

MIRANDA (NELSON) CAMPBELL

Doctoral Student • University of Illinois, Department of Psychology
1007 West Harrison Ave, M/C 285 • Chicago, IL 60607
Phone: 612.965.1678 • Email: mnelso26@uic.edu

EDUCATION

M.A., Clinical Psychology

University of Illinois at Chicago, February, 2012

Thesis: Personality Correlates of Startle Habituation:
An Examination in Three Separate Samples.

Advisor: Dr. Stewart A. Shankman, Ph.D.

B.A., Psychology

Augsburg College, Minneapolis, MN, May, 2006

B.M., Vocal Music

Advisor: Dr. Nancy Steblay, Ph.D.

PUBLICATIONS

1. Shankman, S.A., Nelson, B.D., Sarapas, C., Robison-Andrew, J.E., **Campbell, M.L.**, Altman, S.E., McGowan, S.K., Katz, A.C., & Gorka, S.M. (in press). A psychophysiological investigation of threat and reward sensitivity in individuals with panic disorder and/or major depressive disorder. *Journal of Abnormal Psychology*.
2. Shankman, S.A., **Campbell, M.L.**, Klein, D.N., Leon, A.C., Keller, M.B., Markowitz, J.C., Rothbaum, B.O., Thase, M.E., & Koscis, J.H. (in press). Dysfunctional attitudes as a moderator of pharmacotherapy and psychotherapy in chronic depression. *Journal of Psychiatric Research*.
3. Nelson, B.D., Sarapas, C., Robison-Andrew, E.J., Altman, S.E., **Campbell, M.L.**, & Shankman, S.A. (2012). Frontal brain asymmetry in depression with comorbid anxiety: A neuropsychological investigation. *Journal of Abnormal Psychology, XX, XXXX*.
4. Shankman, S.A., Robison-Andrew, E.J., Nelson, B.D., Altman, S.E., & **Campbell, M.L.** (2011). Effects of predictability of shock timing and intensity on fearful and anxious responses. *International Journal of Psychophysiology, 80*, 112-118.
5. Wozniak, J.R., Mueller, B.A., Muetzel, R.L., Bell, C.J., Hoecker, H.L., **Nelson, M.L.**, Chang, P., Lim, K.O. (2010). Inter-hemispheric functional connectivity disruption in children with prenatal alcohol exposure. *Alcoholism: Clinical and Experimental Research, 35*, 849-8611.
6. Wozniak, J.R., Muetzel, R.L., Mueller, B.A., McGee, C.L., Freerks, M.A., Ward, E.E., **Nelson, M.L.**, Chang, P., Lim, K.O. (2009) Microstructural Corpus Callosum Anomalies in Children with Prenatal Alcohol Exposure: An Extension of Previous Diffusion Tensor Imaging (DTI) Findings. *Alcoholism: Clinical and Experimental Research, 33*, 1825-1835.
7. White, T., **Nelson, M.L.**, Lim, K.O. Diffusion Tensor Imaging in Psychiatric Disorders. (2008). *Topics in Magnetic Resonance Imaging, 19*, 97-109.

MANUSCRIPTS UNDER REVIEW

1. **Campbell, M.L.**, Nelson, B.D., Sarapas, C., McGowan, S.K., Gorka, S.M., Altman, S.E., Robison-Andrew, E.J., Shankman, S.A. (submitted). Does anxiety sensitivity correlate with reductions in startle responding? An examination in three separate samples. Submitted to *Cognition and Emotion*.
2. Nelson, B.D., McGowan, S. K., Sarapas, C., Robison-Andrew, E. J., Altman, S. E., **Campbell, M. L.**, Gorka, S. M., Katz, A. C., & Shankman, S. A. (submitted). Are individual differences in threat and reward sensitivity associated with family history of psychopathology? A Research Domain Criteria perspective. *Journal of Abnormal Psychology*.

