology 1100, OSU

Service and Leadership

Spring 2017	Judge 63rd Annual Greater San Diego Science and Engineering Fair
2012–2014	Peer Research Contact Undergraduate Research Office
2012–2014	Buckeye Leadership Fellow BLF Leadership Program
2012–2014	Peer Mentor Office of Diversity and Inclusion
2012–2013	Speaker Selection/Preparation Chair TED ^x OhioStateUniversity
Autumn 2012	Founding Committee Member OSU Chapter, Nu Rho Psi National Honor Society

Professional Membership

2017–Present	American Psychological Association of Graduate Students (APAGS)
2017–Present	Division 40, Clinical Neuropsychology
2017–Present	Society for a Science of Clinical Psychology (SSCP)

Selected Publications

- Prakash, R. S., **Hussain, M. A.**, & Schirda, B. (2015). The role of emotion regulation and cognitive control in the association between mindfulness disposition and stress. *Psychology and aging, 30*(1), 160. doi:10.1037/a0038544.
- Bethoux, F., Boulis, N., McClelland, S., Willis, M. A., **Hussain, M.**, Machado, A., Mychkovsky, L., Stough, D., Sutliff, & Piro, E. P., (2013). Use of intrathecal baclofen for treatment of severe spasticity in selected patients with motor neuron disease. *Neurorehabilitation and Neural Repair, 27*(9), 828-833. doi:[10.1177/1545968313496325](https://doi.org/10.1177/1545968313496325).

National Presentations

- Hussain, M. A.**, Iudicello, J. E., Morgan, E. E., Villalobos, J., Watson, C. W., Minassian, A., Heaton, R. K., Grant, I. (August, 2017). *Age-Related Differences on The Virtual Reality Functional Capacity Assessment Tool (VRFCAT) in HIV Infected (HIV+) and/or Methamphetamine Dependent (METH+) Adults*. Oral presentation to be presented at the 125th annual American Psychology Association (APA) conference, Washington D.C. (*Division 40-Clinical Neuropsychology Blue Ribbon Award)
- Watson, C. W-M., Marquine, M. J., Moore, R. C., Heaton, A., Perez-Tejada, A., Umlauf, A., Morgan, E. M., **Hussain, M. A.**, Cherner, M., Ellis, R., Grant, I., Heaton, R. K. (August, 2017). *Racial/Ethnic Differences in Neurocognitive Performance among HIV-infected adults*. Paper to be presented at the 125th annual American Psychological Association (APA) conference, Washington, D.C.
- Hussain, M. A.**, Iudicello, J. E., Morgan E. E., Kamat, R., Heaton, R. K., Grant, I. (June, 2017). *Apathy Significantly Predicts Abstinence Self-Efficacy (ASE) in Methamphetamine Users*. Poster to be presented at the 15th annual American Academy of Clinical Neuropsychology (AACN)
- Hussain, M. A.**, Bailie, J. M., Jolly, M. J., Powell, B. E., Sargent, P. D., Duckworth, J. L. (October, 2016). *The Impact of Traumatic Brain Injury and Heavy Weapons Blast Exposure on Neuropsychological Functioning in the Military*. Poster presented at the 36th annual National Academy of Neuropsychology (NAN) conference, Seattle, WA.
- Jolly, M. J., Bailie, J. M., **Hussain, M. A.**, Sargent, P. D., Duckworth, J. L. (August, 2016). *The Impact of Lifetime Traumatic Brain Injury and Lifetime Blast Exposure History on Reported Neurobehavioral Symptoms of Service Members*. Poster presented at the annual Military Health System Research Symposium (MHSRS), Kissimmee, FL.
- Hussain, M. A.**, Bailie, J. M., Ivins, B., Cole, W. R., Boyd, C., Schwab, K. (November, 2015). *Effect of Multiple Mild Traumatic Brain Injuries on the Experience and Expression of Anger in Military Personnel*. Poster presented at the 35th annual National Academy of Neuropsychology (NAN) conference, Austin, TX.

- Bailie, J. M., **Hussain, M. A.** (September, 2015). *Anger Expression in the Military: Impact of Traumatic Brain Injury and Military Specific Demographic Factors*. Oral presentation during September 2015 Defense and Veterans Brain Injury Center National Research Call.
- Hussain, M. A.**, Prakash, R. S. (April, 2014). *Mindfulness and Stress in the Elderly: Identifying Potential Mediating Factors*. Poster presented at the annual Cognitive Aging Conference (CAC), School of Psychology, Georgia Institute of Technology, Atlanta, GA.
- Hussain, M. A.**, Jaremka, L. M., Bennett, J. M., Fagundes, C. P., Malarkey, W. B., Emery, C. F., Kiecolt-Glaser, J. K. (March, 2014). *Syndromal Depression, Intrusive Thoughts, and Heart Rate Variability among Cancer Survivors*. Poster presented at the 72nd annual American Psychosomatic Society (APS) meeting, San Francisco, CA.
- Fink, C., **Hussain, M.**, Caine, K., Ely, R., Griffin, M., Ives, J., Craighead, T., Kirtz, T., Miller, D.M., Perryman, J., Bethoux, F., (May, 2012). *Effects of a fall prevention initiative on falls during outpatient visits in a MS center*. Poster presented at 26th annual The Consortium of Multiple Sclerosis Centers (CMSC) Meeting, San Diego, CA.

