**Curriculum Vitae**

John F. Shelley-Tremblay

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# **EDUCATION**

**City University of New York*.***(CUNY).NY, NY. 2003

Cognitive Neuroscience, *Ph.D.*

**New School for Social Research, Graduate Faculty.**(NS). NY, NY. 1998

*Research Masters Program*. General Psychology. *M.A.*

**Colorado State University.** (CSU). Fort Collins, Colorado. 1995

*University Honor Scholar*. **Cum Laude**. Psychology. *B.S.*

**S.U.N.Y. at Stony Brook.** Stony Brook, NY. 1993

Honors. National Student Exchange Program..

# **PROFESSIONAL APPOINTMENTS**

*Assistant Director.* **University Honors Program**

University of South Alabama. 2011-Present

*Professor* **Psychology** 2014-Present

*Associate Professor.* **Psychology**

 University of South Alabama. 2009- 2014

*Adjunct Professor.* **Neurology**

 University of South Alabama. 2012- Present

*Adjunct Professor* **Speech Pathology and Audiology.**

University of South Alabama. 2006- 2008

*Adjunct Professor*. **Psychology**

City College of New York. 1999-2002

## **ADDITIONAL TRAINING**

Neuroimaging: from image to inference. Dr. C. Rorden. Auburn University. 2010

Helsinki Cognitive Neuroscience Institute**.** fMRI and Cognitve Neuroscience. 2000

## **PROFESSIONAL AFFILIATIONS**

American Psychological Society. 1998- Present

Southeastern Psychological Association. 2002- Present

American Psychological Association. 2000- 2006

Cognitive Neuroscience Society. 1998-2000

Society for Psychophysiological Research. 2006- 2010

#### RESEARCH PROJECTS: FUNDED

**Remediating Reading to Prevent Recidivism**. 2003-2007

 Principal Investigator. Co-principal Investigator, Jennifer Langhinrichsen-Rohling, Ph.D. Randomized experimental investigation of the effectiveness of a visual attention-based

 remediation on visual, educational, psycho-emotional, and attention skills in incarcerated

 teens.

 Department of Justice: Office of Juvenile Justice and Delinquency Prevention. Grant No. 2001-SI-FX-0006 for $139,733 Funded.

**Instituting a Community Reading Outreach Program for Adults with Disabilities.** 2005- 2006

 Co-investigator with Carolyn Douglas and Jeff Ridgeway, Literacy Coalition of South Alabama.

 A preliminary study of the effect of attention and occulomotor efficiency training on the fluency and comprehension abilities of adults with disabilities in community settings.

 Dollar General grant for $12,500.

**The Effect of Fluency Training on Reading Comprehension.** 2005**-** Present

 Principal Investigator.

 National evaluation of effectiveness of the Reading Plus software package on comprehension, vocabulary, and visual functioning in normal and disabled students and adult learners.

Taylor Associates, Inc. Grant N0. 5-22878 for $16,000

**A New Method for the Psychophysiological Detection of Malingering on a Neuropsychological Task**. 2004-

 Principal Investigator. Co-Investigator, Martin Rohling, Ph.D.

 An ERP study to determine the ability of subject-averaged and single trial P300 data to discriminate between malingering patients, normal controls, and normal malingerers.

 University of South Alabama Research Council. Grant No. 3-61601 for $4,880

**An Electrophysiological Investigation of Attentional Cuing in the Stroop Effect**. 2003- 2007.

 Principal Investigator. Co-Investigator, Mark Faust, Ph.D.

 An ERP study of the effect of spatial and color cuing on the Stroop Effect.

 University of South Alabama Research Council. Grant No. 3-61617 for $4,768

#### RESEARCH GRANTS: UNDER REVIEW AND DEVELOPMENT

**Angle-Induced Visual Push Affects Postural Stability: Developing a Marker System to Improve Patient Safety.** P.I. with Dr. Alen Hynal, University of Southern Mississippi.

Individuals consistently overestimate the slope of ramps in near visual space, and this effect has been found to adversely affect balance. We explore the effects of perceived angle versus actual angle of slope on participants Center of Balance and their Postural Stability using force plates and a VICON motion capture system.

**Investigation of Causal Factors Leading to “Black Hole” Landing Approaches.**

P.I. with Dr. Frederick Patterson. The project investigates the physiological and spatial illusions that are contributed to mishaps experienced with regards to the black-hole phenomenon. This is the first project in the newly-established University of South Alabama Aeromedical Research Laboratory.

#### RESEARCH GRANTS: DECLINED

**Inspiring Innovative Habits of Mind: STEM Learning Circles 16 to Expert.** Letter of Intent submitted

 Julie Cwikla, PhD, Michael Doran, PhD, & Jack Shelley-Tremblay, PhD.

