

Danna V. Ramirez

E-mail: dvr004@shsu.edu
Cell: 346-777-5325

Country of Origin: Colombia
Fluent in Spanish

EDUCATION

- 2020** **Baylor University, Waco, TX**
Bachelor of Science, Neuroscience and Forensic Science
- 2017** **Houston Community College, Houston, TX**
Associate of Science, Biology

PUBLICATIONS

Peer-reviewed

- Ramirez, D.**, Rufino, K. A., Rech, M. E., Poa, E., & Patriquin, M. A. (2021). Increased symptom severity in adults and adolescents admitting to an inpatient psychiatric hospital during the COVID-19 pandemic. *Psychiatry Research*, 316. <https://doi.org/10.1016/j.psychres.2022.114758>
- Gosnell, S. N., Meyer, M. J., Jennings, C., **Ramirez, D.**, Schmidt, J., Oldham, J., & Salas, R. (2020). Hippocampal volume in psychiatric diagnoses: Should psychiatry biomarker research account for comorbidities? *Chronic Stress*, 4. doi: [10.1177/2470547020906799](https://doi.org/10.1177/2470547020906799)

In-Preparation

- Poblete, G. F., Jack, M., Srinivasan, N., Heredia, V., Bolin, P., **Ramirez, D.**, Oldham, J., Patriquin, M. A., & Salas, R. Epigenetics of borderline personality disorder: Possible involvement of the pallidum. In preparation.

Non-refereed

- Ramirez, D.**, Myerson, J., & Hart, J. (2022, April 15). Are you really OCD: A look at what OCD truly is and how to better classify related behaviors. *Psychology Today*. <https://www.psychologytoday.com/us/blog/mind-matters-menninger/202204/are-you-really-ocd>
- Marcus, L., Johnson, C., & **Ramirez, D.** (2021, May 21). The complex link between homelessness and mental health. *Psychology Today*. <https://www.psychologytoday.com/us/blog/mind-matters-menninger/202105/the-complex-link-between-homelessness-and-mental-health>
- Ramirez, D.** & Shepard C. (2021, March 12). When your empty nest fills up again. *Psychology Today*. <https://www.psychologytoday.com/us/blog/mind-matters-menninger/202103/when-your-empty-nest-fills-up-again>
- Ramirez, D.** & Shepard C. (2021, February 5). COVID-19 and the Class of 2020. *Psychology Today*. <https://www.psychologytoday.com/us/blog/mind-matters-menninger/202102/covid-19-and-the-class-2020>
- Ramirez, D.**, Westheimer, J., Rufino, K.A., Boland, R., & Patriquin, M.A. (2021). Guide to The Menninger Clinic outcomes, version 4. Houston, TX: The Menninger Clinic, Research Department.
- Rech, M., **Ramirez, D.**, Johnson, C., Blanchard, A.W., Patriquin, M. (2020, November 7). Autism Spectrum Disorder: Uncovering a hidden internal world. *Psychology Today*. <https://www.psychologytoday.com/us/blog/mind-matters-menninger/202011/autism-spectrum-disorder-uncovering-hidden-internal-world>

PRESENTATIONS

Ramirez, D., Tran, T., Rufino, K.A., & Patriquin M.A. (2021). Inpatients with narcissistic and avoidant personality traits: Examining the interactions between personality pathology, depression, and anxiety. Submitted poster to the Anxiety and Depression Association of America Annual Conference, Denver, CO.

Tran, T., **Ramirez, D.**, Rufino, K.A., & Patriquin M.A. (2021). Chronic feelings of emptiness increase emotional awareness problems and depression and anxiety levels in adult psychiatric inpatients. Submitted poster to the Anxiety and Depression Association of America Annual Conference, Denver, CO.

Ramirez, D., Rufino, K. A., & Patriquin, M. A. (2021). Inpatients with depression: Examining the impact of comorbid psychosis on sleep disturbance and nightmare severity. Poster presented at the American Psychiatric Association Annual Conference, Los Angeles, CA.

Rawat, M., Mount, L., Mishra, A., **Ramirez, D.**, Choudhury, H., Jackson, J., Diamond, P., Nesbitt, B., Malavanti, K., & Weaver, C. (2018). Expert testimony allows jurors to differentiate between biased and fair lineups. Abstract presented at the Undergraduate Research and Scholarly Achievement Scholars Week at Baylor University, Waco, TX.

