

# Claire Kaplan

Affective and Translational Neuroscience Laboratory  
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## EDUCATION

- Current: **University of Maryland, College Park, MD**  
Doctoral Program in Clinical Psychology,  
M.S. (expected 2016), Ph.D. (expected 2020)
- 2010 **National Taiwan Normal University, Taipei, Taiwan**  
Mandarin-Chinese training, full-time language student
- 2009 **College of William and Mary, Williamsburg, VA**  
Awarded B.S. Neuroscience (*magna cum laude*)

## HONORS, AWARDS, & FELLOWSHIPS

- Sept 2016 **Smadar Levin Travel Award**, Society for Research in Psychopathology (\$300)  
Awarded to 5 attendees for strong poster presentations at the conference
- Aug 2016 **Jacob K. Goldhaber Travel Award** (\$400), University of Maryland, College Park  
Awarded to attend the annual Society for Neuroscience, in San Diego. Funds matched by the Department for total award of \$900.
- Mar 2016-  
*Present* **National Science Foundation Graduate Research Fellowship Program (NSF-GRP)**,  
Awarded for 3 years of support during Graduate training
- Oct 2010-  
Jan 2013 **National Institutes of Health Post-baccalaureate Intramural Research Training Award (NIH-IRTA) Fellowship**
- May 2009 **Magna Cum Laude**, awarded upon graduating from College of William and Mary
- Nov 2009 **Student Travel Award** (\$500), College of William and Mary  
Awarded to present at the annual Society for Neuroscience conference in Chicago
- Aug 2009-  
Sept 2009 **National Science Foundation Undergraduate Biology and Mathematics (NSF-UBM) Research Training Award** (\$5000)

- 2005-2009 **Dean's list**, College of William and Mary, all semesters
- 2006 **Alpha Lambda Delta Inductee**, College of William and Mary  
academic honor society - Awarded membership
- 2006 **Phi Eta Sigma Inductee**, College of William and Mary  
academic honor society - Awarded membership
- 2005 **National Collegiate Scholars Inductee**, College of William and Mary  
academic honor society - Awarded membership

### **PAST POSITIONS**

- 2013-14 **Research Fellow, Lieber Institute for Brain Development, Johns Hopkins**  
Advisors: Hao Yang Tan, M.D. and Daniel R. Weinberger, M.D., Ph.D.
- First-authored manuscript and continuation of previous research from NIMH (see below).
  - Assisted grant preparation in collaboration with researchers at Peking University in Beijing to incorporate our fMRI task into a new larger-scale imaging environment-genetics study.
  - Responsible for training three newly hired post-baccalaureate researchers.
- 2010-13 **Post-baccalaureate IRTA Fellow, Clinical Brain Disorders Branch, NIMH**  
Advisors: Hao Yang Tan, M.D. and Daniel R. Weinberger, M.D., Ph.D.
- Developed a novel fMRI task to assess probabilistic reasoning and brain network differences in relation to severity of delusions in schizophrenia patients: responsible for all aspects of project.
  - Contributed to ongoing imaging studies: task training, consent, and data collection.
  - Participated in clinical rounds and group therapy sessions for NIMH schizophrenia inpatients.
- 2008-09 **NSF Undergraduate Biology and Mathematics (NSF UBM) Fellow, William and Mary**  
Advisors: Gregory Smith, Ph.D. and Joshua Burk, Ph.D.
- Conducted computational modeling to elucidate attention task performance decrements induced by pharmacologic M1 receptor blockade or protein kinase C inhibition in rats (these pathways may be implicated in schizophrenia or early Alzheimer's).
- 2008 **Teaching/Research Assistant, Psychology Department, William and Mary**  
Advisor: Christine Porter, Ph.D.
- Assisted students in a literature review seminar to develop a behavioral paradigm using the radial arm maze to test auditory cued spatial learning in rodents.
- 2007 **Summer Research Intern, Psychology Department, William and Mary**  
Advisor: Robert Barnet, Ph.D.

- Assisted investigator part-time on a project studying trace and delay conditioned fear-potentiated startle response in rats.

2006 **Summer Laboratory Assistant, Veritas Inc. Laboratories, Rockville, Maryland**

- Assisted investigators full-time at an independent biotech research laboratory to develop and maintain mammalian cell lines for research on the influenza virus and specific toxins.

## CLINICAL EXPERIENCE

- May 2016-  
*Present*      **Therapist**, Clinical Child Therapy Practicum  
Site: Psychology Clinic at the University of Maryland, College Park  
Supervisor: Abigail Mintz Romirowsky, Ph.D.
- Review clinical cases of outpatient children and adolescents receiving evidence-based assessment and individual therapy for a range of disorders, including: oppositional defiant disorder, school refusal, anxiety, depression, substance abuse, and eating disorders. Provide assessment and individual therapy with outpatient adults and children experiencing these disorders.
- Jan 2016-  
Aug 2016      **Evaluator**, Adult Assessment Practicum  
Site: Psychology Clinic at the University of Maryland, College Park  
Supervisor: Aditi Vijay, Ph.D.
- Conduct comprehensive psychoeducational evaluations of adults with ADHD, learning disabilities, and other comorbid psychiatric disorders, which includes the following: administer and score assessments; interpret test results; formulate integrated assessment reports; and provide verbal feedback to clients regarding disabilities, diagnoses, and clinical recommendations.
- Aug 2015 –  
Dec 2015      **Therapist**, Clinical Adult Therapy Practicum  
Site: Psychology Clinic at the University of Maryland, College Park  
Supervisor: Lea Dougherty, Ph.D.
- Provide evidence-based assessment and individual cognitive behavioral, behavioral, and cognitive processing therapies for outpatient adults experiencing a range of disorders, including: anxiety, panic disorder, obsessive-compulsive disorder, depression, and interpersonal effectiveness difficulties.

