William C. Hochberger, Ph.D.

Clinical Neuropsychologist
Licensed Clinical Psychologist (CA PSY#30379)
(310) 400-4126
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EDUCATION

2011-2017 **Rosalind Franklin University of Medicine and Science, Department of Psychology** (APA accredited)
Ph.D. Clinical Psychology, Neuropsychology Emphasis

2011-2013 **Rosalind Franklin University of Medicine and Science, Department of Psychology** (APA accredited)
M.S. Clinical Psychology

2007-2011 **Westmont College**
B.S. Psychology, Neuroscience Emphasis, Cum Laude with Major Honors

CURRENT POSITIONS

2019-Present **Advanced Neurobehavioral Health of Southern California**
Neuropsychologist

Provided clinical neuropsychological services including: conducted patient interviews, administered brief and comprehensive cognitive and psychodiagnostic assessments, wrote integrative reports with tailored treatment recommendations, and provided feedback sessions to patients and their families. Primary diagnoses consisted of neurocognitive disorders (i.e., dementia) and traumatic brain injury, including patients primarily seen through Medicare and private health insurance.

2019-Present **Point Loma Nazarene University**
Adjunct Professor, Department of Psychology

PSY3021 "Abnormal Psychology"

- Average student evaluation rating of overall quality of the course and professor: 4.7 (on a 5-point scale).

PSY3050 "Clinical and Research Assessment"

- Average student evaluation rating of overall quality of the course and professor: 4.7 (on a 5-point scale).

2019-Present **Society for Clinical Neuropsychology**
Early Career Neuropsychologist Committee California State Representative

CLINICAL EXPERIENCE

2017-2020 **VA San Diego Healthcare System/University of California San Diego**
Advanced Fellow in Mental Health Research, Education, and Treatment (APA accredited, 40 hours/week)

Supervisors: Gregory Light, Ph.D.
Mark Jacobson, PhD.

Rotations: Mental Illness Research, Education, and Clinical Center
Inpatient Neurocognitive Screening/Psychology Assessment
Outpatient Neuropsychology

Two-year full-time postdoctoral clinical research fellowship with specialty training in neuropsychology consistent with APA Division 40 Houston Criteria. Performed brief and comprehensive neuropsychological assessments, conducted patient interviews, provided feedback sessions to patients and their families, networked with providers in the implementation of treatment recommendations, conducted cognitive trailing/cognitive remediation therapy. Supervised practicum students and pre-doctoral interns in the provision of neuropsychological services in both research and clinical settings. Conducted clinical trial research examining the use of neuropsychological and neurophysiological (EEG) biomarkers in order to predict patient outcome from procognitive interventions. Primary diagnoses consisted of neurocognitive disorders (i.e., dementia), multiple-sclerosis, stroke, seizure disorders, substance use disorder, severe mental illness (psychotic disorders), traumatic brain injury, learning disorders, and attention-deficit/hyperactivity disorder.

2016-2017 **VA Long Beach Healthcare System**
Predoctoral Psychology Intern, Neuropsychology track (APA accredited, 40 hours/week)

Supervisors: Vanessa Zizak, Ph.D., ABPP-CN
Christine Kim, Ph.D.
Stacy Reger, Ph.D.
Jennifer Geren, Ph.D., ABPP

Rotations: Outpatient Neuropsychology
Spinal Cord Injury/Dysfunction
Community Living Center

One-year full-time predoctoral internship with specialty training in neuropsychology consistent with APA Division 40 Houston Criteria. Performed brief and comprehensive neuropsychological assessments, conducted patient interviews, provided feedback sessions to patients and their families, networked with providers in the implementation of treatment recommendations, supervised

practicum students in the provision of neuropsychological services, conducted and supervised monthly psychoeducation group for mild traumatic brain injury, provided rehabilitation-based psychological intervention. Primary diagnoses included neurocognitive disorders (i.e., dementia), pre-surgical assessments (primarily deep brain stimulation), traumatic brain injury (TBI), stroke, seizure disorders, primary medical illness (e.g.: end-stage renal disease, systemic infections), severe mental illness, and spinal cord injury.