The theme “STEM SAFE: Securing America’s Facilities for Education” will shape the task and guide investigation and development.

\*LOI ID: \* L02383736\*LOI Title: \* Inspiring Innovative Habits of Mind: STEM

 Learning Circles 16 to Expert\*Name: \* Julie Cwikla \*LOI Submission

 Date: \*3/27/13. $1,200,000.

**Impact of Physical Therapy Intervention and Psychological Education on Functional Ability, Emotional Wellbeing and Quality of Life in Breast Cancer Survivors.**

 Dr. Coral Gubler PhD, PT, ATC, PI, Assistant Professor of Physical Therapy

 Dr. Jean Irion EdD, PT, SCS, ATC, Co-PI, Associate Professor of Physical Therapy

 Ellen Buckner DSN, RN, CNE, Co-I, Professor of Nursing

 Elise Labbe’-Coldsmith, PhD, Co-I Professor of Psychology

 Jack Shelley-Tremblay, PhD, Associate Professor of Psychology

 Diane Clark, PT, DScPT, MBA, Assistant Professor and Associate Program Director,

Lynn Dyess, MD, Department of Surgery

 The purpose of this proposal is to provide funding for a proof of concept project to investigate best practices for holistic care of women undergoing treatment for breast cancer to improve their functional ability, emotional wellbeing, and quality of life. Letter of Intent Submitted 4/8/2013.

 Mitchel Cancer Institute. $60,000. Declined.

**10072-12 - P.A.T.E.N.T.S Program**. National Collegiate Inventors and Innovators Alliance. Program for Advanced Training of Entrepreneurs in New Technologies for Students. John Shelley-Tremblay. Michael Doran. University of South Alabama Honors Program. K. Mark Weaver – Melton Center for Entrepreneurship and Innovation. The University of South Alabama proposed P.A.T.E.N.T.S as an inter-disciplinary, university-wide innovation program to be housed within the Honors Program.

$63,000. Declined February. 2013. Resubmitted May 2013.

**Audiovisual Speech and Affect: Behavioral and Neurophysiological Investigations of how Emotional Expression Affects Communication.** NSF Proposal No. 172750234.

 Co-principal Investigator with Michael Gordon, Ph.D.

 Project to investigate the dynamic interplay between three important research domains: audiovisual speech perception, face perception, and affective neuroscience. Amount $373,000. Declined.

**University of South Alabama Imaging Institute : Recovery Act NIST Construction Grant**.

 One of 6 Research Team Leaders for University-wide proposal. Team Area: Vision.

 The University of South Alabama (USA) requested federal funding in the amount of $11,275,000 to house the scientific and graduate student programs of the University Imaging Institute (UII) in a new 38,035 sq. ft. facility called Image X.

 Amount Requested: $11,275,000. Declined. Re-submitted.

**Culturally and Linguistically Relevant Teen Dating Violence Prevention Program for At-Risk Adolescent Males.** 2009.

P.I. Dr. Jennifer Langhinrichsen-Rohling. Co-PI with Dr. James Stefurak.

This application addressed broad challenge area (09): Health Disparities and specific Challenge Topic, 09-MD-103: Initiating Innovative Interventions to Prevent Family Violence. Amount $855,159. Declined.

**Creativity, Cognition, and Narrative in Computer Science.** 2008, 2009.

 Co-principal Investigator with Robert Coleman, Ph.D.. Principal Investigator Michael Doran.

 The grant proposed to establish an interdisciplinary course to expand and foster creative thinking and problem solving using robotics technology and instruction in salient aspects from the creativity and problem solving literature. NSF Proposal No. 0856036. Requested Amount $513,039. Declined. Resubmitted FA 09.

**A Randomized Controlled Study of the Effects of Mindfulness Meditation on Cardiac Rehabilitation Patient Health Outcomes in Minority Patients and Controls.**

P.I. with Dr. Elise Labbe-Coldsmith. Co-PI Dr. Barney Beaver.

Determine the relative efficacy of Mindfulness Meditation for improving psychological well-being in minority and control cardiac rehabilitation patients, as quantified by survey and interview methodologies, as well as quantified by peripheral physiological measurements.

Amount Requested: $30,000. USA Center for Healthy Communities. Declined.

**Robotics Center for Situational Awareness.** PI Dr. Robert Doran. Co-principal Investigator.

This project would establish a Robotic Research Center of Excellence tofoster interdisciplinary research between the School of CIS, the College of Engineering and the Department of Psychology in the College of Arts and Sciences. Amount Requested: $1,500,000. Declined.

