

Miriam Jocelyn Rodriguez, PhD

EDUCATION

Nova Southeastern University, Fort Lauderdale, FL

PhD Clinical Psychology

8/08-10/13

Neuropsychology Concentration

American Psychological Association, accredited clinical psychology program

Dissertation Topic: The relationship between neuropsychological performance and brain atrophy in Alzheimer's disease and amnesic mild cognitive impairment.

Dissertation Chair: Charles Golden, PHD, ABPP/ABCN

Nova Southeastern University, Fort Lauderdale, FL

M.S., Clinical Psychology

09/08-06/10

Florida International University, Miami, FL

B.A., Psychology

08/98-06/02

Minor: English

LICENSED PSYCHOLOGIST

- State: Florida
- License number: PY9391

PUBLICATIONS

- **Rodriguez, M.**, Mendoza, L., Rodriguez, I., Roselli, M., Loewenstein, D., & Duara, R. (2018). Cultural factors related to neuropsychological performance and brain atrophy among Hispanic older adults with Mild Cognitive Impairment (MCI). *Manuscript submitted for publication.*
 - Burke, S., Naseh, M., **Rodriguez, M.**, Burgess, A., & Loewenstein, D. (In Press). The Utility of Cognitive Screeners in the Detection of Dementia-Spectrum Disorders in Spanish speaking populations. *Psychology and Neuroscience.*
 - Burke, S., Hu, T., Fava, N., Li, T., **Rodriguez, M.**, Schuldiner, K., Burgess, A., & Laird, A. (2018). Sex differences in the development of mild cognitive impairment and probable Alzheimer's disease as predicted by hippocampal volume or white matter hyperintensities. *Journal of Women & Aging, 30(6)* [Epub ahead of print] doi: 10.1080/08952841.2018.1419476 .
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- Burke, S., **Rodriguez, M.**, Barker, W., Greig-Custo, M., Rosselli, M., Loewenstein, D., & Duara, R. (2017). Cognitive and functional performance on measures of neurodegeneration in Hispanic and white non-Hispanic older adults. *Journal of the International Neuropsychological Society (JINS)*. 18:1-12 [Epub ahead of print] doi: 10.1017/S1355617717000820
 - Duara, R., **Rodriguez, M.J.**, Loewenstein, D.A., Farlow, M.R., Ballard, C., Chui, H.C., Segal-Gidan, F., Perry, D., Rosen, H., Henry, M.L., Wilson, S. M., Rapcsak, S.Z., Geschwind, M.D., Wong, K. and Relkin, N.R. (2014). Cognitive Impairment and the Dementias. In A.K. Nair & M.N. Sabagh (Ed.), *Geriatric Neurology*. (pp.181-286) UK: John Wiley & Sons, Ltd.
 - **Rodriguez, M.J.**, Potter, E., Shen, Q., Barker, W., Agron, J., Greig-Custo, M., Loewenstein, D., & Duara, R. (2012). Cognitive and structural features of Lewy Body dementia and Alzheimer's disease. *Alzhiemers and Dementia*, 8(3), 211-218.
 - **Rodriguez, M.J.**, Golden, C. (2010). Alternating hemiplegia. In Kreutzer, J., Delucia, J., & Caplan, B. (Eds). *Encyclopedia of Clinical Neuropsychology*. New York, NY: Springer.
 - **Rodriguez, M.J.**, Golden, C. (2010). Acute disseminated Encephalomyelitis. In Kreutzer, J., Delucia, J., & Caplan, B. (Eds). *Encyclopedia of Clinical Neuropsychology*. (pp.) New York, NY: Springer.

GRANTS AND AWARDS

- University of Florida (UF) and 1Florida Alzheimer's Disease Research Center (ADRC) KL2 training grant.
2019-2021
 - Project Title: *The influence of acculturation, test taking effort, and education on cognitive performance among Hispanics with MCI and dementia.*
 - Role: P.I.
- 1Florida Alzheimer's Disease Research Center (ADRC) pilot grant. \$40,000.
2017-2018
 - Project Title: *Cultural factors related to cognition and brain atrophy in Hispanic older adults*
 - Role: P.I.
- Robert Shapiro Research Scholarship Award. \$500
2012

PUBLISHED ABSTRACTS

- **Rodriguez, M.J.**, Potter, E.P., Loewenstein, D., Duara, R., & Golden, C.
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(2011). *Relationship between brain atrophy and performance on memory measures in AD*. Poster session at the annual convention for the National Academy of Neuropsychology, Marco Island, FL [Published Abstract].

