

## Elizabeth Roye Schotter

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### Professional Positions

2016-present Assistant Professor; Psychology Department, University of South Florida  
2013-2016 Post-doctoral Scholar; Rayner Eye Tracking Lab, University of California, San Diego

### Education

2007-2013 Ph.D., Psychology, University of California, San Diego  
2007-2008 M.A., Psychology, University of California, San Diego  
2003-2007 B.A.s, Psychology, Classics; *Summa Cum Laude*; *Phi Beta Kappa*; Washington University in St. Louis

### Research Fields

Cognitive Psychology, Reading, Psycholinguistics, Language Processing, Attention, Eye Movements, Visual Perception, Decision Making, Language comparisons/Bilingualism

### Previous Research Positions

2007-2016 Lab Manager; Rayner Eye Tracking Lab, University of California, San Diego  
2009 Visiting Researcher; Centre for Vision and Cognition, University of Southampton, UK

### Funded Grants & Fellowships

2018-2019 PI on USF Nexus Initiative Award  
*Investigating Enhanced Peripheral Processing in Deaf Individuals: Purely Perceptual or Linguistically Driven?* \$9,000 (collaborator: Amy Lieberman)

2017-2019 Co-PI on NSF Grant 1724550/1724623  
*Collaborative Research: Attention in Games and Decisions* \$392,484 (co-PI: Andrew Schotter)

2017-2018 Creating Research Experiences and Activities Through Teaching Enhancement (CREATTE) Scholars Program  
*Experimental Design and Analysis*, \$2,000; \$1,500

2015-2016 Co-Investigator on NIH Grant R01 HD065829  
*Linguistic Processes in Sentence Comprehension and Reading* \$174,040 (PI: Roger Levy)

2014-2016 Atkinson Family Endowment Post-doctoral Scholar \$104,535

2013-2014 Post-doctoral Fellowship under NSF Science of Learning Center VL2 cooperative agreement SBE 1041725  
*The Development of the Perceptual Span in Beginning Deaf Readers*

2011-2013 Pre-doctoral Fellowship from the UCSD Center for Research in Language NIH Training Grant DC000041  
*Language, Communication, and the Brain* (PI: Marta Kutas)

2011-2012 UCSD Chancellor's Interdisciplinary Collaboratories Grant  
*How Language and Visual Saliency Jointly Guide Eye Movements in the Perception of Complex Scenes* \$120,000 (student initiator; PIs: Keith Rayner, Roger Levy & Nuno Vasconcelos)

### Honors & Awards

- 2017 Early Career Award; American Psychological Association Division 3 (Society for Experimental Psychology and Cognitive Science)
- 2014 Select-Speaker Award; Psychonomic Society
- 2011 Norman Anderson Travel Award; UCSD Psychology Department
- 2009 Travel Fund Award; UCSD Dean of Social Sciences
- 2009 Study Visit Grant; Experimental Psychology Society
- 2007-present Phi Beta Kappa
- 2007 John A. Stern Outstanding Research Prize in Psychology; Washington U. in St. Louis
- 2007 Eugene Tavenner Prize in Classics; Washington University in St. Louis

### Publications

2018

**Schotter, E.R.**, Leinenger, M., & von der Malsburg, T. (2018). When your mind skips what your eyes fixate: How forced fixations lead to comprehension illusions in reading. *Psychonomic Bulletin & Review*, in press.

**Schotter, E.R.**, von der Malsburg, T., & Leinenger, M. (2018). Forced fixations, trans-saccadic integration, and word recognition: Evidence for a hybrid mechanism of saccade triggering in reading. *Journal of Experimental Psychology: Learning Memory & Cognition*, in press.

Bélangier, N.N. Lee, M. & **Schotter, E.R.** (2018). Young skilled deaf readers have an enhanced perceptual span in reading. *Quarterly Journal of Experimental Psychology*, 71, 291-301.

