

# Kier Groulx

Department of Cognitive Sciences  
University of California, Irvine  
Irvine, California 92617  
email: [kgroulx@uci.edu](mailto:kgroulx@uci.edu)

## Current position

*Ph.D. Candidate*, University of California, Irvine

## Areas of specialization

Visual mechanisms • Attention • Texture perception • Computational models

## Education

Exp. 2018 PhD in Cognitive Science, University of California, Irvine  
2016 MA in Cognitive Science, University of California, Irvine  
2014 BS in Computer Science, University of California, Irvine  
2014 BA in Cognitive Science, University of California, Irvine

## Honors, awards & fellowships

2014 NSF IGERT Traineeship in Complex Scene Perception  
2014 Phi Beta Kappa Honors Society  
2014 Psi Chi International Honors Society  
2014 UC Irvine Order of Merit  
2014 UC Irvine Chancellor's Award of Distinction  
2013 Summer Undergraduate Research Program Fellow  
2011-12 Summer Undergraduate Research Fellowships in Information Technology

## Publications & presentations

### JOURNAL ARTICLES

2014 Matchin, W, **K Groulx** & G Hickok, "Audiovisual Speech Integration Does Not Rely on the Motor System: Evidence from Articulatory Suppression, the McGurk Effect, and fMRI", *Journal of Cognitive Neuroscience* 26(3):606-620, 2014.  
2013 Herrera C, P Sun, **K Groulx**, C Wright, C Chubb & G Sperling, "How do the S-, M- and L-cones contribute to motion luminance assessed using minimum motion?", *Journal of Vision* 13(9):1021-1021, 2013.

### PRESENTATIONS

2016 **Groulx, K** & C Chubb, Poster at the annual meeting of the Psychonomics Society, Boston, Massachusetts, November 18, 2016. *Analyzing preattentive visual mechanisms via the superthreshold*

*contrast paradigm.*

- 2016 **Groulx, K**, C Chubb, J Victor & M Conte, Poster at the annual meeting of the Vision Sciences Society, St. Pete Beach, Florida, May 17, 2016. *Using the texture-centroid method to analyze the mechanisms sensitive to higher-order image statistics.*
- 2014 **Groulx, K**, C Chubb, CE Wright, Talk at the UC Irvine Undergraduate Research Symposium, Irvine, California, May 17, 2014. *Individual Cone Contributions to Motion Luminance.*
- 2012 **Groulx, K** & M Warschauer, Talk at the Summer Undergraduate Research Program Symposium, Irvine, California, August 30, 2012. *Cloud-Based Writing in K-12 Schools.*
- 2011 **Groulx, K**, AJ Shaka & E Fadeev, Talk at the Summer Undergraduate Research Program Symposium, Irvine, California, August 26, 2011. *A Web Application for Science: An NMR Pulse Sequence Database.*

## Teaching

- 2016-17 *Teaching Associate*, Fundamentals of psychology
- 2017 *Teaching Assistant*, Introduction to MATLAB
- 2016 *Teaching Assistant*, Cognitive science
- 2014-16 *Teaching Assistant*, Fundamentals of psychology
- 2015 *Teaching Assistant*, Writing about memory

## Miscellanea

### SOFTWARE PROFICIENCIES

R, MATLAB, MySQL, Tableau, Python, Unity, Swift,  $\LaTeX$ .

### STUDENTS MENTORED

- 2016-17 Tina Tran
- 2015-16 Ngoc Hoang My Bui
- 2015 Dean Gibbons