3. Gorka, S.M., McGowan, S.K., **Campbell, M.L.**, Nelson, B.D., Sarapas, C., Bishop, J.R., & Shankman, S.A. (submitted). Resting sinus arrhythmia as a predictor of startle habituation in two independent samples. *Biological Psychology*.
4. Sarapas, C., Shankman, S.A., Nelson, B.D., **Campbell, M.L.**, Bishop, J.R., Robison-Andrew, E.J., Altman, S.E., Gorka, S.M., & Katz, A.C. (submitted). Are individual differences in appetitive and defensive motivation related? A psychophysiological examination in two independent samples. *Emotion*.
5. Altman, S.E., **Campbell, M.L.**, Faust, J.P., & Shankman, S.A. The relation between symptoms of bulimia nervosa and OCD: A startle study of aversiveness sensitivity. *Journal of Abnormal Psychology*.

MANUSCRIPTS IN PREPARATION

1. **Campbell, M.L.**, Shankman, S.A., & Lamar, M. White matter differences in mood and anxiety disorders: A review.
2. Anderson, F.S., Bishop, T., Isenberg, J., **Campbell, M.L.**, Mueller, B., Perkins, J., Neglia, J.P., Lim, K.O. Frontal lobe brain damage evident on DTI of childhood leukemia survivors treated only with chemotherapy.
3. Sarapas, C., Katz, A. C., Bishop, J. R., Patel, S. R., Nelson, B. D., **Campbell, M. L.**, & Shankman, S. A. Variation in serotonin transporter gene predicts startle response to cued but not contextual threat.

CONFERENCE PRESENTATIONS

1. **Campbell, M.L.**, Sarapas, C., Nelson, B.D., Patel, S., Bishop, J., & Shankman, S.A. (September, 2012). The relationship between a polymorphism in MAOA and sustained defensive responding. Poster presented at the 26th annual meeting for the Society of Research in Psychopathology, Ann Arbor, MI.
2. Nelson, B.D., Robison-Andrew, E.J., Altman, S.E., **Campbell, M.L.**, Sarapas, C., Katz, A.C., Gorka, S.M., McGowan, S.K., & Shankman, S.A. (September, 2012). Comparing reward sensitivity vs. DSM-defined major depressive disorder on how they predict family history of psychopathology. Poster presented at the 26th annual meeting of the Society for Research in Psychopathology, Ann Arbor, MI.
3. Katz, A.C., Sarapas, C., Nelson, B.D., **Campbell, M.L.**, Gorka, S.M., Patel, S., Bishop, J.R. & Shankman, S.A. (September, 2012). The mediating effect of prefrontal asymmetry on the relationship between COMT SNP and trait consummatory positive affect. Poster presented at 52nd annual meeting of the Society for Psychophysiological Research, New Orleans, LA.
4. Nelson, B.D., Robison-Andrew, E.J., Altman, S.E., Sarapas, C., **Campbell, M.L.**, Katz, A.C., Gorka, S.M., McGowan, S.K., & Shankman, S.A. (September, 2012). Does heightened sensitivity to predictable vs. unpredictable threat index risk for panic disorder? A startle electromyography investigation. Poster presented at 52nd annual meeting of the Society for Psychophysiological Research, New Orleans, LA.
5. Gorka, S.M., Nelson, B.D., Sarapas, C., **Campbell, M.L.**, Katz, A., McGowan, S.K. & Shankman, S.A. (2012, September). Sensitivity to unpredictable threat in those with panic disorder and/or alcohol dependence. Poster presented at 52nd annual meeting of the Society for Psychophysiological Research, New Orleans, LA.
6. Sarapas, C., Bishop, J. R., Patel, S. R., Nelson, B. D., **Campbell, M. L.**, & Shankman, S. A. (September, 2012). Variation in serotonin transporter gene predicts startle response to cued but not contextual threat. Poster presented at 52nd annual meeting of the Society for Psychophysiological Research, New Orleans, LA.
7. **Campbell, M.L.**, Nelson, B.D., McGowan, S.K., Robison-Andrew, E.J., Sarapas, C., Altman, S.E., Gorka, S.M., Katz, A.C., Shankman, S.A. (September, 2011). Startle Habituation in Individuals With Depression and/or Panic Disorder. Poster presented at 25th annual meeting of the Society for Research in

Psychopathology, Boston, MA.