2017

**Schotter, E.R.**, Pollatsek, A., & Rayner, K. (2017). Reading. In *Reference Module in Neuroscience and Behavioral Psychology*, Elsevier

2016

**Schotter, E.R.\***, & Jia, A. (2016). Semantic and Plausibility Preview Benefit Effects in English: Evidence from Eye Movements. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 42, 1839-1866. **\*2017 Early Career Award from the Society for Experimental Psychology and Cognitive Science (APA Division 3)**

**Schotter, E.R.**, & Leinenger, M. (2016). Reversed preview benefit effects: Forced fixations emphasize the importance of parafoveal vision for efficient reading. *Journal of Experimental Psychology: Human Perception and Performance*, 42, 2039-2067.

Clifton, C., Ferreira, F., Henderson, J., Inhoff, A.W., Liversedge, S., Reichle, E.D., & **Schotter, E.R.** (2016). Eye movements in reading and information processing: Keith Rayner's 40 year legacy. *Journal of Memory and Language*, 86, 1-19.

Leinenger, M., **Schotter, E.R.**, & Rayner, K. (2016). Models of the reading process. In H.L. Miller (Ed.), *The SAGE Encyclopedia of Theory in Psychology*. (pp. 785-789). Los Angeles: SAGE Publications, inc.

Rayner, K., **Schotter, E.R.\***, Masson, M., Potter, M.C., & Treiman, R. (2016). So Much to Read, so Little Time: How Do We Read, and Can Speed Reading Help? *Psychological Science in the Public Interest*, 17, 4-34. **\*Corresponding Author**

2015

**Schotter, E.R.**, Lee, M., Reiderman, M., & Rayner, K. (2015). The effect of contextual constraint on parafoveal processing in reading. *Journal of Memory and Language*, 83, 118-139.

- Schotter, E.R.,** & Rayner, K. (2015). The work of the eyes during reading. In A. Pollatsek & R. Treiman (Eds.), *Oxford Handbook of Reading* (pp. 44-62). Oxford: Oxford University Press.
- Angele, B., **Schotter, E.R.,** Slattery, T.J., Tenenbaum, T.L., Bicknell, K., & Rayner, K. (2015). Do successor effects in reading reflect lexical parafoveal processing? Evidence from corpus-based and experimental eye movement data. *Journal of Memory & Language*, 79-80, 76-96.
- 2014
- Schotter, E.R.,** Bicknell, K., Howard, I., Levy, R., & Rayner, K. (2014). Task effects reveal cognitive flexibility responding to frequency and predictability: Evidence from eye movements in reading and proofreading. *Cognition*, 131, 1-27.
- Schotter, E.R.,** Jia, A., Ferreira, V.S., Rayner, K. (2014). Preview benefit in speaking occurs regardless of preview timing or awareness. *Psychonomic Bulletin & Review*, 21, 755-762.
- Schotter, E.R.** Reichle, E.D., & Rayner, K. (2014). Rethinking Parafoveal Processing in Reading: Serial Attention Models Can Account for Semantic Preview Benefit and n+2 Preview Effects. *Visual Cognition*, 22, 309-333.
- Schotter, E.R.,** Tran, R., & Rayner, K. (2014). Don't believe what you read (only once): Comprehension is supported by regressions during reading. *Psychological Science*, 25, 1218-1226.
- Gollan, T.H., **Schotter, E.R.,** Gomez, J., Murillo, M., & Rayner, K. (2014). Multiple levels of bilingual control: Evidence from language intrusions in reading aloud. *Psychological Science*, 25, 585-595.
- Rayner, K., & **Schotter, E.R.** (2014). Semantic preview benefit in reading English: The effect of initial letter capitalization. *Journal of Experimental Psychology: Human Perception & Performance*, 40, 1617-1628.
- Rayner, K., **Schotter, E.R.,** & Drieghe, D. (2014). Lack of semantic parafoveal preview benefit in reading revisited. *Psychonomic Bulletin & Review*, 21, 1067-1072.
- 2013
- Schotter, E.R.** (2013). Synonyms provide semantic preview benefit in English. *Journal of Memory and Language*, 69, 619-633.
- Schotter, E.R.,** Ferreira, V.S. & Rayner, K. (2013). Parallel object activation and attentional gating of information: Evidence from eye movements in the multiple object naming paradigm. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 39, 365-374.
- Schotter, E.R.,** & Rayner, K. (2013). Eye movements in reading. In E. Perego (Ed.), *Eye Tracking in Audiovisual Translation* (pp. 83-104). Rome: Aracne.
- Ferreira, V.S. & **Schotter, E.R.** (2013). Do verb bias effects on sentence production reflect sensitivity to comprehension or production factors? *Quarterly Journal of Experimental Psychology*, 66, 1548-1571.
- Rayner, K., Angele, B, **Schotter, E.R.,** & Bicknell, K. (2013). On the processing of canonical word order during eye fixations in reading: Do readers process transposed word previews? *Visual Cognition*, 21, 353-381.
- Rayner, K. & **Schotter, E.R.** (2013). Eye movements during reading. In H. Pashler (Ed.), *Encyclopedia of the Mind*. (pp. 338-340). Los Angeles: SAGE Publications, inc.