2015-2016 **Forensic and Rehabilitation Neuropsychology Consultation, Private Practice**
Neuropsychology Practicum Student; Neuropsychological Assessment Technician (24 hours/week)

Supervisor: Steven Rothke, Ph.D., ABPP-CN

Performed brief and comprehensive neuropsychological assessments for a combination of IME and private litigation referrals in order to evaluate sustained injury, cognitive capacity, and fitness-for-duty. Primary diagnoses included traumatic brain injury, hypoxia/anoxia, cerebrovascular disease, chronic pain, major depression, and posttraumatic stress disorder.

2014-2016 **University of Illinois at Chicago, Department of Psychiatry**
Neuropsychological Assessment Technician (16 hours/week)

Supervisors: Neil Pliskin, Ph.D., ABPP-CN
Julie Janacek, Ph.D., ABPP-CN

Performed comprehensive neuropsychological assessments for primarily outpatient (occasional inpatient) adult and geriatric populations. Trained and supervised neuropsychology practicum students in the practice of clinical neuropsychology. Primary diagnoses consisting of electrical injury, neurocognitive disorders (i.e.: dementia), pre-surgical assessments (pre-transplant, spinal cord stimulation), traumatic brain injury (TBI), stroke, seizure disorders, and severe mental illness.

2014-2015 **Edward Hines Jr. VA Hospital**
Neuropsychology Practicum Student (20 hours/week)

Supervisors: David Kinsinger, Ph.D., ABPP-CN
Anne Wiley, Ph.D., ABPP-CN

Conducted patient interviews, performed integrative neuropsychological assessments, provided feedback sessions to patients and their families, networked with providers in the implementation of treatment recommendations. Primary outpatient referrals on adult and geriatric Veterans with primary diagnoses consisting of neurocognitive disorders (i.e., dementia), traumatic brain injury

(TBI), stroke, seizure disorders, substance use disorders, and severe mental illness.

2013-2014 **University of Illinois at Chicago, Department of Psychiatry**
Neuropsychology Practicum Student (20 hours/week)

Supervisors: Neil Pliskin, Ph.D., ABPP-CN
Julie Janacek, Ph.D., ABPP-CN

Performed integrative neuropsychological assessments for primarily outpatient (and occasional inpatient) adult and geriatric populations. Primary diagnoses consisting of electrical injury, neurocognitive disorders (i.e.: dementia), pre-surgical assessments (pre-transplant, spinal cord stimulation), traumatic brain injury (TBI), stroke, seizure disorders, and severe mental illness.

2012-2013 **Arden Shore Child and Family Services**
Psychotherapy Practicum Student (24 hours/week)

Supervisor: Martha Angel, Psy.D.

Provided individual and group psychological intervention using cognitive-behavioral and mindfulness-based orientations to adolescent, adult, and geriatric outpatients. Average caseload of 6 individual psychotherapy cases and 1 psychotherapy/psychoeducational group.

2011-2012 **Lake County Community Action Center, Head Start Program**
Psychotherapy and Psychodiagnostic Assessment Practicum Student (12 hours/week)

Supervisor: Chinni Chilamkurti, Ph.D.

Provided psychodiagnostic and developmental assessment for children (age 3-5) with follow-up behavioral observation and intervention planning services provided to parents and teachers within the Lake County Head Start program.

GRANTS AND AWARDS

2018 Brain & Behavior Research Foundation Leading Research Achievements, Top Advancements and Breakthroughs of 2018. "*Computer-Delivered Cognitive Training Significantly Helped Schizophrenia Patients in Rehab Setting*."

2018 Department of Veteran's Affairs VISN-22 Mental Illness, Education, Research, and Clinical Center Pala Pilot Grant, *"Neurophysiological activity in schizophrenia: Characterization of an optimized EEG biomarker of working memory target engagement."* Awarded amount: $10,000.

