

# MALLORY E. GROSSO

## EDUCATION

**Villanova University**, Villanova, PA, December 2013

B.A. in Psychology (Minor in Italian): Summa cum laude, Dean's List every semester

Overall GPA: 3.97, Major GPA: 4.0, Other Science GPA: 3.99

Honors Societies: Phi Beta Kappa, Phi Kappa Phi, Alpha Epsilon Delta

Related Courses: Research Methods in Psychology, Biology, Chemistry, Organic Chemistry, Physics, Statistics, Abnormal Psychology, Cognitive Psychology, Physiology of Psychology

## RESEARCH EXPERIENCE

**Boston Attention and Learning Lab:** *Characterizing and training attention in acquired brain injury*

Boston VA Hospital, Jamaica Plain, Drs. Joseph DeGutis and Michael Esterman

Research Assistant April 2014-present, 40 hours a week

- Coordinate a multi-site cognitive training trial to improve attention/memory in veterans with mTBI by recruiting participants, completing eligibility screenings, performing the role of unblinded coach, overseeing study progress, and entering data
- Test diagnostic tools to better characterize spatial attention and sustained attention deficits
- Assess attention and perceptual training programs in hemispatial neglect, prosopagnosia, and Parkinson's Disease
- Perform data analysis including factor analysis, hierarchical regression analysis
- Involved in manuscript preparation (see below), grant preparation, as well as manuscript review process
- Help with administrative tasks such as research compliance audits, IRB submissions

**Temporal Perception Lab:** *Cognitive and neural mechanisms of time perception*

Villanova University, PA, Dr. Matthew Matell

Research Assistant October 2013- April 2014, 10 hours a week

- Programmed a paradigm on E-prime for a study about neural responses to temporally unexpected rewards and losses
- Ran participants through a passive, auditory oddball paradigm studying event-related potential (ERP) correlates of interval and sub-second timing.

**Neuropsychopharmacology Lab:** *Animal models of the motivational symptoms of depression*

University of Connecticut, Dr. John Salamone

Research Assistant, Summer 2012, 5 hours a week

- Conducted trials comparing depressed rats (treated with tetrabenazine) with healthy rats by measuring willingness to work for more desirable food compared to readily available choice food
- Collected data including weight of rats, number of lever presses, and pre/post weight of choice food

## CLINICAL EXPERIENCE

**Child Neuropsychology Private Practice**

Springfield, MA, University of Connecticut, Dr. Deborah Fein

Volunteer, Summer 2013, 5 hours a week

- Observed testing sessions and parent interviews for children with Autism, Asperger's syndrome, ADHD, and various learning disorders and discussed diagnoses and treatment plans
- Scored neuropsychological tests and entered data

**Bryn Mawr Hospital**, Surgical Center and Emergency Room

Bryn Mawr, PA

Volunteer, July 2011- May 2012, 5 hours a week

- Assisted nurses in pre/post-operation procedures (e.g., cared for patients in post-op, changed linens, prepared pre-op garment bags) and procedures in the ER (e.g., checked in on patients, stocked rooms)

**Mount Sinai Hospital**, Child Psychiatric Wing

Hartford, CT

Volunteer, Summer 2011, 10 hours a week

- Aided nurses in managing children with early life trauma and various conduct disorders
- Attended group therapy sessions where children discussed past and current issues they were coping with

## PUBLICATIONS AND PRESENTATIONS

Fortenbaugh, F., Esterman, M., **Grosso, M.**, Russo, K., Germine, L., Wilmer, J., DeGutis, J. (In Prep). Dissociable changes in sustained visual attention across the lifespan.

DeGutis, J., Chiu, C., **Grosso, M.**, Cohan, S. (In Press). Face processing improvements in prosopagnosia: Success and failures over the last 50 years. *Frontiers in Human Neuroscience*. 8:561. doi: 10.3389/fnhum.2014.00561

Tervo-Clemmens, B., **Grosso, M.**, Matell, M. (April 2014). Event-related potential (ERP) correlates of interval and sub-second timing. Poster presented at Cognitive Neuroscience Society (CNS), Boston, MA, April 2014.

## RELATED SKILLS

- E-prime programming
- Matlab data analysis
- SPSS data analysis
- Administration of EEG experimental protocol
- Familiar with hemispatial neglect assessment battery
- Familiar with mTBI assessment battery
- Manuscript and grant preparation