Wang, H.-C., **Schotter, E.R.**, Angele, B., Yang, J., Simovici, D., Pomplun, M., & Rayner, K. (2013). Using singular value decomposition to investigate the configuration of Chinese characters: Evidence from eye movements during reading. *Journal of Research in Reading, 36*, S35-S50.

2012

**Schotter, E.R.**, Angele, B., & Rayner, K. (2012). Parafoveal processing in reading. *Attention, Perception & Psychophysics, 74*, 5-35.

**Schotter, E.R.**, Blythe, H.I., Kirkby, J.A., Rayner, K., Holliman, N.S. & Liversedge, S.P. (2012). Binocular coordination: Reading stereoscopic sentences in depth. *PLoS ONE, 7*.

**Schotter, E.R.**, Gerety, C. & Rayner, K. (2012). Heuristics and criterion setting during selective encoding in visual decision-making: Evidence from eye movements. *Visual Cognition, 20*, 1110-1129.

**Schotter, E.R.**, & Rayner, K. (2012). Eye movements and word recognition during reading. In J. Adelman (Ed.), *Visual Word Recognition Volume 2: Meaning and Context, Individuals and Development* (pp. 73-101). New York: Psychology Press.

Rayner, K., Pollatsek, A. & **Schotter, E.R.** (2012). Reading: Word identification and eye movements. In A. Healy (Ed.) *Handbook of Psychology, Volume 4: Experimental Psychology* (pp. 548-577). Hoboken: Wiley.

2011

**Schotter, E.R.** (2011). Eye Movements as an index of linguistic processing in language production. *Studies of Psychology and Behavior, 9*, 16-23.

Slattery, T., **Schotter, E.R.**, Berry, R. & Rayner, K. (2011). Parafoveal and foveal processing of abbreviations during reading: Making a case for case. *Journal of Experimental Psychology: Learning Memory and Cognition, 37*, 1022-1031.

2010

**Schotter, E.R.**, Berry, R., McKenzie, C., & Rayner, K. (2010). Gaze bias: Selective encoding and liking effects. *Visual Cognition, 18*, 1113-1132.

#### **Manuscripts In Preparation or Under Review**

**Schotter, E.R.**, Li, C., & Gollan, T.H. (in revision). What Reading Reveals about Speaking: Multiple Monitors on Production of Intrusions in Chinese-English Bilinguals. *Quarterly Journal of Experimental Psychology*

**Schotter, E.R.**, (invited). Parafoveal processing during reading and its implications for models of eye movement control during reading. *Psychology of Learning and Motivation, 68*.

**Schotter, E.R.**, & Leininger, M. (in prep). Individual differences in the relationship between language skills and parafoveal sensitivity to word frequency.

Barker, E., Leininger, M., & **Schotter, E.R.**, (in prep). How sight-singing strategies differ between voice type: Evidence from production errors.

Barker, E., **Schotter, E.R.**, & Leininger, M. (in prep). The effect of pitch complexity on eye movements during musical sight-reading.

Johnson, E. & **Schotter, E.R.** (in prep). Visual Perception and American Sign Language: Investigating Differences Between Deaf and Hearing Signers' Peripheral Attention.