8. Nelson, B.D., Sarapas, C., **Campbell, M.L.**, Robison-Andrew, E.J., Altman, S.E., Katz, A.C., Gorka, S.M., McGowan, S.K., & Shankman, S.A. (September, 2011). Comparing sensitivity to unpredictable threat versus DSM defined panic disorder on how they predict family history of panic disorder. Poster presented at the 25th Annual Society for Research in Psychopathology, Boston, MA.
9. Gorka, S.M., Nelson, B.D., Sarapas, C., **Campbell, M.L.**, Robison-Andrew, E.J., Altman, S.E., & Shankman, S.A. (September, 2011). Resting heart rate variability as a predictor of startle responses to predictable and unpredictable threat. Poster presented at the 25th Annual Society for Research in Psychopathology, Boston, MA.
10. Sarapas, C., Bishop, J.R, Nelson, B.D., **Campbell, M.L.**, Robison-Andrew, E.J., Altman, S.E., Katz, A.C., Gorka, S.M., McGowan, S.K., & Shankman, S.A. (September, 2011). Indirect genetic effects on internalizing symptoms through frontal EEG asymmetry. Poster presented at the 25th annual meeting of the Society for Research in Psychopathology, Boston, MA.
11. Katz, A.C., Nelson, B.D., Robison-Andrew, E.J., Altman, S.E., **Campbell, M.L.**, Sarapas, C., Gorka, S.M., & Shankman, S.A. (September, 2011). The moderating effect of trait positive emotionality on EEG asymmetry recorded during a reward processing task. Poster presented at the 25th annual meeting of the Society for Research in Psychopathology, Boston, MA.
12. Altman, S.E., **Nelson, M.L.**, Faust, J., Shankman, S.A. (October, 2010). Understanding the comorbidity of bulimia nervosa and obsessive compulsive disorder: A startle study of aversiveness sensitivity. Poster presented at the 16th annual Eating Disorders Research Society meeting, Cambridge, MA.
13. **Nelson, M.L.**, Shankman, S.A., Nelson, B.D., Robison-Andrews, E.J., Altman, S.E., Sarapas, C. (October, 2010). Personality correlates of startle habituation: An examination in three separate samples. Poster presented at the 24th Annual Society for Research in Psychopathology, Seattle, WA.
14. Nelson, B.D., Shankman, S.A., Sarapas, C., **Nelson, M.L.**, Altman, S.E., & Robison-Andrew, E.J. (October, 2010). Are distinctive symptoms of anxiety and depression related to emotional responding while anticipating predictable vs. unpredictable threat? Poster presented at the 24th Annual Society for Research in Psychopathology, Seattle, WA.
15. Wozniak, J.R., Freerks, M.A., Mueller, B.A., Muetzel, R.L., Chang, P. -N., Ward, E., **Nelson, M.L.**, Lim, K.O. (April, 2008). Executive Functioning Correlates of Frontal White Matter Deficits in Children with Fetal Alcohol Spectrum Disorders. Presented at the International Neuropsychological Society meeting, Waikoloa, HI.

CLINICAL EXPERIENCE

2012 - present

Adult Neuropsychology Practicum

University of Illinois at Chicago, Department of Psychiatry, Neuropsychological Services

Provided neuropsychological assessment services to adults referred for evaluation due to a wide range of conditions, including dementia, neurodegenerative disease, cerebrovascular injury, traumatic brain injury, and psychological disorders. Each evaluation involved selecting and administering psychological tests, interpreting test data, preparing reports, and providing feedback to patients and their families.

