

**Michael A. Grubb**  
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Department of Psychology  
Trinity College  
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## EDUCATION

- 2013 Ph.D. Experimental Psychology, New York University
- Cognition & Perception Doctoral Program
  - Dissertation Advisors: Marisa Carrasco and David J. Heeger
- 2012 M.A. Experimental Psychology, New York University
- 2007 M.A. Global Studies, Sophia University, Tokyo, Japan
- 2001 B.A. Psychology, The University of Oklahoma

## PROFESSIONAL EXPERIENCE

- 2016 – Assistant Professor, Department of Psychology, Trinity College
- 2019 – 2020 Visiting Assistant Professor, Yale School of Medicine
- Department of Comparative Medicine, Levy Decision Neuroscience Lab
- 2013 – 2016 Postdoctoral Research Associate, Center for Neural Science, New York University
- Laboratory for Economics, Psychology, and Neuroscience of Decision Making
  - Mentor: Paul Glimcher
- 2014 (fall) Visiting Assistant Professor, Department of Neural Science, NYU Shanghai
- 2010 – 2012 Graduate Teaching Assistant, Department of Psychology, New York University
- 2006 – 2007 Academic Coordinator and Instructor, ELS International Academy, Tokyo
- 2005 – 2007 Instructor, Faculty of Medicine, University of Tokyo
- 2002 – 2005 Teacher, Japan International Education Center, Tokyo
- 2001 – 2002 Teacher, Sarasas International School, Bangkok

## RESEARCH INTERESTS

Temporal dynamics of attention, perception, and decision making; Impact of reward history and learned associations on attentional control; The role of selective attention in decision making; Aging and atypical development

Methods: psychophysics, eye tracking, structural & functional brain imaging

## PUBLICATIONS (\* denotes undergraduate collaborator)

- Grubb, M. A.**, Christensen\*, G., & Albanese\*, J. (2019). Investigating the role of exogenous cueing on selection history formation. *Psychonomic Bulletin & Review*, 26:1282–1288
- Grubb, M. A.**, & Li\*, Y. (2018). Assessing the role of accuracy-based feedback in value-driven attentional capture. *Attention, Perception, and Psychophysics*, 80: 822-828.

- Grubb, M. A.**, Tymula, A., Gilaie-Dotan, S., Glimcher, P., & Levy, I. (2016). Neuroanatomy Accounts for Age-Related Changes in Risk Preferences. *Nature Communications*, 7, 13822: 1-5.
- Grubb, M. A.**, White, A., Heeger, D., & Carrasco, M. (2015). Interactions between Voluntary and Involuntary Attention Modulate the Quality and Temporal Dynamics of Visual Processing. *Psychonomic Bulletin & Review*, 22(2): 437-444.
- Grubb, M. A.**, Behrmann, M., Egan, R., Minshew, N. J., Heeger, D. J., & Carrasco, M. (2013). Exogenous Spatial Attention: Evidence for Intact Functioning in Adults With Autism Spectrum Disorder. *Journal of Vision*, 13(14): 9, 1–13.
- Grubb, M. A.**, Behrmann, M., Egan, R., Minshew, N.J., Carrasco, M. & Heeger, D.J. (2013). Endogenous Spatial Attention: Evidence for Intact Functioning in Adults With Autism. *Autism Research*, 6: 108–118.

## AWARDS AND HONORS

- 2019            Research Opportunity Award, *National Science Foundation*, \$105,008
- #1928539: ROA supplement to *Decision making under uncertainty across the lifespan: Cognitive, motivational and neural bases* (PI: Dr. Ifat Levy, Yale School of Medicine)
  - Role: Co-Investigator
- 2012            Predoctoral Fellowship, *Autism Speaks Scientific Research Grants*, \$57,200
- #7831: Spatial Attention in Autism Spectrum Disorder