### Invited Talks and Symposia

- Schotter, E.R.** (2017). Parafoveal and Foveal Information in Reading: Saccade Programming vs. Comprehension. *Visual Cognition Group, Bournemouth University, Bournemouth, UK.*
- Schotter, E.R.** (2017). Linguistic and Mechanistic Pressures on the Reading System: Eye Movement Data and Theory. *Florida Center for Reading Research, Tallahassee, Florida.*
- Schotter, E.R.,** Li, C., & Gollan, T.H. (2016). Eye Movements Reveal Monitoring of Uncorrected Intrusion Errors in Reading Aloud: Evidence from Chinese-English Bilinguals. *China International Conference on Eye Movements, Changchun, China.*
- Schotter, E.R.** (2015). Semantic preview benefit in reading. *Symposium in Memory of Keith Rayner: European Conference on Eye Movements, Vienna, Austria.*
- Schotter, E.R.** (2015). Eye tracking methods for the behavioral scientist. *Center for Experimental Social Science: Experimental Economics Seminar, New York University, New York, NY.*
- Schotter, E.R.** (2015). Word processing across the visual field. *Rank Prize Funds Symposium on Visual Aspects of Reading, Grasmere, UK.*
- Schotter, E.R.** (2014). Reconceptualizing preview benefit effects in reading. *China International Conference on Eye Movements, Beijing, China.*
- Schotter, E.R.** (2014). Speed reading? You've gotta be Spritzin' me. *Center for Research in Language and Psychology Cognitive Brownbag, UC San Diego, San Diego, CA*
- Schotter, E.R.** (2013). Semantic preview benefit in reading: Type of semantic relationship matters. *Center for Research in Language, UC San Diego, San Diego, CA*
- Schotter, E.R.** (2012). How your brain is better than spell check: Cognitive processing in reading and proofreading. *Graduate Talk Series, Psychology Department, UC San Diego, San Diego, CA*
- Schotter, E.R.,** Ferreira, V.S. & Rayner, K. (2010). Parallel processing and information flow in multiple object naming. *China International Conference on Eye Movements, Tianjin, China.*
- Schotter, E.R.** (2009). Parallel extrafoveal processing and multiple object naming. *Behavioural Brain Sciences Group, University of Birmingham, UK.*

### Spoken Presentations

- Schotter, E.R.,** (2017). The Relationship Between Language Skills and Parafoveal Sensitivity to Word Frequency. *Meeting of the Psychonomic Society, Vancouver, Canada.*
- Schotter, E.R.,** Leininger, M., & von der Malsburg, T. (2017). The impact of forced fixations on word recognition: Dissociation of oculomotor behavior and linguistic processing. *European Conference on Eye Movements, Wuppertal, Germany.*
- Schotter, E.R.,** Leininger, M., & von der Malsburg, T. (2017). Parafoveal and foveal information serve different purposes in reading: Parafoveal is used for saccade programming, foveal for comprehension. *CUNY Conference on Human Sentence Processing, Cambridge, MA.*
- Schotter, E.R.,** & Leininger, M. (2016). Dissociating influences of parafoveal and foveal information on reading: Forced fixations and comprehension. *Meeting of the Psychonomic Society, Boston, MA.*

- Schotter, E.R.**, & Leinenger, M. (2015). The curious case of the reverse preview benefit effect in reading. *Meeting of the Psychonomic Society, Chicago, IL.*
- Schotter\*, E.R.**, (2014). Toward a new theory of reading: Independent and joint effects of context, parafoveal preview, and foveal information. *Meeting of the Psychonomic Society, Long Beach, CA.*  
**\*Select Speaker Award**
- Schotter, E.R.** (2013). Synonyms provide semantic preview benefit in English: Data and a theoretical framework. *European Conference on Eye Movements, Lund, Sweden.*
- Schotter, E.R.**, Ferreira, V.S. & Rayner, K. (2010). Only to-be-named objects are semantically processed during multiple object naming. *Meeting of the Psychonomic Society, St. Louis, MO*
- Schotter, E.R.**, Ferreira, V.S. & Rayner, K. (2009). Parallel processing in an object naming task: tests of timing, location specificity and task relevance. *European Conference on Eye Movements, Southampton, UK.*
- Schotter, E.R.**, Ferreira, V.S. & Rayner, K. (2009). Timing of extrafoveal processing in multiple object naming: A test of serial and parallel processing. *Meeting of the Experimental Psychology Society, York, UK.*
- Schotter, E.R.** (2008). Extrafoveal processing of multiple objects in an array: Evidence for parallel processing. *Little American Psychology Society Meeting, Psychology Department, UC San Diego*
- Schotter, E.R.** (2007). Going from *dip* to *dipped* and *ding* to *dinged*, the influence of phonological neighbors. *Psychology Department PSYposium, Washington University in St. Louis*