2016 Rosalind Franklin University of Medicine and Science College of Health Professions Dean's Award for Research.

PUBLICATIONS

1. Molina, J.L.; Thomas, M.L.; Joshi, Y.B.; **Hochberger, W.C.**; Koshiyama, D.; Nungaray, J.A.; Cardoso, L.; Sprock, J.; Braff, D.L.; Swerdlow, N.R.; Light, G.A. (In Press). Gamma oscillations predict pro-cognitive and clinical response to auditory-based cognitive training in schizophrenia. *Translational Psychiatry.*

2. Eskridge, C.L.M.; **Hochberger, W.C.**; Keedy, S.; Lencer, R.; Keefe, S.E.; Pearlson, G.D.; Keshavan, M.S.; Tamminga C.A.; Sweeney, J.A.; Hill, S.K. (Under Review). Visual tracking, generalized cognitive ability, and cognitive control underlie neuropsychological and neurophysiological functions in psychotic disorders.

3. **Hochberger, W.C.**; Eskridge, C.L.M.; Bishop, J.R.; Reilly, J.L.; Rubin, L.H.; Keedy, S.; Gershon, E.S.; Tamminga, C.A.; Pearlson, G.D.; Ragozzino, M.; Keshavan, M.S.; Sweeney, J.A.; Hill, S.K. (In Press). Catechol-O-methyltransferase genotype differentially contributes to the flexibility and stability of cognitive sets in patients with psychotic disorders and their first-degree relatives. *Schizophrenia Research*.

4. Treichler, E.B.H.; Cardoso, L.; Du, Y.; Nungaray, J.; **Hochberger, W.C.**; Joshi, Y.B.; Sprock, J.; Cohen, A.N.; Light, G.A. (In Press). Contextualizing the Road to Recovery: A Novel Method of Assessing Outcome Trajectories in Clinical Trials. *Psychological Services.*

5. **Hochberger, W.C.**; Joshi, Y.B.; Thomas, M.L.; Molina, J.; Treichler, E.B.H.; Nungaray, J.; Cardoso, L.; Sprock, J.; Swerdlow, N.; Light, G.A. (In Press). Oscillatory biomarkers of early auditory information processing predict cognitive gains following targeted cognitive training in schizophrenia patients. *Schizophrenia Research*.

6. **Hochberger, W.C.**; Thomas, M.L.; Joshi, Y.B.; Swerdlow, N.R; the Consortium of Genomics in Schizophrenia (COGS) investigators; Gur, R.E.; Gur, R.C.; Light, G.A. (In Press). Deviation from predicted cognitive ability is a core cognitive feature of schizophrenia related to neurophysiologic, clinical and psychosocial functioning. *Schizophrenia Research*.

7. Joshi, Y.; Thomas, M.L.; **Hochberger, W.C.**; Bismark, A.W.; Treichler, E.B.H.; Molina, J.; Nungaray, J.; Cardoso, L.; Sprock, J.; Swerdlow, N.; Light, G.A. (2019). Verbal learning deficits associated with increased anticholinergic burden are attenuated with

targeted cognitive training in treatment refractory schizophrenia patients. *Schizophrenia Research*.

8. Treichler, E.B.H.; Thomas, M.L.; Tarasenko, M.; Bismark, A.W.; **Hochberger, W.C.**; Joshi, Y.B.; Zhang, W.; Nungaray, J.; Cardoso, L.; Sprock, J.; Swerdlow, N.; Cohen, A.N.; Light, G.A. (2019). Divergence of self-reported and performance-based cognitive gains following cognitive training in schizophrenia. *Schizophrenia Research.*