## **PUBLICATIONS : Books, *Papers and Chapters, Abstracts***

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| Womble, M., Labbe, E.E., Shelley-Tremblay, J.F., & Norrell, P.M. (2014) Regular exercise adoption: Psychosocial factors influencing college students. *Journal of Sport Behavior, 37*(2), 203 - 219.Deacon, D., Shelley-Tremblay, J. F., & Ritter, W. (2013). Electrophysiological evidence for the action of a center-surround mechanism on semantic processing in the left hemisphere. *Frontiers in Cognitive Science*, *4*, 936. doi:10.3389/fpsyg.2013.00936Ernst, A., & Shelley-Tremblay, J. (2013). Non-Ketogenic, Low Carbohydrate Diet Predicts Lower Affective Distress, Higher Energy Levels and Decreased Fibromyalgia Symptoms in Middle-Aged Females with Fibromyalgia Syndrome as Compared to the Western Pattern Diet. *Journal of Musculoskeletal Pain*, *21*(4), 365–370. doi:10.3109/10582452.2013.852649Hajnal, A., Rumble, D., Shelley-Tremblay, J. F., & Liu, W. (2013). Postural Sway is Affected by Visually Perceived Geographical Slant. *Journal of Vision*, *13*(9), 211–211.Shelley-Tremblay, J., Langhinrichsen-Rohling, J., & Eyer, J. (2012). Attention therapy improves reading comprehension in adjudicated teens in a residential facility. *Journal of Correctional Education*, *63*(2), 49–67.Deichert, N., & Shelley-Tremblay, J.F. (2012) R You Ready? An interactive guidebook for the R statistical package. Great River Technologies press, Dubuque, IAShelley-Tremblay, J. (2011a). Theories of Semantic Processing. In Guendouzi, J., Loncke, F., & Williams, M. J. (Eds.) *The Handbook of Psycholinguistic and Cognitive Processes: Perspectives in Communication Disorders* (p. 209). Taylor & Francis US. Shelley-Tremblay, J. (2011b). Breakdown of semantics in aphasia and Alzheimer's dementia: A role for attention?. In Guendouzi, J., Loncke, F., & Williams, M. J. (Eds.) *The Handbook of Psycholinguistic and Cognitive Processes: Perspectives in Communication Disorders* (p. 209). Taylor & Francis US. Reidy, D. E., Shelley-Tremblay, J. F., & Lilienfeld, S. O. (2011). Psychopathy, reactive aggression, and precarious proclamations: A review of behavioral, cognitive, and biological research. *Aggression and Violent Behavior*, *16*(6), 512–524.Shelley-Tremblay, J., Syklawer, S., & Ramkissoon, I. (2011). The effects of magno-parvocellular integration training on fluency and visual evoked potentials in poor readers. *Journal of Behavioral Optometry*, *22*(2), 31–37. |
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| Ernst, A., Shelley-Tremblay, J.F. (2009) Fibromyalgia Syndrome and Carbohydrates. Springer - Verlad, VDM. Berlin.Shelley-Tremblay, J., Ernst, A., & Kline, J. P. (2009). The effects of sucrose consumption on left-frontal asymmetry and anger in persons with fibromyalgia syndrome. *Journal of Musculoskeletal Pain*, *17*(4), 334–349. |
| Shelley-Tremblay, J., & Eyer, J. (2009). Effect of the Reading Plus Program on reading skills in second graders. *Journal of Behavioral Optometry*, *20*(3), 59–66. |
| O’Brien, N., Langhinrichsen-Rohling, J., & Shelley-Tremblay, J. (2007). Reading problems, attentional deficits, and current mental health status in adjudicated adolescent males. *Journal of Correctional Education*, 293–315. |
| Shelley-Tremblay, J., O’Brien, N., & Langhinrichsen-Rohling, J. (2007). Reading disability in adjudicated youth: prevalence rates, current models, traditional and innovative treatments. *Aggression and Violent Behavior*, *12*(3), 376–392.Solan, H. A., Shelley-Tremblay, J. F., Hansen, P. C., & Larson, S. (2007). Is there a common linkage among reading comprehension, visual attention, and magnocellular processing? *Journal of learning disabilities*, *40*(3), 270–278. |
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| Solan, H. A., Shelley-Tremblay, J., Ficarra, A., Silverman, M., & Larson, S. (2003). Effect of attention therapy on reading comprehension. *Journal of learning disabilities*, *36*(6), 556–563.Solan, H. A., Shelley-Tremblay, J., Hansen, P. C., Silverman, M. E., Larsone, S., & Ficarra, A. (2004). M-cell deficit and reading disability: a preliminary study of the effects of temporal vision-processing therapy. *Optometry-Journal of the American Optometric Association*, *75*(10), 640–650. |
| Solan, H. A., Hansen, P. C., Shelley-Tremblay, J., & Ficarra, A. (2003). Coherent motion threshold measurements for M-cell deficit differ for above-and below-average readers. *Optometry (St. Louis, Mo.)*, *74*(11), 727–734. |
| Solan, H. A., Larson, S., Shelley-Tremblay, J., Ficarra, A., & Silverman, M. (2001). Role of visual attention in cognitive control of oculomotor readiness in students with reading disabilities. *Journal of Learning Disabilities*, *34*(2), 107–118.Deacon, D., & Shelley-Tremblay, J. (2000). How automatically is meaning accessed: a review of the effects of attention on semantic processing. *Frontiers in Bioscience*, *5*(Part E), 82–94. |
| Shelley-Tremblay, J., & Mack, A. (1999). Metacontrast masking and attention. *Psychological Science*, *10*(6), 508–515.Shelley-Tremblay, J. F., & Rosén, L. A. (1996). Attention deficit hyperactivity disorder: An evolutionary perspective. *The Journal of Genetic Psychology*, *157*(4), 443–453. |