Local and Regional Presentations

- Hussain, M. A.**, Bailie, J. M., Ivins, B., Cole, W. R., Boyd, C., Schwab, K. (April, 2015). *Effect of Multiple Mild Traumatic Brain Injury on the Experience and Expression of Anger in Military Personnel*. Poster presented at the Naval Hospital Camp Pendleton Research Day, Camp Pendleton, CA.
- Hussain, M. A.**, Prakash, R. S. (March, 2014). *Mindfulness and Stress in the Elderly: Identifying Potential Mediating Factors*. Poster presented at the 19th annual Denman Undergraduate Student Research Forum, The Ohio State University, Columbus, OH.
- Hussain, M. A.**, Prakash, R. S. (March, 2014). *Mindfulness and Stress in the Elderly: Identifying Potential Mediating Factors*. Poster presented at the Department of Neuroscience Undergraduate Research Colloquium, The Ohio State University, Columbus, OH. (*2nd place.)
- Hussain, M. A.**, Prakash, R. S. (December, 2013). *Mindfulness and Stress in the Elderly: Identifying Potential Mediating Factors*. Poster presented at the 17th annual Department of Psychology Undergraduate Research Colloquium, The Ohio State University, Columbus, OH. (*1st place.)
- Hussain, M. A.**, Prakash, R. S. (September, 2013), *Mindfulness Disposition: A Moderating Factor Between Stress and Working Memory in The Elderly*. Poster presented at the 7th annual Fall Undergraduate Student Poster Forum, The Ohio State University, Columbus, OH.
- Hussain, M.A.**, Kiecolt-Glaser, J.K., Jaremka, L.M., Fagundes, C.P., (May, 2013). *An investigation into the link between heart rate variability and intrusive thoughts: Implications for breast cancer survivors*. Poster presented at the 25th annual Midwestern Psychological Association conference, Chicago, IL.
- Hussain, M.A.**, Kiecolt-Glaser, J.K., Jaremka, L.M., Fagundes, C.P., (May, 2013). *An investigation into the link between heart rate variability and intrusive thoughts: Implications for breast cancer survivors*. Poster presented at the 18th annual Denman Undergraduate Student Research Forum, The Ohio State University, Columbus, OH. (*3rd place in Psychology.)
- Hussain, M.A.**, Kiecolt-Glaser, J.K., Jaremka, L.M., Fagundes, C.P., (September, 2012). *An investigation into the link between heart rate variability and intrusive thoughts: Implications for breast cancer survivors*. Poster presented at the 6th annual Fall Undergraduate Student Poster Forum, The Ohio State University, Columbus, OH.
- Hussain, M.**, Bethoux, F., Stough, D., Sutliff, M., (August, 2010). *Use of Intrathecal Baclofen for Treatment of Spasticity In Amyotrophic Lateral Sclerosis*. Poster presented at The 2010 Cleveland Clinic Science Internship Research Day, Cleveland, OH.
- Hussain, M.**, Zamanian-Daryoush, M., DiDonato, J., Hazen, S. L., (August, 2009). *HDL Down Regulates the Expression of Pro-Inflammatory Chemokine, Monocyte Chemo-attractant Protein 1 (MCP-1) in Mouse Bone Marrow-Derived Macrophages*. Poster presented at The 2009 Cleveland Clinic Science Internship Research Day, Cleveland, OH.

Skills

Microsoft: Word, Excel, PowerPoint (proficient in all)

Statistical software: SPSS (proficient), JMP (limited)

Behavioral testing: Animals, Boston Naming Test, Brief Visuospatial Memory Test-Revised, California Verbal Learning Test-II, Continuous Performance Task, FAS, Flanker (computerized), Finger Tapping Test, Grooved Pegboard, Hopkins Verbal Learning Test-Revised, Mini Mental Status Exam, N-Back (computerized), National Adult Reading Test, Rey-Osterrieth Complex Figure Test, Stroop (manual & computerized), Test of Memory Malingering, Trails A & B Test, Victoria Symptom Validity Test, Wechsler Adult Intelligence Scale-IV, Wechsler Abbreviated Scale of Intelligence, Wechsler Memory Scale-IV, Wechsler Test of Adult Reading, Wisconsin Card Sorting Test (manual & computerized)

Data Management: Access (proficient), Cardiff Teleform Software (proficient), Remark Office OMR Software Basics (limited)

Biobehavioral Technology: Polar Heart Rate Monitor Watch & Software (proficient), Kubios HRV Software (proficient), ActiGraph Accelerometer Software (limited)

fMRI: FSL (limited), Linux (limited)