9. **Hochberger, W.C.**; Joshi, Y.; Zhang, W.; Thomas, M.L., the Consortium of Genomics in Schizophrenia (COGS) investigators; Braff, D.L.; Swerdlow, N.; Light, G.A. (2019). Decomposing the constituent oscillatory dynamics underlying mismatch negativity generation in schizophrenia: Distinct relationships to clinical and cognitive functioning. *The International Journal of Psychophysiology.*

10. **Hochberger, W.C.**; Joshi, Y.B.; Thomas, M.L.; Zhang, W.; Bismark, A.W.; Treichler, E.B.H.; Tarasenko, M.; Nungaray, J.; Sprock, J.; Cardoso, L.; Swerdlow, N.; Light, G.A. (2019). Neurophysiological markers of target engagement predict response to auditory-based targeted cognitive training in treatment refractory schizophrenia. *Neuropsychopharmacology, 44*, 606-612.

11. **Hochberger, W.C.**; Axelrod, J.L.; Sarapas, C.; Shankman, S.; Hill, S.K. (2018). P3 amplitude attenuation secondary to increases in target-to-target interval (TTI) during spatial serial order recall: Implications for EEG models of working memory function. *The International Journal of Neuroscience*, *128*, 1135-1142.

12. Thomas, M.L.; Bismark, A.W.; Joshi, Y.B.; Tarasenko, M.; Treichler, E.B.H.; **Hochberger, W.C.**; Zhang, W.; Nungary, J.; Sprock, J.; Cardoso, L.; Tiernan, K.; Attarha, M.; Braff, D.L.; Vinogradov, S.; Swerdlow, N.; Light, G.A. (2018). Targeted cognitive training improves auditory and verbal outcomes among treatment refractory schizophrenia patients mandated to residential care. *Schizophrenia Research, 202*, 378-384.

13. **Hochberger, W.C.**; Combs, T.; Reilly, J.L.; Bishop, J.R.; Keefe, R.S.E.; Clementz, B.A.; Keshavan, M.S.; Pearlson, G.D.; Tamminga, C.A.; Hill, S.K.; Sweeney, J.A. (2018). Deviation from expected cognitive ability across psychotic disorders. *Schizophrenia Research, 192,* 200-307.

14. **Hochberger, W.C.**; Hill, S.K.; Nelson, C.L.M.; Reilly, J.L.; Keefe, R.S.E.; Pearlson, G.D.; Keshavan, M.S.; Tamminga, C.A.; Clementz, B.A.; Sweeney, J.A. (2016). Unitary construct of generalized cognitive ability underlying BACS performance across psychotic disorders and in their first-degree relatives. *Schizophrenia Research*, *170* (1), 156-161.

15. Hill, S.K.; Bjorkquist, O.; Carrathers, T.; Roseberry, J.E.; **Hochberger, W.C.**; Bishop, J.R. (2013). Sequential processing deficits in schizophrenia: Relationship to neuropsychology and genetics. *Schizophrenia Research, 151* (1-3)*,* 91-96.

PRESENTATIONS

1. Joshi, Y.; Molina, J.; Xie, J.; **Hochberger, W.C.**; Nungaray, J.; Cardoso, L.; McDonald, L.; the Consortium of Genomics in Schizophrenia (COGS-2) investigators; Gur, R.E; Gur, R.C.; Braff, D.L.; Light, G.A. (2019). Anticholinergic Medication Burden Effect on Cognition in Patients with Schizophrenia in the Consortium on the Genetics of Schizophrenia (COGS-2) Study. *Annual Meeting of the American College of Neuropsychopharmacology.*

2. **Hochberger, W.C.**; Thomas, M.L.; Joshi, Y.B.; the Consortium of Genomics in Schizophrenia (COGS-2) investigators; Gur, R.E; Gur, R.C.; Braff, D.L.; Swerdlow, N.; Light, G.A. (2019). Characterizing illness-related cognitive function decrements in schizophrenia: Patterns across focal cognitive domains, neurophysiology, and clinical functioning. *University of California San Diego, 14th Annual Louis L. Judd Young Investigators Research Symposium.*