- **Rodriguez, M.J.**, Fonseca, F., & Golden, C. (2011). *The relationship between executive functioning and IQ in children*. Poster session at the annual convention for the National Academy of Neuropsychology, Marco Island, FL [Published Abstract].
 - **Rodriguez, M.J.**, West, S., & Golden, C. (2010). *Executive functioning in children versus adolescents with major depressive disorder*. Platform session at the annual convention for the National Academy of Neuropsychology, Vancouver, Canada. [Published Abstract]
 - Bolanos, J., Bergman, B., **Rodriguez, M.**, Patel, F., Frisch, D., & Golden, C. (2010). *Predicting general memory performance using various assessments of depression*. Poster session at the annual convention for the National Academy of Neuropsychology, Vancouver, Canada [Published Abstract]
 - Sharma, V., **Rodriguez, M.J.**, & Golden, C. (2010). *Is the Stroop a more appropriate measure of executive functioning for children with perceptual reasoning deficits?* Poster session at the annual convention for the National Academy of Neuropsychology, Vancouver, Canada [Published Abstract].
 - Pearlson, J., Scarisbrick, D., & **Rodriguez, M.J.** (2010). *Cognitive deficits in adolescents with major depressive disorder*. Poster session at the annual convention for the National Academy of Neuropsychology, Vancouver, Canada. [Published Abstract].
 - **Rodriguez, M.J.**, Potter, E., Shen, Q., Barker, W., Agron, J., Greig-Custo, M., Loewenstein, D., & Duara, R. (2010). *The Evaluation of AD and LBD Using Clinical and MRI Measures*. Poster session at the 21st Annual Meeting of the American Neuropsychiatric Association, Tampa, Fl [Published Abstract]
 - **Rodriguez, M.J.**, Myers, A., West, S., & Golden, C. (2009). *Can the Wisconsin Card Sorting Test differentiate between ADHD subtypes?* Poster session at the annual convention for the National Academy of Neuropsychology, New Orleans, LA [Published Abstract]
 - Restrepo, L., **Rodriguez, M.J.**, Robbins, J., Morrow, J., & Golden, C. (2009). *Age and attention as a predictor of driving performance*. Poster session at the annual convention for the National Academy of Neuropsychology, new Orleans, LA [Published Abstract].
 - **Rodriguez, M.J.**, Hines, L., Heyanka, D., & Golden, C. (2008). *Evaluation of executive functioning deficits in children with learning disability*. Poster session at the annual convention for the National Academy of
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Neuropsychology, New York, NY [Published Abstract].

PAPER PRESENTATIONS

- **Rodriguez, M.J.**, Morrow, J., Frisch, D., & Golden, C.(2009). *Visual Performance on simulated driving and cognitive assessments*. Paper presented at the annual convention for the American Psychological Association, Toronto, Canada.
- Morrow, J., **Rodriguez, M.J.**, Frisch, D.,& Golden, C. (2009). *An investigation of factors affecting driving performance on a driving simulator*. Paper presented at the annual convention for the American Psychological Association, Toronto, Canada.
- Golden, C., Morrow, J., **Rodriguez, M.J.**, & Prinzi, L. (2009). *Assessing cognition and diagnosing dementia*. Paper presented at the University Elder Review conference, Ft. Lauderdale, FL.

POSTER PRESENTATIONS

- **Rodriguez, M.J.**, Burke, S., Loewenstein, D., Duara, R. & O'Driscoll, J. (2018). *Variability in MMSE performance across time between Hispanic and non-Hispanic elderly*. Poster session at the Alzheimer's Association Regional Education Conference, Miami, FL.
 - **Rodriguez, M.J.**, Mendoza, L., Rodriguez, I., Roselli, M., Loewenstein, D., & Duara, R. (2018). *The Relationship between Cultural Factors, Neuroimaging, and Neuropsychological Performance Among Older Adults*. Poster session at the Alzheimer's Association Regional Education Conference, Miami, FL.
 - **Rodriguez, M.J.**, Burke, S., Burgess, A. (2018). *Neuropsychological Testing Issues Related to Detection of Dementia in Latino/Hispanic Populations*. Poster session at the 44th annual meeting of the Association for Gerontology in Higher Education, Atlanta, GA.
 - Burke, S., **Rodriguez, M.J.**, Burgess, A. (2018). *Sensitivity and Specificity of Cognitive Screeners to Detect Dementia in Spanish and English-speaking populations*. Poster session at the 44th annual meeting of the Association for Gerontology in Higher Education, Atlanta, GA.
 - **Rodriguez, M.J.**, Fonseca, F., Miles, A., Brzinski, B., Chan, R., & Golden, C. (2010). *Executive functioning deficits in individuals with Schizophrenia and Depression*. Poster session at the annual convention for the American Psychological Association, San Diego, CA.
 - **Rodriguez, M.J.**, Brzinski, B., Chan, R., West, S., Miles, A., & Golden, C. (2010). *Memory performance differences between childhood depression and anxiety*. Poster session at the annual convention for the American
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Psychological Association, San Diego, CA.