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### **Papers UNDER REVIEW**

Bell, T., Shelley-Tremblay, J.F., & Christensen, L. (Under review) Explaining Fibrofog: Carbohydrate Cravings Explain More than Pain and Negative Mood Alone in Fibromyalgia Syndrome. *Journal of Musculoskeletal Pain.*

Hynal, A., Rumble, D., Shelley-Tremblay, J., & Liu, W. (Under review). Postural Sway is Affected by Visually Perceived Geographical Slant. *Ecological Psychology.*

Shelley-Tremblay, Labbe, E., &, Jones, P. (Under review) Psychophysiological Investigation of the Effect of Skill Level and Social Inhibition on Simulated Handgun Shooting Performance. *Journal of Sport Behavior.*

Tannen, B., Desmond , A., Shelley-Tremblay, J.F., Ciuffreda, K.J., Larson, S. (Revisions Requested: *Optometry and Vision Science*) Correlation of Visual Motion Sensitivity Test with Pseudoword Decoding, and Reading Speed, Accuracy, and Fluency, in Children.

### Papers IN PREPARATION

Tannen, B., Tannen, N., Shelley-Tremblay, J., & Ciuffreda, K.J. (In preparation) Objective Measurements of Reading Eye Movements Efficiency Improve in Children Following Vision Therapy: A Retrospective Analysis.

Shelley-Tremblay, J.F., & Yates, M. (in preparation) The N400 Event-related Potential Reveals the Facilitatory Role of Phonology in Both Neighborhood Density and Spread.

Shelley-Tremblay, J.F., Faust, M., & Eyer, J.C. (in preparation) The Effect of Spatial and Color Cuing on the Magnitude of the Stroop Effect: Behavioral and ERP Evidence. To be submitted to *Cognitive Brain Reseach*.

Shelley-Tremblay, Hill, B.D., J.F., Eyer, J.C., & Rohling, M.L. (in preparation) The Use of Event-Related Potentials and Neuropsychological Test Performance to Identify Simulated Malingerers.

#### PRESENTATIONS

Broach, E., Millner, V., Shelley-Tremblay, J.F. & Norrel, P. (2014) Daily Flow State and Math Performance during an Early Entrance Exercise and Math Program for Underskilled First-Time College Freshmen. World Leisure Congress, Mobile, AL.

Doran, M.V. & Shelley-Tremblay, J.F. (2014) Honors Seminar to Support Research Objective Also Builds Community. Presented at the 2014 Annual Conference, National Collegiate Honors Council, Denver, CO.

Shelley-Tremblay, J.F., Doran, M.V., Spector, M., & Hamilton, M. (2014) Senior Thesis Seminar: Bridging the Gaps Among Student, Program, and Mentor. Presented at the 2014 Annual Conference, National Collegiate Honors Council, Denver, CO.

Shelley-Tremblay, J.F., & Bell, T. (2014) Carbohydrates Uniquely Predict Cognitive Impairment in Fibromyalgia. Presented at the 2014 Annual Conference, National Collegiate Honors Council, Denver, CO.

Shelley-Tremblay, J.F., Nowlin, D., & Stein, W. (2014) “Black-Hole” Landing Approaches Cause Novice Pilots to Land Early in Simulated Flight. 44th Annual Meeting of the Southeastern Psychological Association. Nashville, TN.

Shelley-Tremblay, J.F., & Bell, T. (2014) Carbohydrate Cravings Uniquely Predict Cognitive Impairment in Fibromyalgia. 44th Annual Meeting of the Southeastern Psychological Association. Nashville, TN.

