

## Eric Egan, Ph.D.

The Ohio State University  
Department of Psychology  
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TheEricEgan.com

### EDUCATION

- Ph.D., Psychology** August 2014  
The Ohio State University, Columbus, OH
- M.A., Psychology** December 2011  
The Ohio State University, Columbus, OH
- B.S., Neuroscience** June 2008  
Skidmore College, Saratoga Springs, NY

### ACADEMIC POSITIONS

- Post Doctoral Researcher**, The Ohio State University August 2014 – Present  
**Lecturer**, The Ohio State University August 2014 – Present

### TEACHING

- Teaching Experience**, The Ohio State University
- Cognitive Neuroscience, two sections August 2014 – December 2014
  - Sensation and Perception, six sections August 2012 – May 2015
  - Research Methods in Psychology, three sections August 2011 – May 2012
- Teaching Responsibilities**, The Ohio State University
- Engage large lectures of 60-150 students consisting of a diverse group of freshman, upperclassmen, nontraditional students, majors, & non-majors
  - Utilize a multimedia approach including interactive demonstrations, videos, digital course management services, humorous anecdotes, chalkboard illustrations, & power points
  - Design, create, and implement syllabi, lesson plans, evaluations, & various teaching materials to facilitate learning
  - Earn consistently high and above average scores on teaching evaluations for creating an exciting learning atmosphere
  - Advise students one-on-one and lead study groups during weekly office hours
  - Student coursework indicates increased fundamental knowledge and critical thinking skills
- Outstanding Graduate Teaching Award Recipient**, The Ohio State University 2014
- Single recipient among 100+ nominations from 1,000+ GTAs across 18 departments
  - Nominated by an undergraduate student for excellence in teaching
  - Award administered by the Undergraduate Student Council

**Teaching Interests**

- Introductory Psychology
- Cognitive Neuroscience/Psychology
- Statistical Methods in Psychology
- Research Methods in Psychology
- Sensation and Perception
- Seminar in High-Level Vision
- First Year Seminar
- Senior Thesis Seminar

**PUBLICATIONS**

Egan, E. J. L. & Todd, J. T. (In Press). The role of illumination direction on the perception of 3D shape from shading. *Journal of Vision*.

Todd, J. T., Egan, E. J. L. & Phillips, F. (2014). Is the perception of 3D shape from shading based on an assumed reflectance function and an assumed homogeneous illumination? *I-Perception*, 5(6), 497–514.

Park, G., Van Bavel, J. J., Vasey, M. W., Egan, E. J. L., & Thayer, J. F. (2012). From the heart to the mind's eye: Cardiac vagal tone is related to visual perception of fearful faces at high spatial frequency. *Biological Psychology*, 90(2): 171-178.

Egan, E. J. L., Todd, J. T., & Phillips, F. (2011). The perception of 3D shape from planar cut contours. *Journal of Vision*, 11(12):15, 1-13.

Phillips, F., & Egan, E. J. L. (2009). Crossmodal information for visual and haptic discrimination. *Proc. SPIE 7240, Human Vision and Electronic Imaging XIV*, 72400H.

Phillips, F., Egan, E. J. L., & Perry, B. N. (2009). Perceptual equivalence between vision and touch is complexity dependent. *Acta Psychologica*, 132, 259-266.

**IN PROGRESS**

Natter, M., Egan, E. J. L. & Phillips, F. (In Review). Magically deceptive biological motion — the french drop sleight. *Frontiers in Psychology*.

Egan, E. J. L. & Phillips, F. (In Progress). The haptic perception of 3D shape is not facilitated by symmetry.

Kallie, S. C., Egan, E. J. L., & Todd, J. T. (In Progress). Perception of Local Surface Patches Using Shape From Shading.

**CONFERENCE PRESENTATIONS**

Egan, E. J. L., Kallie, S. C., & Todd, J. T. (2014). The perceptual matching of local surface orientation based on shape from shading. *Vision Sciences Society Annual Meeting, St. Petersburg, FL*.