### Poster Presentations

#### 2018

- Johnson, E. & **Schotter, E.R.** (2018). Peripheral Attention and American Sign Language. *Workshop on Reading, Language, and Deafness, San-Sebastian, Spain*
- Schotter, E.R.**, & Thompson, A. (2018). Parafoveal influences on oculomotor control and word recognition: Insights from oral reading. *CUNY Conference on Human Sentence Processing, Davis, CA.*

#### 2017

- Barker, E.R., **Schotter, E.R.**, & Leinenger, M. (2017). Effect of pitch complexity on eye movements during musical sight-reading. *Meeting of the Psychonomic Society, Vancouver, Canada*
- Manrique, K., Betancourt, K.S., & **Schotter, E.R.** (2017). Cue competition during phonotactic processing in bilingual adults as measured by eye tracking. *Conference of the American Speech-Language-Hearing Association, Los Angeles, CA.*
- Barker, E.R., Leinenger, M., & **Schotter, E.R.** (2017). How sight-singing strategies differ between voice types: Evidence from eye movements and production errors. *Society for Music Perception and Cognition Meeting, San Diego, CA*

#### 2014

- Bélanger, N.N., **Schotter, E.**, & Rayner, K. (2014) Young Deaf readers' word processing efficiency. *Meeting of the Psychonomic Society, Long Beach, CA.*
- Bélanger, N.N., **Schotter, E.**, & Rayner, K. (2014) Young Deaf readers' word processing efficiency. *VL2-NSF Site Visit, Gallaudet University, Washington D.C.*

#### 2013

- Schotter, E.R.** (2013). Constraints on semantic preview benefit. *Meeting of the Psychonomic Society, Toronto, Canada*

2012

- Schotter, E.R.**, Bicknell, K., Levy, R. & Rayner, K. (2012). Eye movements in reading and proofreading: Modulating frequency and predictability effects. *Meeting of the Psychonomic Society, Minneapolis, MN*
- Schotter, E.R.** & Rayner, K. (2012). Semantic preview benefit may be observed in English: The importance of initial letter capitalization (and display change delay). *Meeting of the Psychonomic Society, Minneapolis, MN*
- Angele, B., Rayner, K., **Schotter, E.R.**, & Bicknell, K. (2012). Do readers obtain preview benefit from transposed words in English? *Annual Meeting of the Psychonomic Society, Minneapolis, MN, USA.*
- Cohen-Shikora, E.R., **Schotter, E.R.**, Balota, D.A. & Yap, M.J. (2012). Speeded past tense verb generation: An ironic effect of consistency. *Annual Meeting of the Psychonomic Society, Minneapolis, MN, USA.*
- Schotter, E.R.**, Bicknell, K., Levy, R. & Rayner, K. (2012). The effects of task on frequency and predictability effects. *CUNY Conference on Human Sentence Processing, New York, NY*
- Angele, B., Rayner, K., **Schotter, E.R.**, & Bicknell, K. (2012). Do readers obtain preview benefit from transposed words in English? *CUNY Conference on Human Sentence Processing, New York, NY, USA.*