Rumble, D., Shelley-Tremblay, J.F., Hajnal, A. (2014) Proprioception of angle-induced visual push affects postural stability: Ninety is the new zero. Invited symposium on Embodied Cognition, J.S. Tremblay, Chair. 44th Annual Meeting of the Southeastern Psychological Association. Nashville, TN.

Shelley-Tremblay, J., Trout, S., & Doran, M. (2013). Battleship as text: war and memory at the U.S.S. Alabama memorial park. Presented at the 2013 Annual Conference, National Collegiate Honors Council, New Orleans, LA.

Hynal, A., Rumble, D., Shelley-Tremblay, J., & Liu, W. (2013). Postural sway is affected by visually perceived geographical slant. 2013 National Vision Sciences Symposium Annual Meeting in Naples, Florida.

Shelley-Tremblay, J.F., Doran, M., & Young, T. (2013) Capturing the intention to move: testing a brain-computer interface using the lateralized readiness potential. Paper presented at the 43rd Annual Meeting of the Southeastern Psychological Association, Atlanta, GA.

Ernst, A., Shelley-Tremblay, J.F. (2013) Low carbohydrate diet predicts lower self-reported affective distress and higher energy levels in healthy middle-aged females. Paper presented at the 43rd Annual Meeting of the Southeastern Psychological Association, Atlanta, GA.

Millner, V., Shelley-Tremblay, J.F., Broach, E., Norrel, P., Williams, N., Kovaleski, J. E. (2012) Stretch for Success Early Entrance Program for underskilled first-time freshmen. Paper presented at the National Symposium on Student Retention, New Orleans, LA.

Shelley-Tremblay, J.F., Fambro, C., & Reidy, D. (2012) An eeg investigation of frontal resting asymmetry and psychopathy traits. Paper presented at the 42nd Annual Meeting of the Southeastern Psychological Association, New Orleans, LA.

Wilson, K., Labbe’, E., Womble, M., Chavers, D., McMahon, G., & Shelley-Tremblay, J.F. (2012) Resilience and health characteristics in the Hispanic population. Poster presented at the 42nd Annual Meeting of the Southeastern Psychological Association, New Orleans, LA.

Tannen, B., Bartal, A., Shelley-Tremblay, J.F., Ciuffreda, K.J., & Larson, S. (2011) Correlation of reading fluency with visual motion sensitivity tests, reading rate, and pseudoword decoding. Paper presented at the 41st Annual Meeting of the College of Optometrists in Vision Development, Las Vegas, NV.

Doran, M., Shelley-Tremblay, J. F., Coleman, R., and Maclaughlin, R. (2011) Enhanced creativity and problem solving: an interdisciplinary approach. Paper presented at the Annual Meeting of the Association of History, Literature, Science and Technology, Houston, TX.

Womble, M. N., Labbé, E., Shelley-Tremblay, J.F., & Norrel, P. M. (2011) Regular exercise adoption: Evaluating psychosocial factors influencing college students. Poster to be presented at the 2011 Annual Convention of the American Psychological Association, Washington, D.C.

Shelley-Tremblay, J.F, Murphree, T., Glusman, M., & Deacon, D. N400 reveals operation of attentional center-surround mechanism in vocabulary acquisition. Paper presented at the 41st Annual Meeting of the Southeastern Psychological Association, Jacksonville, FL.

Shelley-Tremblay, J.F, Syklawer, S., & Ramkissoon, I. (2010) Visual evoked potential evidence that magno-parvocellular integration training causes neural reorganization in reading disabled children. Paper presented at the 40th Annual Meeting of the College of Optometrists in Vision Development, San Juan, Puerto Rico.

Shelley-Tremblay, J.F, Syklawer, S., Betbeze, J.G., Hoadley, R, & Mininger, L. (2010) Magno‑parvocellular integration training improves motion sensitivity in reading disabled children. Paper presented at the 40th Annual Meeting of the Southeastern Psychological Association. Chattanooga, TN. Nominated, SEPA Outstanding Professional Paper Award.

Shelley-Tremblay, J.F, Selwyn, C., Reidy, D., Langham, J., Betbeze, J.G., & Collier, H.. (2010) ERP response to emotion words modulated by psychopathy traits. Poster presented at the 40th Annual Meeting of the Southeastern Psychological Association. Chattanooga, TN.

Shelley-Tremblay, J.F, Rohling, M., Baghaei, S., & Murphree, T. (2010) P300 attenuation in simulated malingering on a WMT analogue. Poster presented at the 40th Annual Meeting of the Southeastern Psychological Association. Chattanooga, TN.

Shelley-Tremblay, J. (2009) Event-related potentials index aspects of attention: A cognitive neuroscience perspective. 2nd Annual Interdisciplinary conference on Perception, Action, and Consciousness. University of South Alabama.