## PUBLICATIONS

1. **Kaplan, C. M.**, Saha, D., Molina, J. L., Hockheimer, W. D., Postell, E. M., Apud, J. A., Weinberger, D. R., Tan, H. Y. (2016). Estimating changing contexts in schizophrenia. *Brain*. 139(Pt 7):2082-95. doi: 10.1093/brain/aww095.
2. Shackman, A. J., Tromp, D. P. M., Stockbridge, M. D., **Kaplan, C. M.**, Tillman, R. M., & Fox, A. S. (in press). Linking dispositional negativity to momentary emotional experience and behavior: An

integrative psychological and neurobiological perspective. *Psychological Bulletin*.

3. Shackman, A. J., **Kaplan, C. M.**, Stockbridge, M. D., Tillman, R. T., Tromp, D. P. M., Fox, A. S., & Gamer, M. (in press). The neurobiology of anxiety and attentional biases to threat: Implications for understanding neuropsychiatric disorders in adults and youth. *Journal of Experimental Psychopathology*.

### **SELECTED PRESENTATIONS**

1. **Kaplan CM**, Pessoa L, Smith JF, Shackman AJ. *The neurobiology of fear and anxiety: circuits engaged by certain and uncertain threat*. Poster presented at the 2016 annual meeting of the Society for Neuroscience, San Diego, CA.
2. **Kaplan CM**, Brinkman ME, Pessoa L, Smith JF, Shackman AJ. *Understanding the neurobiology of fear and anxiety*. Poster presented at the 2016 annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
3. Tan HY, **Kaplan CM**, Hockeimer W, Molina JL, Apud JA, Weinberger DR. *Processing uncertain dynamic context in schizophrenia and delusions*. Talk presented at the 2014 annual meeting of the Society for Neuroscience, Washington DC.
4. **Kaplan CM**, Molina JL, Chen Q, Apud JA, Weinberger DR, Tan HY. *Adult development of prefrontal connectivity and deficits in schizophrenia in context evaluation and updating*. Poster presented at the 2013 annual meeting of the Society of Biological Psychiatry, Philadelphia, PA.
5. **Kaplan CM**, Molina JL, Qiang C, Apud JA, Weinberger DR, Tan HY. *Effective connectivity of distinct cortical-striatal circuitry during inferential evaluation and feedback in schizophrenia*. Poster presented at the 2012 annual meeting of the Society for Neuroscience, New Orleans LA.
6. Molina JL, **Kaplan CM**, Qiang C, Apud JA, Weinberger DR, Tan HY. *Increased prefrontal-parietal effective connectivity at number processing in working memory in schizophrenia*. Poster presented at the 2012 annual meeting of the Society for Neuroscience, New Orleans LA.
7. **Kaplan CM**, Molina JL, Chen Q, Apud JA, Weinberger DR, Tan HY. *Hemispheric connectivity differences during updating of contextual information in schizophrenia*. Poster presented at the 2012 annual meeting of the Society of Biological Psychiatry, Philadelphia, PA.
8. Molina JL, **Kaplan CM**, Chen Q, Apud JA, Weinberger DR, Tan HY. *Specific cortico-striatal deficits during working memory in schizophrenia*. Poster presented at 2012 annual meeting of the Society of Biological Psychiatry, Philadelphia PA.
9. **Kaplan CM**, Molina JL, Chen Q, Apud JA, Daniel R Weinberger, Tan HY. *Dissociable prefrontal and hippocampal engagement in context learning in schizophrenia*. Poster presented at the 2012 annual

meeting of the Organization for Human Brain Mapping, Beijing, China.

10. **Kaplan CM**, Molina JL, Chen Q, Weinberger DR, Tan HY. *Prefrontal-striatal function in evaluating and updating higher-order beliefs*. Poster presented at the 2011 annual meeting of the Society for Neuroscience, Washington DC.
11. **Kaplan CM**, Smith GD, Burk JA. *Computational modeling of attention task performance decrements induced by M1 receptor blockade or PKC inhibition in rats*. Poster presented at the 2009 annual meeting of the Society for Neuroscience, Chicago IL.

## **TEACHING EXPERIENCE**

### **University of Maryland**

Summer 2016	Teaching Assistant, Psyc289E: The Psychology of Evil
Fall 2015	Teaching Assistant, Psyc601: Statistics (Graduate course)
Summer 2015	Teaching Assistant, Psyc289E: The Psychology of Evil
Spring 2015	Teaching Assistant, Psyc210: Personality and Temperament
Spring 2015	Teaching Assistant, Psyc341: Memory and Cognition
Winter 2015	Teaching Assistant, Psyc289E: The Psychology of Evil
Fall 2014	Teaching Assistant, Psyc200: Introduction to Statistics

### **College of William and Mary**

Spring 2009	Teaching Assistant, Psyc415: Animal Research Methods (lecture and lab)
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### **Taiwan Normal University (Taipei, Taiwan)**

2010	English Language Teacher
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