## CONFERENCE PRESENTATIONS ( \* denotes undergraduate collaborator)

- **Grubb, M. A.** *On the Varieties of Visual Attention*. Talk presented at the Sloan Nomis Workshop on the Cognitive Foundations of Economic Behavior, Vitznau, Switzerland, July 5, 2019.
- **Grubb, M. A.**, Christensen\*, G., & Albanese\*, J. *Does a history of involuntary selection generate attentional biases?* Poster presented at the Vision Sciences Society Annual Meeting, St. Pete's Beach, FL, May 21, 2019.
- **Grubb, M. A.**, & Butler\*, D. *Associative learning accelerates the temporal dynamics of covert exogenous spatial attention*. Poster presented at the Vision Sciences Society Annual Meeting, St. Pete's Beach, FL, May 23, 2018.
- **Grubb, M. A.**, & Li\*, Y. *Performance-contingent reward training modulates reaction time variability, even in the absence of previously rewarded stimuli*. Poster presented at the Vision Sciences Society Annual Meeting, St. Pete's Beach, FL, May 21, 2017.
- **Grubb, M. A.**, Glimcher, P., & Levy, I. (2016). *Neuroanatomy accounts for age-related changes in risk preferences*. Talk presented at the Society for Neuroscience annual meeting, San Diego, CA.
- Lu, B., Raio, C.M., **Grubb, M.A.**, Shields, G.S., Slavich, G.M., & Glimcher, P. (2016). *Lifetime stress exposure correlates with ambiguity aversion*. Poster presented at the Society for Neuroscience annual meeting, San Diego, CA.
- **Grubb, M. A.**, Rashid, S., Glimcher, P., & Levy, I. (2015). *Neural representations of subjective value across the human lifespan*. Poster presented at the Society for Neuroeconomics annual meeting, Miami, FL and at the Society for Neuroscience annual meeting, Chicago, IL.
- **Grubb, M. A.** & Glimcher, P. (2014). *Preferences under pressure: limited processing time increases risk aversion during monetary decision making*. Poster presented at the Society for Neuroeconomics annual meeting, Miami, FL.

- Ruderman, L., **Grubb, M.A.**, Tymula, A., Ehrlich, D.B., Glimcher, P.W., Levy, I. (2014). *The neural correlates of decision-making under uncertainty in monetary gains and losses*. Poster presented at the Society for Neuroscience annual meeting, Washington, DC.
- **Grubb, M. A.**, White, A., Heeger, D. J., & Carrasco, M. (2013). *Does exogenous attention modulate endogenous attention?* Talk presented at the Vision Sciences Society annual meeting, Naples, FL.
- **Grubb, M. A.**, Behrmann, M., Egan, R., Minshew, N., Carrasco, M., & Heeger, D. J. (2013). *Endogenous Spatial Attention: Evidence for Intact Functioning in Adults With Autism*. Poster presented at the International Meeting for Autism Research, San Sebastian, Spain.
- **Grubb, M. A.**, Wallisch, P., Hasson, U., & Heeger, D. J. (2012). *A neural signature of covert disengagement during movie viewing*. Talk presented at the Cognitive Neuroscience Society annual meeting, Chicago, IL.
- **Grubb, M. A.**, Heeger, D. J., Hasson, U., & Wallisch, P. (2010). *Subjective preference and its effect on the reliability of cortical activity during movie viewing*. Poster presented at the Society for Neuroscience annual meeting, San Diego, CA.

## **SERVICE**

- Curriculum Committee, Trinity College, 2018-2021
- Study Away Faculty Advisor (Paris), Trinity College, 2017-2020
- *ad hoc* peer reviewer for *Journal of Vision*, *Attention Perception & Psychophysics*, *Psychology & Neuroscience*, *British Journal of Psychology*, *Neuroimage*, *Cognition*, *Scientific Reports*, *eNeuro*, *Motivation and Emotion*, *eLife*
- Program committee, *Reinforcement Learning and Decision Making 2019*

## **PROFESSIONAL MEMBERSHIPS**

- Vision Sciences Society
- Neuroeconomics Society
- National Organization of Gay and Lesbian Scientists and Technical Professionals