- West, S., Brzinski, B., Chan, R., **Rodriguez, M.J.**, & Golden, C. (2010). *Right hemisphere mediated tasks in depressed versus normal children*. Poster session at the annual convention for the American Psychological Association, San Diego, CA.
- Bolanos, J., **Rodriguez, M.J.**, & West, S. (2010). *The effect of anxiety disorders on performance of timed and untimed tests of executive function*. Poster session at the annual convention for the American Psychological Association, San Diego, CA.
- **Rodriguez, M.J.**, Potter, E., Shen, Q., Barker, W., Agron, J., Greig-Custo, M., Loewenstein, D., & Duara, R. (2010). *Relationship between clinical measures and brain atrophy in Alzheimer's disease and Lewy Body disease*. Presented at the Center for Psychological Studies Student Government Association Research Fair, Ft. Lauderdale, Fl.
- **Rodriguez, M.J.**, Potter, E., Shen, Q., Barker, W., Agron, J., Greig-Custo, M., Loewenstein, D., & Duara, R. (2010). *The Evaluation of Alzheimer's disease (AD) and Lewy Body Disease (LBD) Using Clinical and Semi quantitative MRI Measures*. Poster session at the annual meeting for the American Academy of Neurology, Toronto, Canada.
- **Rodriguez, M.J.**, Potter, E., Shen, Q., Barker, W., Agron, J., Greig-Custo, M., Loewenstein, D., & Duara, R. (2010). *Diencephalic atrophy measures on MRI in Lewy Body dementia and Alzheimer's disease*. Poster session at the annual meeting for the International Neuropsychological Society, Acapulco, Mexico.
- **Rodriguez, M.J.**, Heyanka, D., Myers, A., Restrepo, L., & Golden, C. (2009). *Memory Performance in adults with anxiety and depression*. Poster session at the annual convention for the American Psychological Association, Toronto, Canada.
- **Rodriguez, M.J.**, DenBesten, N., & Golden, C. (2008). *Education Level Effects on Memory Decline with Aging*. Poster session at the annual convention for the American Psychological Association, Boston, MA.

PROFESSIONAL EXPERIENCE

Goodman Center for Psychological Services

01/15- present

Clinical Supervisor; Clinical Neuropsychologist

Provide clinical supervision of students completing practicum training as part of their doctoral training in clinical psychology. Provide psychoeducational and neuropsychological evaluation and integrated reports for pediatric and adult patients presenting with a wide range of clinical diagnoses and cognitive concerns.

*Albizu University
Miami, FL*

01/15 - present

Assistant Professor, Neuropsychology

Engaged in faculty duties including teaching doctoral level courses in Psychology, evaluating students for clinical competency exams, advising students, chairing and co-chairing in dissertation committees, and faculty meetings. Additional duties include, conducting research and mentoring students on research projects which lead to co-authorship for several studies presented at national conferences.

*Geisinger Medical Center
Danville, PA*

10/13 – 10/14

Post-Doctoral Neuropsychology Fellowship

Conducted Neuropsychological assessment of individuals presenting with a wide range of cognitive deficits and neurological conditions. Provided in-patient neuropsychological consultation. Provided consultation for multidisciplinary treatment planning of patients with TBI. Six month rotation in a rehabilitation hospital was focused on therapeutic intervention for in-patients, as well as consultation/liason services. Worked with a wide variety of clinical presentations including TBI, dementia, stroke, and learning disabilities. Additional duties included, program development for a cognitive rehabilitation program.

*Broward Health Medical Center
Ft. Lauderdale, FL*

09/12-08/13

Internship

Provided inpatient consultation and psychotherapeutic support to in-patients. Provided neuropsychological assessment for patients presenting with TBI. Conducted liver transplantation psychological evaluations for surgical candidacy. Provided outpatient psychotherapy to oncology and cardiac patients. Provided services in both English and Spanish.

*Pediatric Psychology Associates
Aventura, FL*

05/12-08/12

Provided individual and group therapy to children diagnosed with various developmental and behavioral disorders. Administered psychological assessment, performed school observations, and assisted in creating behavioral plans to be implemented at school and home. Provided services in English and Spanish.

Pediatric Neuropsychology, Jackson Memorial Hospital

10/11-05/12

Miami, FL

Administered and scored full neuropsychological batteries to pediatric clients with a wide range of neurological conditions and developmental disabilities. Evaluated intelligence, personality, and neuropsychological assessments. Wrote comprehensive reports based on clients' history and results of testing. Assessments administered in English and Spanish.

Neuropsychology Assessment Center, Nova Southeastern University **08/10-08/11**
Ft. Lauderdale, FL

Administered full neuropsychological batteries to individuals with a wide range of neurological conditions and developmental disabilities. Evaluated intelligence, personality, and neurological disorders in both adults and children. Wrote final comprehensive reports based on history and results of testing. Provided services in English and Spanish.