- Kallie, S. C., Egan, E. J. L., & Todd, J. T. (2014). Perception of Local Surface Patches Using Shape From Shading. *Vision Sciences Society Annual Meeting, St. Petersburg, FL.*
- Todd, J. T. & Egan, E. J. L. (2014). Is the Perception of 3D Shape from Shading Based on Assumed Reflectance and Illumination? *Vision Sciences Society Annual Meeting, St. Petersburg, FL.*
- Egan, E. J. L. & Todd, J. T. (2013). The role of smooth occlusions in the perception of 3D shape from shading. *Vision Sciences Society Annual Meeting, Naples, FL.*
- Egan, E. J. L., Todd, J. T., & Phillips, F. (2012). The role of symmetry in 3D shape discrimination across changes in viewpoint. [Abstract]. *Vision Sciences Society Annual Meeting, Naples, FL.*
- Todd, J. T. & Egan, E. J. L. (2012). The Perception of shape from shading for Lambertian surfaces and range images. [Abstract]. *Vision Sciences Society Annual Meeting, Naples, FL.*
- Phillips, F., Todd, J. T., & Egan, E. J. L. (2011). 3D Shape perception does not depend on symmetry. *Vision Sciences Society Annual Meeting, Naples, FL.*
- Egan, E. J. L., Todd, J. T., & Phillips, F. (2011). The perception of 3D shape from planar cut contours. *Vision Sciences Society Annual Meeting, Naples, FL.*
- Phillips, F., Egan, E. J. L., Lesperance, J., & Komek, K. (2010). A spherical harmonic model for 3D shape discrimination. *Vision Sciences Society Annual Meeting, Naples, FL.*
- Egan, E. J. L. & Todd, J. T. (2010). The perception of 3D shape from planar cut contours. *Vision Sciences Society Annual Meeting, Naples, FL.*
- Todd, J. T., Guckes, K. & Egan, E. J. L. (2009). The perception of surface slant from monocular texture gradients and binocular disparity. *Vision Sciences Society Annual Meeting, Naples, FL.*
- Phillips, F., Egan, E. J. L., & Perry, B. (2008). Gawking and fondling: Multimodal perception of 3D shape. *Vision Sciences Society Annual Meeting, Sarasota, FL.*
- Egan, E. J. L., Phillips, F., & Norman, J. (2008). What sculpted depictions of 3-D objects reveal about visual and haptic mental representations. *Vision Sciences Society Annual Meeting, Sarasota, FL.*

## GRANTS & AWARDS

- Outstanding Graduate Teaching Award Recipient**, The Ohio State University 2014
- Single recipient among 100+ nominations from 1,000+ GTAs across 18 departments
  - Nominated by an undergraduate student for excellence in teaching
  - Award administered by the Undergraduate Student Council
- GTA Research Excellence Award Recipient**, OSU Department of Psychology 2011 – 2014
- Received \$6,000 in summer funding annually for exceptional research
  - Awarded to top 5 Graduate students in Psychology Department
- Graduate Student Research Forum Finalist**, OSU Department of Psychology 2012
- Runner up for best presentation award as voted by faculty
- Travel Grant Recipient**, OSU Department of Psychology 2008 – 2014
- Received \$500 annually to present research at Vision Sciences Society Annual Meeting

## UNIVERSITY SERVICE

- IT Staff Assistant**, Department of Psychology, The Ohio State University 2008 – 2011
- Managed two computer labs including the scheduling and supervision of four undergraduate student employees
  - Installed, maintained, troubleshoot, and repaired various departmental equipment including both hardware and software for faculty and staff
- Photographer**, Department of Psychology, The Ohio State University 2008 – Present
- Capture and edit various images for departmental website and promotional material
  - Documented the delivery and installation of a Siemens 3T Magnet
- Graduate Student Recruitment Committee**, The Ohio State University 2012 – 2014
- Coordinated events and arrangements for prospective graduate students
- Grad School Experience Panel**, The Ohio State University 2009 – 2011
- Discussed the graduate student experience in front of undergraduate psychology majors
- Skidmore College Science & Math Open House Alumni Panel** 2009
- Discussed the Skidmore College undergraduate experience with of prospective students

## SKILLS

Proficient in Mathematica, Matlab, Autodesk 3ds Max, Adobe Create Suite  
Experience with Python, SPSS, R Statistical Software

## PROFESSIONAL AFFILIATIONS

- Vice President, Secret Passage Press 2010 – Present
- Help design, edit and format an established series of mystery books for children
  - Create digital eBooks of previously published printed editions

## REFERENCES

**James Todd** (Advisor)

Professor  
Department of Psychology  
The Ohio State University  
1835 Neil Avenue  
Columbus, OH 43210  
614.292.8661  
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**Delwin Lindsey** (Committee Member)

Professor  
Department of Psychology  
The Ohio State University  
1835 Neil Avenue  
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**Flip Phillips** (Undergraduate Advisor &  
Collaborator)

Professor  
Psychology & Neuroscience  
Skidmore College  
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