Shelley-Tremblay, J.F, Eyer, J.C., & .Rohling, M. (2009) The use of event-related potentials and neuropsychological test performance to identify simulated malingerers. Paper presented at the 39th Annual Meeting of the Southeastern Psychological Association. New Orleans, LA.

Brasfield, H., Langhinrichsen-Rohling, J., & Shelley-Tremblay, J.F. (2009) Effect of attention training on adjudicated youths’ locus of control. Poster presented at the 39th Annual Meeting of the Southeastern Psychological Association. New Orleans, LA.

Shelley-Tremblay, J.F. Ameliorating reading problems in residential juvenile offenders. Presentation at the 34th National Conference on Juvenile Justice. San Diego, California. March 4-7, 2007

Solan, H.A., Shelley-Tremblay, J.F., Larson, S., & Maze, D. (2007) Is there a common linkage among reading comprehension, visual attention, and magnocellular processing? Presentation at the American Academy of Optometry meeting, October 24-27, Tampa, FL.

Shelley-Tremblay, J.F., Ernst, A., & Kline, J. (2006) Relative left-frontal activation correlates with anger, not depression, in persons with Fibromyalgia Syndrome. Paper presented at the 46th Annual International Meeting of the Society for Psychophysiological Research, Vancouver, B.C.

Eyer, J.C., Moore, J.C., Langhinrichsen-Rohling, J., & Shelley-Tremblay, J.F. (2006) Reading proficiency, adhd, & depression as predictors of delinquent behavior for incarcerated youth. Poster presented at the 36th Annual Meeting of the Southeastern Psychological Association. Atlanta, GA.

Shelley-Tremblay, J.F., Shugrue, J.D., & Kline, J. (2005) Changes in EEG laterality index the effect of anxiety on putting. Poster presented at the 35th Annual Meeting of the Southeastern Psychological Association. Nashville, TN.

O’Brien, N., Langhinrichsen-Rohling, J., & Shelley-Tremblay, J.F. (2005) Reading problems and attention-deficit disorder in adjudicated adolescent males. Paper presented at the 35th Annual Meeting of the Southeastern Psychological Association. Nashville, TN. Nominated, SEPA Outstanding Graduate Student Paper Award.

Ernst, A.E., & Shelley-Tremblay, J.F. (2005) Effects of a sucrose meal on electroencephalogram and mood self-report measures in patients with fibromyalgia and healthy controls. Poster presented at the USA Research Forum. Mobile, AL.

Shelley-Tremblay, J.F., & Faust, M. (2004) An electrophysiological investigation of attentional cuing in the Stroop task. Paper presented at the 34th Annual Meeting of the Southeastern Psychological Association. Atlanta, GA. Nominated, SEPA Outstanding Paper Award.

Shelley-Tremblay, J.F., Solan, H., and Langhinrichsen-Rohling, J. (2004) The effect of visual attention training on reading ability, magnocellular function, attentional abilities, and psycho-social adjustment in a population of incarcerated juvenile offenders: Preliminary findings. Poster presented at the 34th Annual Meeting of the College of Optometrists in Vision Development. Cancun, Mexico.

Solan, H., Shelley-Tremblay, J.F., Larson, S., Loopiker, K., & Ficarra, A. (2003) M-Cell deficit and reading disability: A preliminary study on the effects of temporal visual therapy. Paper presented at the 33rd Annual Meeting of the College of Optometrists in Vision Development. Phoenix, AZ.

Rohling, M. L., Faust, M. E., Beverly, B., Blanton, H., Shelley-Tremblay, J. (2003) Meta-analytic review of cicerone et al. (2000): Evidence based cognitive rehabilitation. Presented at the Annual meeting of the American Psychological Association. Toronto, Ontario, Canada.

Solan, H.A., Shelley-Tremblay, J.F., Larson, S., & Silverman, M. (2002) Effect of visual attention therapy on reading comprehension. Paper presented at the 32nd Annual Meeting of the College of Optometrists in Vision Development. Ft. Lauderdale, Fla.

Solan, H.A., Shelley-Tremblay, J.F., & Larson, S. (2001) Selective and sustained attention therapy has a positive effect on reading comprehension. College of Optometrists in Vision Development International Meeting. St. Louis, MO.

Solan, H.A., Shelley-Tremblay, J.F., & Larson, S. (2001) Attentional therapy as remediation for reading disability in children. American Academy of Optometry: International Meeting. Philadelphia, PA.

Solan, H.A., Larson, S., Shelley-Tremblay, J.F., & Silverman, M. (1999) Visual attention and occulomotor readiness. Presented at the Annual Meeting of the American Academy of Research in Vision and Optometry.

John Shelley-Tremblay & A. Mack. (1997) The effects of meaning on metacontrast masking. Presented at the Annual meeting of the Psychonomics Society.