3. Xie, J.S.; Joshi, Y.B.; **Hochberger, W.C.**; Molina, J.; MacDonald, L.; Iwanaga, D.; Lykins, H.; the Consortium of Genomics in Schizophrenia (COGS-2) investigators; Gur, R.E; Gur, R.C.; Light, G.A. (2019). Anticholinergic medication burden and cognitive funcitoning in schizophrenia: Findings from the Consoritum on the Genetics of Schizophrenia (COGS-2). *University of California San Diego, 14th Annual Louis L. Judd Young Investigators Research Symposium.*

4. Treichler, E.B.H.; Cardoso, L.; Du, Yifeng; Nunbaray, J.; Thomas, M.L.; **Hochberger, W.C.**; Tarasenko, M.; Bismark, A.W.; Sprock, J.; Cohen, A.N.; Light, G.A. (2019). Clinical Progress Notes for the Age of Measurement-Based Care: Lessons learned from a study of progress notes in mental health care. *University of California San Diego, 14th Annual Louis L. Judd Young Investigators Research Symposium.*

5. McDonnell M.; Mechure, M.; **Hochberger, W.C.**; Taylor, L.; Steury, B.; Zizak, V.S. (2019). The infleunce of ethnicity and education on cognitive performance when comparing standard and regressionb ased norms in older adults. *International Neuropsychological Society (INS) annual conference.*

6. **Hochberger, W.C.** … Light, G.A. (2018). Neurophysiological markers target engagement predict outcome from auditory-based cognitive training in treatment refractory schizophrenia. *American College of Neuropsychopharmacology annual conference*

7. Joshi, Y.; Thomas, M.L.; Bismark, A.; **Hochberger, W.C.**; Treichler, E.B.; Tarasenko, M.; Nungaray, J.; Cardoso, L.; Sison, A.; Molina, J.; Swerdlow, N.; Light, G.A. (2018). Interaction between anticholinergic medication burden and treatment effects of targeted

cognitive training in schizophrenia patients mandated to long-term locked inpatient care. *American College of Neuropsychopharmacology annual conference.*

8. Treichler, E.; Thomas, M.L.; **Hochberger, W.C.**; Du, Y.; Cardoso, L.; Nungary, J.; Joshi, Y.B.; Bismark, A.; Tarasenko, M.; Light, G.A. (2018). Participants with schizophrenia spectrum disorders do not detect cognitive improvement following computerized cognitive training. *Association for Behavioral and Cognitive Therapies annual conference*.

9. Bismark, A.W.; Zhang, W.; Du, Y.; Nungary, J.; Cardoso, L.; Sison, A.; Joshi, Y.B.; **Hochberger, W.C.**; Treichler, E.; Thoams, M.L.; Light, G.A. (2018). Auditory steady state responses as biomarkers of treatment response following an initial session of targeted cognitive training. *Society for Research in Psychopathology Annual Conference.*

10. Treichler, E.; Du, Y.; Lauren, C.; Nungaray, J.; Joshi, Y.; **Hochberger, W.C.**; Bismark, A.; Tarasenko, M.; Thomas, M.; Light, G. (2018). Dissociation of performance-based and self-reported gains following cognitive training in schizophrenia patients. *University of California, San Diego 13th Annual Louis L. Judd Young Investigators Research Symposium.*

11. **Hochberger, W.C.**; McDonnell, M.; Zizak, V. (2018). Augmenting brief cognitive screens with assessment of judgement: Integration of the Test of Practical Judgement (TOP-J) and the Montreal Cognitive Assessment (MoCA). *International Neuropsychological Society (INS) annual conference.*

12. Keedy, S.; **Hochberger, W.C.**; Ramirez, V.; Yohanna, D. (2015). Abnormal evoked responses to task-irrelevant stimuli in psychosis patients correlates with hallucination severity. *International Congress of Schizophrenia Research annual conference.*