Anxiety Treatment Center, Nova Southeastern University **08/09-08/10**
Ft. Lauderdale, FL.

Provided cognitive behavioral therapy to clients presenting with symptomatology consistent with anxiety disorders. Wrote bio psychosocial, progress reports, and discharge letters based on history and treatment outcome. Therapy was provided for English and Spanish speaking clients.

Mount Sinai Medical Center, Wein Center for Alzheimer's **06/06 – 08/10**
Disease and Memory Disorders.
Miami Beach, FL

Provided neuropsychological assessment for individuals experiencing mild cognitive impairment, dementia, or age related cognitive decline. Implemented a cognitive rehabilitation program for dementia populations as part of an NIH funded research project.

TEACHING EXPERIENCE

Physiological Psychology (PSYD708), Albizu University: Winter 2015 – present

Introduction to the psychological basis of behavior. This course covers structure and function of cells and cellular communication, sensory systems, control of movement, sleep, psychiatric disorders, learning and memory, and human communication.

Neuropsychological Assessment (NEUR702), Albizu University: Winter 2016, Fall 2016, Summer 2017, Winter 2018, Fall 2018

This course reviews the administration and scoring of neuropsychological

instruments and focus on the integration, summary, and interpretation of neuropsychological test results. Additionally, report writing skills are developed. The use of these instruments with minority populations and the lack of available instruments standardized with these populations are discussed.

Fundamentals of Neuropsychology, (NEUR701), Albizu University: Summer 2017

This is an introductory course in neuropsychology, which reviews basic aspects of neurological anatomy, organization and function with emphasis on the structures and functions within each of the four lobes of the human brain. The course also provides a comprehensive coverage of the principles of human neuropsychology, including foundations (history, methods, approaches), major functional systems (language, language, spatial processing, executive functions, emotional processing and personality), and applications to include those associated with the assessment of minority populations (experimental, clinical). Manifestation and diagnosis of developmental, neurological and psychiatric disorders are discussed from a neuropsychological perspective.

Fundamentals of Statistical Reasoning (PSYD719), Albizu University: Summer 2015, Winter 2016, Summer 2017, Summer 2018

This course covers both inferential and descriptive statistics with a special focus on statistical applications to research relevant to clinical psychology. Computerized statistical analysis using SPSS is included.

Functional Neuroanatomy (NEUR700), Albizu University: Summer 2016, Winter 2017, Fall 2017

An in-depth review of the anatomical structures and the physiological substrata of neuropsychological functioning. Central nervous system activity is emphasized. The understanding of the anatomical organization of the human nervous system is an important step in learning to be a clinical neuropsychologist. In this course the focus is on those aspects of neuroanatomy which will aid in neuropsychological assessment and research. Topics include the development, structure and function of the human nervous system, neuroanatomical correlates of behavior and the anatomical substrates of neuropathology.

Neuropsychological Rehabilitation and Treatment (NEUR704), Albizu University: Winter 2016, Fall 2016, Winter 2017

Introduction of the philosophy and rationale of neuropsychological rehabilitation and treatment of a variety of brain disorders. Training in development and application of cognitive rehabilitation programs for various types of patients. Cultural factors and biases in the care and treatment of neuropsychological conditions are reviewed.

Clinical Supervision and Consultation (PSYD880), Albizu University: Winter 2016, Summer 2016

The theory and practice of the supervision of psychotherapy and mental health consultation are discussed. Methods to improve the supervisory process are considered. Various forms of mental health consultation, including case centered and program consultation. This course studies the theoretical, legal and practical aspects of psychotherapy supervision and professional clinical psychology consultation. Students are encouraged to develop and demonstrate through role-play their own supervisory style. Additional emphasis is placed on understanding multi-cultural issues that impact on clinical supervision and evidenced-based supervisory styles and interventions.

Theories of Learning and Behavior (PSYD700), Albizu University: Fall 2015, Winter 2016

This course covers contemporary and classical theories of learning and motivation. Relevant research in the behavioral, cognitive, social learning and neuropsychological areas are discussed. Implications of studies in the field of learning and motivation for psychological interventions are stressed. The impact of culture on conditioning experiences and reinforcement contingencies are discussed.

Theories of Personality (PSYD715), Albizu University: Fall 2015, Fall 2018

This course considers both classic and modern theories of personality. The students review readings of the original writings of the major personality theorists. The empirical foundations related to the major personality theories are discussed. The role of cultural influences on personality development and expression are also discussed.

LANGUAGES

- English – native language
- Spanish – speak fluently and read/write with proficiency
- Proficient in conducting psychotherapy and neuropsychological testing in both languages.

PROFESSIONAL AFFILIATIONS

American Psychological Association

- Division 40, Society for Clinical Neuropsychology

National Academy of Neuropsychology