# **COURSES TAUGHT**

Introduction to Psychology (120): University of South Alabama

Research design and Analysis I (220): University of South Alabama

Research Design and Analysis II (320): University of South Alabama

History and Systems of Psychology (412): University of South Alabama

Cognitive Psychology (416): University of South Alabama

Creativity, Problem Solving and Narrative (Honors 490): University of South Alabama

Advanced Physiological Psychology (510): University of South Alabama

# Experimental Psychology (321): City College of New York

# **THESES CHAIRED**

**Undergraduate Honors Theses (University Honors Program)**

Sander, J. (In Progress) Psychological Stress Affects static postural stability on three functional tasks. University of South Alabama Honors Program.

Bell, T. (2014) An analysis of the relationship between self-reported diet, mood, and cognition in persons with Fibromyalgia and normal controls. University of South Alabama Honors Program.

Jadhav, A. (2013) The effect of an acute stressor on postural stability. University of South Alabama Honors Program.

Murphree, T. (2009) An ERP Investigation of A Center-surround Attention Mechanism on the Acquisition of New Vocabulary. University of South Alabama Honors Program.

Bagheui, S. (2009) The P300 Indexes Correct-incorrect Response Descrepancies in a Novel Malingering Paradigm. University of South Alabama Honors Program.

Syklawer, S. (2009) Visual P170 as Reveals Neural Reorganization in Poor Readers as a Function of Magno-parvocellular Integration Therapy. University of South Alabama Honors Program.

Manley, A. (2008) Visual Evoked-potentials Reveal the Effect of Attention Training on Visual Processing in College-aged Poor Readers. University of South Alabama Honors Program.

Bradsell, J. (2008) The Effect of Varying Participant Motivation on Classification Accuracy in an ERP-based Brain-Computer Interface. University of South Alabama Honors Program.

Shugrue, J.D. (2005) An EEG Investigation of Hemispheric Differences in The Effect of Group Pressure of Golf Performance. University of South Alabama Honors Program.

**Master’s Theses**

Andrews, J. (In progress) Inhibition of Newly Learned Non-Words Relative to Existing Semantic Networks: How Dynamic is the Center-Surround Mechanism? Department of Psychology, University of South Alabama.

Hendricks, L. (In progress) Electroencephalogram (EEG) Reveals Differences in Approach Motivation for Highly Narcissistic Individuals. Department of Psychology, University of South Alabama.

Jones, P. (2012) A Psychophysiological Investigation of the Effect of Social Inhibition and Skill Level on Handgun Shooting Performance. Department of Psychology, University of South Alabama.

Bauman, S. (2011Audiovisual Integration and Emotion Processing in Individuals with Autism Spectrum Disorders. Department of Psychology, University of South Alabama.

Eyer, J. (2006) The Use of Event-Related Potentials and Neuropsychological Test Performance to Identify Simulated Malingerers. Department of Psychology, University of South Alabama.

Ernst, A. (2005) Effects of a Sucrose Meal on Electroencephalogram and Mood Self-Report Measures in Patients with Fibromyalgia and Healthy Controls. Department of Psychology, University of South Alabama.

# **THESIS COMMITTEE MEMBER**

**Master’s Theses**

Turner, Jamie. (2011) Phonological Neighborhood Effects on Pseudohomophone Naming. Department of Psychology, University of South Alabama.

Brannon, C. (2010) A comparison of Internal Validity Between the Word Memory Test and Myers Validity Checks. Department of Psychology, University of South Alabama.

Womble, M. (2010) Evaluating Factors That Influence Regular Exercise Routines in College Students. Department of Psychology, University of South Alabama.

Boutwell, J. (2010) Narcissism and Aggression: The Mediating Effect of Negative Affect Under Conditions of Implicit and Explicit Ego-Threat.

Zimlich, R. (2008) Effect of a Rhythmic Video Game on Measures of Cognitive Processing Speed. Department of Psychology, University of South Alabama.

Ploetz, D. (2007) Age of acquisition and imageability: Effects on word recognition and reading. Department of Psychology, University of South Alabama.

Young, T. (2006) ERP-Based Brain Machine Interface for Controlling a Mobile Agent. Department of Computer and Information Systems, University of South Alabama.

Wright, B. (In progress) Autonomous Agents Using Multiple Learning Approaches: Intelligent Coaching in the RoboCup Environment.

O’Brien, N. (2004) Associations Among Dyslexia, Attention-Deficit Hyperactivity Disorder, and Current Mental Health Status in a Population of Delinquent Adolescent Males. Department of Psychology, University of South Alabama.

Henderson, A.M. (2004) Deficits in the Perception of Sarcasm in Older Adults. Department of Speech Pathology and Audiology, University of South Alabama.