13. Nelson, C.; **Hochberger, W.C.**; Hill, S.K. (2015). Exploratory and confirmatory factor analyses converge on a unitary construct underlying BACS performance across psychotic disorders, their first-degree relatives, and healthy controls. *National Academy of Neuroscience (NaN) annual conference.*

14. Axelrod, J.A.; **Hochberger, W.C.** (2015). Attenuation of the P3 in psychosis patients using a novel serial order oddball paradigm. *Society for Neuroscience (SfN) annual conference.*

15. **Hochberger, W.C.** (2014). ERP amplitude differences across varied serial order processing conditions: Findings from a novel P3 oddball paradigm. *Rosalind Franklin University College of Health Professions Spring 2014 Colloquium Series.*

16. Carrathers, T.; Roseberry, J.; **Hochberger, W.C**.; Rosado, D.; Hill, S.K. (2014). Impact of Catechol-O-methyltransferase on Standardized Norm-Referenced Sequential Recall

Tasks in Schizophrenia. *American Academy of Clinical Neuropsychology (AACN) annual conference.*

17. Axelrod, J.; **Hochberger, W.C.;** Hill, S.K. (2014). Using the N4 to Assess Semantic Processing of Neutral Stimuli. *Rosalind Franklin University's Winter 2014 research symposium.*

18. **Hochberger, W.C.**; Axelrod, J.; Carrathers, T. (2013). Assessing serial order processing using a novel P3 oddball paradigm: A proof of concept investigation. *Society for Neuroscience (SfN) annual conference.*

19. Carrathers, T.; **Hochberger, W.C**.; Hill, S.K. (2013). Serial Position Effect for Sequential Recall Tasks in Schizophrenia. *American Academy of Clinical Neuropsychology (AACN) annual conference.*

20. **Hochberger, W.C.**; Carrathers, T.; Roseberry, J.; Rosado, D.; Hill, S.K. (2013). Response latency during serial order recall in schizophrenia: Differential effects of paced versus unpaced responding. *Midwest Neuropsychology Group (MNG) annual conference.*

21. **Hochberger, W.C.**; Carrathers, T.; Roseberry, J.; Hill, S.K. (2012). Predictive utility of serial order recall in discriminating schizophrenia beyond general cognitive abilities. *Rosalind Franklin University's Winter 2012 research symposium.*

22. Carrathers, T.; Roseberry, J.; **Hochberger, W.C.**; Hill, S.K. (2012). Establishing the relationship between novel serial order processing paradigms and traditional neuropsychological measures in schizophrenia. *Rosalind Franklin University's Winter 2012 research symposium.*

23. **Hochberger, W.C.** (2011). The N2 and Volitional Inhibition: A Neuroscientific Study of the 'Free Won't'. *Westmont College's Spring 2011 research symposium.*

24. **Hochberger, W.C.** (2010). Is free will really free? An ERP examination of the unconscious nature of making conscious choices. *Westmont College's Summer 2010 research symposium.*

25. Howland, C.; **Hochberger, W.C.**; McFawn, J.; Picone, D.; Fikes, T. (2010) The social brain: Lateralized beta spectral power and coherence patterns in social rapport tasks. *Westmont College's Summer 2010 research symposium.*

26. Sheffer, A.; **Hochberger, W.;** Thomas, R.; Smith, B.; Fikes, T. (2010). Threat-evoked anxiety effects performance on working memory task: An EEG study. *Westmont College's Spring 2010 research symposium.*

27. Wilke, J.; Thomas, J.; **Hochberger, W.C.**; Smith, B.; Fikes, T. (2010). Electroencephalography and the decrease in attention with age. *Westmont College's Spring 2010 research symposium.*

TEACHING EXPERIENCE

2019 **Azusa Pacific University, School of Behavioral and Applied Sciences**
Invited lecturer, PRPS250 – Statistics and Data Analysis, "Applied Statistics in Clinical Trial Research: Enhancing Procognitive Therapeutics for Psychosis-Spectrum Disorders"

2018 **University of California San Diego, Department of Psychiatry**
Invited lecturer, "Applying to Graduate School" workshop

2014 **The Wellington School**
Invited lecturer, "Career Paths in Clinical Psychology"

2014 **Rosalind Franklin University of Medicine and Science, Department of Psychology**
Course Instructor: Statistics II, Applied Multivariate Statistics

Instructed graduate students in the multivariate statistical methods and general aspects of research design, trained students in the use of analytic software (SPSS, LISRL, M-Plus).