2011

- Schotter, E.R.**, Ferreira, V.S. & Rayner, K. (2011). Object identification for naming multiple objects: Semantic access is serial. *Meeting of the Psychonomic Society, Seattle, WA, USA*
- Juhasz, B.J., **Schotter, E.R.**, & Rayner, K. (2011). The effect of semantically opaque affixed words on eye movements during reading. *Annual Meeting of the Psychonomic Society, Seattle, WA, USA.*
- Angele, B., Slattery, T.J., Chaloukian, T.L., **Schotter, E.R.**, & Rayner, K. (2011). Dissociating effects of parafoveal lexical processing from effects of the sentence context. *Annual Meeting of the Psychonomic Society, Seattle, WA, USA.*
- Schotter, E.R.**, Ferreira, V.S. & Rayner, K. (2011). Object identification for naming multiple objects: Semantic access is serial. *Architectures and Mechanisms for Language Processing, Paris, France*
- Schotter, E.R.**, Ferreira, V.S. & Rayner, K. (2011). Eye movements during multiple object naming reflect the gating of information by attention. *European Conference on Eye Movements, Marseille, France.*
- Wang, H.-C., Angele, B., **Schotter, E.R.**, Yang, J., Simovici, D., Pomplun, M., & Rayner, K. (2011). Singular value decomposition is a valid predictor of stroke importance in reading Chinese. *European Conference on Eye Movements, Marseille, France.*
- Angele, B., Slattery, T.J., Chaloukian, T.L., **Schotter, E.R.**, & Rayner, K. (2011). Dissociating effects of parafoveal preprocessing from effects of the sentence context. *CUNY Conference on Human Sentence Processing, Palo Alto, CA, USA.*

2010

- Schotter, E.R.**, Blythe, H.I., Kirkby, J.A., Liversedge, S.P. & Rayner, K. (2010). Binocular coordination: Reading stereoscopic sentences in depth. *Meeting of the Vision Sciences Society, Naples, FL*

2009

- Schotter, E.R.**, Berry, R. McKenzie, C.R.W. & Rayner, K. (2009). Does looking behavior predict choice? *Annual Meeting of the Psychonomic Society, Boston, MA, USA.*
- Schotter, E.R.**, Ferreira, V.S. & Rayner, K. (2009). The timing and extent of parallel processing in an object naming task. *Architectures and Mechanisms for Language Processing, Barcelona, Spain.*

**Schotter, E.R.**, Berry, R. McKenzie, C.R.W. & Rayner, K. (2009). The Interaction of encoding mechanisms and decision criteria on eye movements in a visual decision making task. *European Conference on Eye Movements, Southampton, UK.*

2008

**Schotter, E.R.**, Ferreira, V.S. & Rayner, K. (2008). Extrafoveal processing of multiple objects in an array: Evidence for parallel processing. *Annual Meeting of the Psychonomic Society, Chicago, IL, USA.*

2007

**Schotter, E.R.** (2007). Going from *dip* to *dipped* and *ding* to *dinged*, the influence of phonological neighbors. *Psychology Department Honors Thesis Poster Session and the Undergraduate Research Symposium, Washington University in St. Louis*

### Doctoral Dissertation and Master's Thesis Committees

#### Doctoral Dissertations:

Mark Lowry (Psychology; co-Chair with Dr. Chad Dubé)

Mehrdad Vaziri (Geosciences)

Ke Tong (Psychology)

#### Masters Theses:

Jacob Levine (Psychology)

Joanna Lawler (Psychology)

Katherine Manrique (Communication Sciences and Disorders)

### Selected Undergraduate Students Supervised

#### Co-authors (see above):

Emily Barker, Raymond Berry, Cainen Gerety, Joanne Gomez, Yumeng Gu, Ian Howard, Annie Jia, Michelle Lee, Mayra Murillo, Michael Reiderman, Tara Tenenbaum, Randy Tran

#### Honors Theses:

Emily Johnson\*: Johnson, E. & Schotter, E.R. (2017). Visual Perception & American Sign Language: Investigating differences between Deaf and hearing signers' peripheral attention. *University of South Florida Psychology Expo and Florida Psycholinguistics Meeting, Gainesville, FL*

\*Council of Undergraduate Research Psychology Travel Award

Emily Barker\*: Barker, E.R., Leininger, M., & Schotter, E.R. (2016). Investigating Processing, Strategy, and Accuracy in Sight Singing. *UC San Diego Psychology Honors Poster Session, San Diego, CA*