Saito, M. (2003) Influence of cultural background on attitudes toward suicide and suicide prone behavior. Department of Psychology, University of South Alabama.

Shaw, S.M. (2003) Comparing non-native listeners, native listeners, and macaques on the hindi dental-retroflex speech contrast. Department of Psychology, University of South Alabama.

**Doctoral Dissertations**

Shennessy, J. (2013) Physiological and Behavioral Effects of a Mindfulness Intervention on the Coping Response to a Stressful Situation. E. Labbe, Chair. University of South Alabama. Department of Psychology.

Escurieux, B. (2013) Concurrent and Discriminant Validity of Mindfulness Measures in a Mindfulness Intervention Study. E. Labbe, Chair. University of South Alabama. Department of Psychology.

Buck, K. The Influence of Gender on the Rating of Emotional Words in Children 9-10 Years Old. (2007) Department of Speech Pathology and Audiology, University of South Alabama.

Kline, J. (2005) “The Impact of Changes in Communicative Responsibility and a Listener on Stuttering Frequency.” Department of Speech Pathology and Audiology, University of South Alabama.

McCaghren, K. (2005) “Trained and Untrained Observer Ratings of Communication Behaviors in Traumatic Brain Injury.” Department of Speech Pathology and Audiology, University of South Alabama.

**Departmental Honors**

Feibelman, J. (2012). Forgiveness and eating disorder symptomology. Department of Psychology, University of South Alabama

Bynum, L. Autism and Attachment: The Relation of the Broad Autism Phenotype to Attachment Style. Department of Psychology, University of South Alabama.

**SERVICE ACTIVITIES**

University Imaging Institute Steering Committee, Vision Team Leader. Present.

Faculty Senate. College of Arts and Sciences. Present.

University Honors Program Admissions Committee, Member 2005 -

College of Arts and Sciences Technology Committee, Member 2006

Departmental Participant Pool, Chair 2004-

Psi Chi National Honor Society Faculty Mentor, Sponsor 2003-2005.

Departmental Space and Technology Committee, Chair 2004 – 2005. Member 2006 –

Departmental Undergraduate Committee, Member 2003 -

##### PROFESSIONAL ACTIVITIES

Ad hoc Reviewer. *Neuropsycholgia*. 2006 -

Ad hoc Reviewer. *Journal of Learning Disabilities.* 2008 –

Ad hoc Reviewer. *Journal of Musculoskeletal Pain* 2008 –

Book Reviewer: McGraw-Hill Publishing Company. Shaugnessey, Shaugnessey, & Zechmeister (2007) *Research Methods in Psychology, 7th ed.*

Grant Reviewer. *Kentucky Science and Education Foundation (KSEF)*. 2006 -

Faculty Advisor: *Psi Chi*, The National Honor Society in Psychology. 2002-2006.

Program Reviewer: *SEPA*, The Southeastern Psychological Association, 2003-

Poster Session Chair: *SEPA*, The Southeastern Psychological Association, 2004.

# **HONORS & AWARDS**

Best Article Award, Journal of Behavioral Optometry, Optometric Extension Program. 2012.

Mortar Board National Honor Society. Top Prof Award for Outstanding Mentoring of Undergraduates. 2013, 2009.

University of South Alabama, College of Arts & Sciences, Outstanding Junior Researcher Award. Nominee. 2008.

University of South Alabama, College of Arts & Sciences, Teaching Excellence Award. Nominee. 2007.

Graduate Teaching Fellowship. *City University of New York*. 1998-

Member. *Phi Beta Kappa*. 1994-

Member. *Psi Chi* (National Psychology Honor Society). 1994-

Research Master's Program, 1997-1998. An advanced research experience for select graduate students. *New School for Social Research*, Graduate Faculty of Political and Social Science.

New School Graduate Tuition Scholarship, *NS*. 1996-1998.

International Leaders Program, *International House of New York*. 1996-1998.

Honor Scholar. *Colorado State University* (CSU). 1995.

Dean's List. 1992-1995. College of Natural Sciences. *CSU*.

Colorado State Creative and Performing Arts Scholarship. *CSU* 1993-1995.

Rotary International Scholarship, 1991-1992.

# **COMMUNITY INVOLVEMENT**

Corpus Christi Church Choir, Mobile, Al. 2008 – present.

Soccer Coach, Catholic Youth Organization, Mobile, Al. 2005 – present.

Board of Advisors for Literacy Coalition of South Alabama, 2004 -2007.

Mentor for Adults with Disabilities for the Independent Living Center of Mobile, 2004-2006.

Mobile Pops Symphonic Band, Mobile, Al. 1st Trombone, 2002-2005.