Supervisor: Dr. Neil Pliskin, Ph.D., ABPP-CN

2010 - present

Psychotherapy Practicum

University of Illinois at Chicago, Office of Applied Psychological Services

Provided empirically-supported psychological treatments to individuals seeking treatment for a variety of psychological disorders, including major depression, obsessive-compulsive disorder, borderline personality disorder, generalized anxiety disorder, and post-traumatic stress disorder. Treatments included exposure-response prevention (ERP), dialectical behavior therapy (DBT), and cognitive behavioral therapy (CBT).

Supervisors: Dr. Gloria Balague, Ph.D. and Dr. Nancy Dasso, Ph.D.

2011- 2012

Group Psychotherapy Clinician

University of Illinois at Chicago Medical Center, Department of Psychiatry

Independently provided group and individual psychotherapy services to psychiatric inpatients. Therapy sessions emphasized cognitive behavioral therapy techniques and psychoeducation. Patients all had current severe mental illness (i.e., major depression, panic disorder, schizophrenia, bipolar disorder). Groups ranged in size from 1 to 10 patients.

Supervisor: Dr. Stewart Shankman, Ph.D.

2011- 2012

Psychological Assessment Practicum

University of Illinois at Chicago, Office of Applied Psychological Services

Provided psychological assessment services to adults and adolescents referred for language and reading disabilities, mathematical disabilities, attentional problems, and memory difficulties. Evaluations included administration of intelligence and achievement batteries as well as neuropsychological tests.

Supervisor: Dr. Audrey Ruderman, Ph.D.

RESEARCH EXPERIENCE

2009 - present

Graduate Research Assistant

University of Illinois at Chicago, Department of Psychology

Conducted experiments as part of Dr. Stewart Shankman's Chicago Lab of Emotion and Physiology. Used methods such as electroencephalography (EEG), electromyography (EMG), heart rate variability, and magnetic resonance imaging. Conducted diagnostic interviews (SCID's) with study participants, including individuals from both clinical and non-clinical populations. Administered neuropsychological testing procedures to participants. Processed and analyzed psychophysiological data. Assisted in the preparation of research posters and publications.

Supervisor: Dr. Stewart Shankman

2007 - 2009

Junior Scientist

University of Minnesota Medical School, Center for Magnetic Resonance Research, Minneapolis, MN

Independently ran MRI scans on a variety of clinical populations for research purposes. Processed data using software such as FreeSurfer and FSL, checked the quality of the data, and conducted statistical analyses using SPSS and TBSS. Attended weekly lab meetings, and assisted in the preparation of manuscripts and posters.

Supervisor: Dr. Kelvin Lim

TEACHING EXPERIENCE

2009 - present

Teaching Assistant

University of Illinois at Chicago, Department of Psychology

Assisted in the instruction of a variety of courses, including Introduction to Psychology, Personality Psychology, Abnormal Psychology, and Statistics. Provided support to instructors by working one-on-one with students to

ensure their competence with material, grading assignments, leading discussion sections, and lecturing. Also supervised over 20 independent research projects for advanced undergraduate psychology majors.

AWARDS/ACHIEVEMENTS

2012	Inducted as a representative for the Society for Research in Psychology Associate Member Committee
2009 - 2012	UIC Travel Award
2006	Graduated Cum Laude, Augsburg College
2006	Received Departmental Honors in Psychology from Augsburg College
2005	Inducted as a member of Psi Chi, The National Honor Society in Psychology

SKILLS

- Extensively trained in evidence-based psychotherapeutic assessments and interventions
- Experience participating in all stages of the research process: study design/preparation, collecting/analyzing data, preparing reports, and presenting results
- Experience and training conducting longitudinal data analyses (*i.e.*, multi-level modeling, hierarchical linear modeling, random coefficients modeling)
- Proficient in conducting data analysis with SPSS and SAS
- Experience working under Linux, Windows, and Macintosh platforms
- Knowledgeable of various software packages used in data analysis of EEG, EMG, fMRI, MRI, and DTI brain imaging data, including FSL, Freesurfer, and Neuroscan
- Trained in comprehensive neuropsychological assessment for adult populations