\*Norman Anderson Honors Thesis Award for Innovative Contributions to Research

Yumeng (Rainy) Gu\*: Gu, Y., Schotter, E.R., Gollan, T., & Rayner, K. (2015). Cross-Language Intrusion Errors in Chinese-English Bilinguals. *UC San Diego Psychology Honors Poster Session, San Diego, CA*

\*Norman Anderson Honors Thesis Award for Innovative Contributions to Research

Stephanie Yi: Yi, S., Schotter, E.R., & Rayner, K. (2014). Involvement of conscious control during reading. *UC Berkeley Psychology Undergraduate Research Conference, Berkeley, CA and UC San Diego Psychology Honors Poster Session, San Diego, CA*

#### Independent Project Presentations (Lab & Directed Study):

Danielle Ferrusi: Ferrusi, D. & Schotter, E.R. (2018). How Individual Differences in Language Ability Influence Reading Efficiency. *USF Undergraduate Research Conference, Tampa, FL*



- Caitlin Nethercoat:** Nethercoat, C. & Schotter, E.R. (2018). Observed Effects of Clustering Coefficient and Neighborhood Size during Word Recognition. *USF Undergraduate Research Conference, Tampa, FL*
- Richard Rogers\*:** Rogers, R. & Schotter, E.R. (2018). The Impact of Unexpected Stimuli in Cloze Tasks on Cloze Probability and Latent Semantic Analysis (LSA). *USF Undergraduate Research Conference, Tampa, FL*  
\*Excellence in Research Award
- Alyssa Thompson:** Thompson, A. & Schotter, E.R. (2017). Assessing Parafoveal Preview Effects Through Eye Movements and Oral Reading. *Florida Psycholinguistics Meeting, Gainesville, FL*
- Ian Howard:** Howard, I., Schotter, E.R., Bicknell, K., Levy, R., & Rayner, K. (2013). Humans Demonstrate Cognitive Flexibility Responding to Predictability: Evidence from Eye Movements. *UC Los Angeles Psychology Undergraduate Research Conference, Los Angeles, CA*
- Randy Tran:** Tran, R., Schotter, E.R., & Rayner, K. (2012). The effects of regressions in reading. *UC San Diego Undergraduate Research Conference, San Diego, CA*
- Samantha Itaya:** Itaya, S., Schotter, E.R., Zlatarev, J., & Rayner, K. (2011). The Stroop effect is not due to interference during identification: Evidence from eye movements. *UC Los Angeles Psychology Undergraduate Research Conference, Los Angeles, CA*
- Tara Tenenbaum (née Chaloukian):** Chaloukian, T.L., Angele, B., Slattery, T.J., Schotter, E.R., & Rayner, K. (2011). Reading with a parafoveal mask. *UC Berkeley Psychology Undergraduate Research Conference, Berkeley, CA*

### **Research Project Presentations (Experimental Design & Analysis Course):**

- Bart, K., Cantlon, J., Damiani, K., & Naranjo, A. (2018). Does the amount of exposure to certain body types affect a woman's self-esteem? *USF Undergraduate Research Conference, Tampa, FL*
- Ferreira, C., Webber, A., Jamian, M., & Gelber, A. (2018). Deceptions of the human mind. *USF Undergraduate Research Conference, Tampa, FL*
- Hegazi, K., Jain, A., Madathilate, N., & Smith, T. (2018). The effect of visuals and the effect of color on short-term memory retention. *USF Undergraduate Research Conference, Tampa, FL*
- Klarer, R., Gagne, P., & Harris, N. (2018). Effects of cooperation and collaboration in video game play on pro-social behaviors. *USF Undergraduate Research Conference, Tampa, FL*
- Ruiz-Wilson, A. & Katz, T. (2018). Conformity in groups. *USF Undergraduate Research Conference, Tampa, FL*
- Trantham, M., (2018). Effects of binaural beat use on two types of working memory. *USF Undergraduate Research Conference, Tampa, FL*
- Campbell, A., Reeves, D., Slate, A., & Taylor, L. (2017). Information retention: Examining the effects of ageism in American college-aged learners. *USF Undergraduate Research & Arts Colloquium, Tampa, FL*
- Falling, M., & Tutor-New, F. (2017). The effects of different types of praise on self-efficacy in digital tasks\*. *USF Undergraduate Research & Arts Colloquium, Tampa, FL*  
\*Excellence in Research Award
- Hemenway, M., Tran, P., & Dean, B. (2017). Effects of color on memory by recall and recognition. *USF Undergraduate Research & Arts Colloquium, Tampa, FL*
- Moraes, C., & Meyers, M. (2017). To talk or not to talk: Does humor hold your attention? *USF Undergraduate Research & Arts Colloquium, Tampa, FL*
- Pusey, K., Rodgers, K., Ramdhanie, C., & Chittenden, D. (2017). Frozen by stress. *USF Undergraduate Research & Arts Colloquium, Tampa, FL*