RESEARCH EXPERIENCE

Research Assistant

The Menninger Clinic

Department of Research

Director: Michelle A. Patriquin, PhD, ABPP

2021-2022

Responsibilities:

- Administer structured clinical interviews for adult patients (ages 20-60 years old) admitted inpatient using the *Structured Clinical Interview for DSM-5 Disorders Research Version (SCID-5-RV)*. Share SCID diagnoses and findings with the patient's inpatient, interdisciplinary treatment team during the diagnostic formulation meeting.
- Administer evidence-based outcomes assessments to psychiatric inpatients at admission, weekly throughout their stay, and at discharge.
- Collaborate with psychiatrists, psychologists, and social workers to ensure that adjustments to treatment meet the patients' needs reflected on the evidence-based outcomes reports.
- Consent patients for follow-up outcomes prior to discharge to gather data about post-discharge treatment adherence and clinical trajectory.
- Assess executive function at admission and discharge using the National Institutes of Health (NIH) Toolbox iPad application.
- Build rapport with patients to ensure positive adherence to treatment outcomes protocol.
- Collaborate with statistical consultants to analyze outcomes data (inpatient and follow-up) and diagnostic data, generate novel research questions for paper publications and national and international presentations.
- Partner with research team members to co-author relevant mental health blogs published on Psychology Today.
- Analysis of fMRI rewarding processing data for publication.

Clinical Research Informatics Engineer

The Menninger Clinic

Department of Research

Director: Dr. Michelle A. Patriquin, PhD, ABPP

2020-2021

Responsibilities:

- Sole management of large Qualtrics-based outcomes database used for the collection, management, analysis, and visualization of evidence-based outcomes data.

- Programmed Qualtrics surveys and data visualization dashboards for the outcomes and diagnostic data for outpatient treatment programs.
- Utilized Python to efficiently consolidate, organize, and clean research data (e.g., text-based medication data, outcomes data, diagnostic data, substance use data, actigraphy data, and neuroimaging data).
- Managed the Baylor College of Medicine IRB protocol for the adult outcomes project, including writing IRB amendments and renewals.
- Re-engineered and improved the standardization of the outcomes system to efficiently organize and store research data and consent forms to ensure adherence with IRB protocols.
- Designed patient satisfaction and safety reports, weekly and monthly outcomes reports, and hospital-wide quality of care reports for The Menninger Clinic's Executive Team including the CEO/President and Chief of Staff.
- Presented outcomes reports at weekly laboratory meetings.
- Attended weekly grand rounds (Baylor College of Medicine and The Menninger Clinic) on various psychiatric topics: Autism Spectrum Disorder, Alternative DSM-5 Model for Personality Disorders, Ethical Challenges in Clinical Practice, Psychotherapy, Shame, Phenomenology and Interventions, Psychiatric Manifestations of COVID-19, Psychiatry Biomarker Research, Suicide, and Neuropsychiatry.
- Collaborated with a research scientist to analyze neuroimaging data using Analysis of Functional Neuroimages (AFNI).
- Improved and co-authored the outcomes user's guide implemented hospital wide at The Menninger Clinic. The guide is a reference for the hospital that describes the evidence-based scales and measurements used in the outcomes assessment, at which timepoints the questionnaires are administered, how to interpret scores in a clinical context, and how to document the reports in Cerner.

Senior Research Assistant

Baylor University

Department of Psychology & Neuroscience

Memory and Cognition Lab

PI: Dr. Charles A. Weaver, PhD

2018-2020

Responsibilities:

- Collaborated with the forensic psychology graduate student and undergraduate peers on a research project that focused on jury perception, eyewitness testimony, and fair/unfair lineups.
- Co-authored an abstract on expert testimony and presented it at the Undergraduate Research and Scholarly Achievement Scholars Week.
- Collaborated with the forensic psychology graduate student on a project that analyzed the interactions between on personality, politics, and decision making.
- Led participant recruitment for studies across the laboratory.
- Consented participants and informed them about the data collection process/steps.
- Supervised data collection across studies.
- Reviewed over 30 research papers to generate a comprehensive summary of existing literature on the interactions between personality, politics, and decision making.
- Managed the database to ensure readiness for analysis.