- Average student evaluation rating of overall course quality: 4.5 (on a 5-point scale).

2014 **Rosalind Franklin University of Medicine and Science, Department of Psychology**
Teaching Assistant: Cognitive Assessment

Instructed graduate students in psychometric theory and application to clinical assessments of general cognitive/intellectual functioning, as well as the standardized administration of the Wechsler Adult Intelligence Scale – 4th Edition.

2013 **Rosalind Franklin University of Medicine and Science, Department of Psychology**
Course Instructor: Advanced Physiology, Psychology, and Neuropsychology Seminar and Lab

Instructed graduate students in neuroanatomy and neurophysiology in both classroom-based lectures and laboratory-based brain dissection and anatomical mapping.

- Average student evaluation rating of overall course quality: 4.8 (on a 5-point scale).

RESEARCH EXPERIENCE

2011-2017 **Rosalind Franklin University of Medicine and Science, Department of Psychology**
Research Assistant
Supervisor: Scot Hill, Ph.D.

Developed EEG paradigms of working memory using the E-Prime software package. Administered neurophysiological, neuropsychological, and psychodiagnostic evaluations on healthy controls and patients with psychotic disorders. Coordinated data collection, analysis, and write up. Trained research assistants in the administration of EEG-based paradigms, and the analysis of EEG data.

2013-2015 **The University of Chicago, Department of Psychiatry, Clinical Neuroscience and Psychopharmacology Research Unit**
Research Assistant
Supervisor: Sarah Keedy, Ph.D.

Developed EEG paradigm and analysis protocols for N100, MMN, and ASSR paradigms in patients with psychosis disorders using Biosemi and Brain Electrical Source Analysis (BESA) software packages. Coordinated data analysis and preliminary write-up. Trained research assistants in the administration of EEG-based paradigms, and the analysis of EEG data.

2009-2011 **Westmont College, Department of Psychology, Behavioral Neuroscience Unit**
Research Assistant
Supervisor: Thomas Fikes, Ph.D.

Developed cognitive and social neuroscience paradigms using MATLAB for implementation in EEG research. Designed EEG analysis software and associated graphical user interface for analysis of evoked and oscillatory EEG activity. Coordinated data collection, analysis, and write-up. Trained research assistants in the administration of EEG-based paradigms, and the analysis of EEG data.

2010 **Westmont College, Department of Psychology, Social Psychology Unit**
Research Assistant
Supervisor: Christena Cleveland, Ph.D.

Analyzed psychophysiological data (primarily EKG) using BioPac software collected on healthy controls during a challenge versus threat paradigm.

SCHOLARLY ACTIVITY AND CONTRIBUTIONS TO SCIENCE

Professional Affiliations

- American Psychological Association, Society of Clinical Neuropsychology
- American Psychological Association, Society of Clinical Psychology
- California Psychological Association, Neuropsychology Division
- International Neuropsychological Society

Invited Reviewer

- Journal of the International Neuropsychological Society
- Neuropsychopharmacology
- Frontiers in Psychiatry
- Schizophrenia Research
- Psychological Medicine
- International Journal of Psychophysiology
- PLOS ONE
- Biological Psychology
- Clinical Gerontologist

Dissertation Committee Involvement

- Nelson, C. (2019). Latent Factor Structure of a Neuropsychological and Neurophysiological Battery Across Psychotic Disorders. *Rosalind Franklin University of Medicine and Science, Department of Psychology.*