## Teaching Experience

### Undergraduate

- Experimental Design & Analysis (USF: SP 2018, SP 2017, FA 2016)
- Psychology of Language (USF: FA 2017, SP 2017; UCSD: FA 2013, WI 2013)
- Lab: Psycholinguistics and Cognition (UCSD: SP 2013, FA 2012, SP 2012, FA 2011, SP 2011)
- General Psychology: Cognitive Foundations (UCSD: SU 2010)
- Undergraduate Independent/Directed Study (USF: 5 semesters/summers; UCSD: 24 quarters)

### Graduate

- Visual Cognition (USF: SP 2018)
- Language & Science (USF: FA 2017)
- Workshop: Academic Writing and Publication (Chinese Academy of Sciences, 2016 & 2014)

## Professional Activities

- 2017-2018      Contributing Editor: *Journal of Experimental Psychology: Learning Memory & Cognition*  
 2017-2018      Contributing Editor: *Journal of Learning Disabilities*

## Ad Hoc Reviewer

*American Educational Research Association Open*  
*American Journal of Psychology*  
*Attention, Perception & Psychophysics* (3)  
*Bilingualism: Language and Cognition*  
*Cognition* (4)  
*Cognitive, Affective, and Behavioral Neuroscience*  
*Cognitive Science*  
*CUNY Conference on Human Sentence Processing*  
*International Journal of Artificial Intelligence in Education*  
*Journal of Applied Research in Memory and Cognition*  
*Journal of Cognitive Psychology* (2)  
*Journal of Experimental Psychology: General*  
*Journal of Experimental Psychology: Human Perception and Performance* (5)  
*Journal of Experimental Psychology: Learning, Memory and Cognition* (14)  
*Journal of Memory and Language* (3)  
*Journal of Neuroscience, Psychology, and Economics*  
*Journal of Vision*  
*Language, Cognition, and Neuroscience*  
*Language Learning*  
*Leverhulme Trust*  
*Memory & Cognition* (3)  
*National Institutes of Health*  
*Proceedings of the Cognitive Science Society*  
*Psychological Science in the Public Interest*  
*Psychonomic Bulletin & Review* (4)  
 PLOS ONE  
*Quarterly Journal of Experimental Psychology* (8)  
*Scientific Studies of Reading*  
*Trends in Cognitive Sciences*

*Visual Cognition* (3)**Professional Affiliations and Memberships**

2017-Present	Member; Council for Undergraduate Research
2017-Present	Member; Association for Psychological Science
2017-Present	Affiliate; Society for Experimental Psychology & Cognitive Science (APA Div. 3)
2017-present	Member; Women in Cognitive Sciences
2015-present	Fellow; Psychonomic Society
2014-2015	Member; Psychonomic Society
2014-Present	Member; Federation of Associations in Behavioral & Brain Sciences

**Service**

2016-2018	USF Psychology Department Awards & Scholarships Committee
2012-2013	UCSD Psi Chi Society guest speaker; Science outreach at the Preuss School
2011-2012	UCSD Psychology Department Graduate Student Representative
2010-2011	UCSD Psychology Department Colloquium Series Representative

## References

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