Research Intern

Baylor College of Medicine

Department of Psychiatry

Human Neuroimaging Laboratory

PI: Dr. Ramiro Salas, PhD

Summer 2018

Responsibilities:

- Collaborated with the primary investigator and graduate student on multiple research projects including those related to fMRI reward and neuroanatomy differences in psychiatric disorders
- Used Tracula and Python to analyze neuroimaging DTI data.

- Standardized and organized data for analysis.
- Utilized a Python-coded algorithm to match subjects to psychiatric and healthy controls for demographics and psychiatric comorbidities for a peer-reviewed publication.
- Co-authored a peer-reviewed neuroimaging paper that found that psychiatry biomarker research could benefit from using psychiatric controls, as the use of healthy controls results in data that are not disorder-specific.

TEACHING EXPERIENCE

Laboratory Assistant

Baylor University

Department of Psychology and Neuroscience

Introduction to Neuroscience and Lab (NSC 1106)

2019-2020

Responsibilities:

- Supervised and trained first year undergraduate students in the introduction to neuroscience laboratory experiments.
- Described procedures in neuroanatomy, behavioral neuroscience, animal learning and behavior, and human sensation and perception.

SERVICE

Diversity Forum

The Menninger Clinic

2020-2022

Responsibilities:

- Actively contribute to The Menninger Clinic's commitment to promoting diversity through conversations on how to foster a respectful and affirming climate to encourage diversity, equity, and inclusion throughout the hospital.
- Present and guide discussions about the discrepancies and difficulties observed in the mental health of the Latinx community.
- Discuss clinical considerations regarding providing care to patients who are part of minority communities.

Employee Activities Committee (EAC)

The Menninger Clinic

2020-2022

Responsibilities:

- Stimulate curiosity among my co-workers regarding the LatinX culture by directing educational and recreational events during Hispanic/LatinX Heritage month.
- Collaborate with team members to create awareness and educate staff about communities with diverse backgrounds by celebrating important historical events including Juneteenth, Black History Month, LGBTQ History Month, Lunar New Year, Mental Health Awareness Month, Women's International Day, and World Autism Awareness Day.
- Coordinate events that celebrate tradition and important holidays to motivate staff such as ugly sweater contests for the winter holidays and giving out traditional foods for Thanksgiving.

Tutor

Blue House, Waco, Texas

August 2018-May 2020

Responsibilities:

- Tutored low-income children ages 6-10 in science and math.
- Supervised homework completion.
- Participated in extracurricular activities to expand the children's interests and model appropriate social interactions.

Outreach Project

Waco, Texas

November 2018

Responsibilities:

- Developed an outreach project within the Waco community to deliver information about cognitive neuroscience to over 125 high schoolers.
- Simplified the topic of The Default Mode Network and its implications on everyday life to help students understand and actively apply the information.

HONORS & ACHIEVEMENTS

2022-Present R.O.A.D. to PhD Honors Program at Sam Houston State University

2019-Present Nu Rho Psi, Neuroscience Honors Student Program

2018-2019 Baylor University Dean's List

CERTIFICATES

2020-2023 CITI Program Biomedical Research

2020-2023 CITI Health Information Privacy and Security (HIPS) for IRB Members

2020-2023 CITI Program Good Clinical Practice (U.S. FDA Focus)

2018-2023 CITI Program Social and Behavioral Research

SOFTWARE SKILLS

- | | |
|-------------|-------------------------------------|
| • Qualtrics | • R |
| • Tracula | • SPSS |
| • Python | • MATLAB |
| • Tableau | • AFNI |
| • RStudio | • Microsoft Word, PowerPoint, Excel |

INTERESTS

- | | |
|---|-----------------------------------|
| • Clinical Forensic Psychology | • Personality Psychopathology |
| • Serious and persistent mental illness | • Clinical Cognitive Neuroscience |

REFERENCES

- Dr. Michelle Patriquin, PhD, ABPP
Director of Research, The Menninger Clinic
Associate Professor, Baylor College of Medicine
- Dr. Ramiro Salas, PhD
Associate Professor, Baylor College of Medicine
- Dr. Katrina Rufino, PhD
Senior Research Scientist, The Menninger Clinic
Associate Professor, University of Houston-Downtown
- Dr. Michael Scullin, PhD
Associate Professor of Psychology and Neuroscience, Baylor University
- Dr. Thomas Fergus, PhD
Associate Professor of Psychology, Baylor University