

# STEPHANIE HUETTE

## APPOINTMENT

Tenure-track assistant professor  
Department of Psychology  
The University of Memphis

## EDUCATION

2008-2013 Ph.D. in Cognitive & Information Sciences University of California, Merced

2003-2007 B.S. in Psychology with Honors University of Iowa

## AWARDS & GRANTS during tenure-track

Year	Description of application	Result
2015	NSF Perception Action Cognition Grant	in progress
2015	University of Memphis Faculty Research Grant	Accepted \$6500
2014	Cognitive Science Society Dissertation Prize	Rejected

## AWARDS & GRANTS during graduate school

Year	Award Description	Institution	Award
2012-2013	President's Dissertation Year Fellowship (includes stipend, fees, research funds)	UC Merced	\$34,438.00
2012	Graduate Research Council Spring Fellowship	UC Merced	\$3,885
2012	Distinguished student in Cognitive and Information Sciences	UC Merced	\$250
2011&2012	Graduate Research Council Summer Fellowship	UC Merced	\$7,500.00
2010	Second Place in Cognitive Science poster competition	UC Merced	\$100.00
2009	Honorable Mention, Graduate Research Fellowship Program	NSF	Tetragrid
2003-2007	University Iowa Scholars Scholarship	U of Iowa	\$500/semester
2006	Senior Honors Thesis Grant, Honors Program	U of Iowa	\$500

## PROFESSIONAL ORGANIZATIONS & AFFILIATIONS

Affiliate Faculty of Center for Climate Communication at UC Merced  
Cognitive Science Society  
Psychonomic Society  
Society for Computers in Psychology (SCiP)  
Women in Cognitive Science (WiCS, part of the Psychonomic Society)

## TEACHING & RESEARCH APPOINTMENTS

### *Tenure-track Teaching*

Spring 2015 Seminar on Psychology of Language (Psyc 7503/8503)  
Thinking and Cognitive Processes (Psyc 3303)

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Fall 2014 Psychology of Language Honors (Psyc 3303)

Spring 2014 Seminar on Neural Networks (Psyc 7503/8503)  
Thinking and Cognitive Processes (Psyc 3303)

Fall 2013 Psychology of Language (Psyc 3303)

### *Teaching and Research in Graduate School*

Fall 2012 – Spring 2013 University of California President’s Dissertation Fellow

Fall 2008/2010/2011 &  
Spring 2012 Introduction to Cognitive Science (TA)

Spring 2011 Graduate Student Researcher (PI Christopher Kello)

Fall 2009 - Summer 2010 Graduate Student Researcher (Co-PIs Teenie Matlock & Marcelo Kallman) *Gesture for Interactive Virtual Humans research: Supported by the NSF*

Summer 2009 Graduate Student Researcher

Spring 2009 Introduction to Neural Networks (TA)

## PUBLICATIONS

Shubeck, K. & Huette, S. (2015). Predicting Meme Success with Linguistic Features in a Multilayer Backpropagation Network. In *Proceedings of the 37<sup>th</sup> Annual Meeting of the Cognitive Science Society*.

Huette, S. (2015). Review of the book *Language and Time* by V. Evans. *Cognitive Linguistics*. **Impact factor: 1.2**

Matlock, T., Sparks, D., Matthews, J.L., Hunter, J., & Huette, S. (2014). Smashing new results on aspectual framing: How people describe car accidents. In N.B. Gisborne and W. Hollmann (Eds.), *Theory and data in cognitive linguistics* (pp.239-259). John Benjamins. [Reprint]

Huette, S. & Spivey, M. J. (2014). Cognitive operations that take place in the perception-action loop. In Müller, Cienki, Fricke, Ladewig, McNeill, Bressom (eds.), *Body-Language-Communication, Volume 2*. (pp.1929-1935). Berlin: de Gruyter.

Spivey, M. J. & Huette, S. (2014). The embodiment of attention in the perception-action loop. In L. Shapiro (Ed.), *The Routledge Handbook of Embodied Cognition*. (pp.306-314). Routledge.

Huette, S., Winter, B., Matlock, T., Ardell, D., & Spivey, M. (2014). Spontaneous eye-movements during passive spoken language comprehension reflect grammatical processing. *Frontiers in Cognitive Science*. **Impact factor: 2.8**

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- Bruhn, P., Huette, S., & Spivey, M. (2014). Degree of certainty modulates anticipatory processes in real time. *Journal of Experimental Psychology: Human Perception and Performance*. Impact Factor: 2.4
- Huette, S., Kello, C., Rhodes, T., & Spivey, M. (2013). Drawing from memory: Hand-eye coordination at multiple scales. *PLoS ONE*, 8(3). **Impact factor: 4.2**
- Huette, S. (2012). Dynamics of color category formation and boundaries. In N.M. Moroney (Eds.) *Encyclopedia of Color Science and Technology*. Springer.
- Matlock, T., Sparks, D., Matthews, J.L., Hunter, J., & Huette, S. (2012). Smashing new results on aspectual framing: How people describe car accidents. *Studies in Language*, 36, 700-721. **Impact factor: 0.3**
- Huette, S., Winter, B., Matlock, T., & Spivey, M. (2012). Processing motion implied in language: eye-movement differences during aspect comprehension. *Cognitive Processing*, 13, 193-197. **Impact factor: 1.8**
- Huette, S., & Anderson, S. (2012). Negation without symbols: The importance of recurrence and context in linguistic negation. *Journal of Integrative Neuroscience*, 11, 295-312. **Impact factor: 1.1**
- Huette, S., & Spivey, M. J. (2012). Fuzzy consciousness. In S. Edelman, T. Fekete, & N. Zach (Eds.), *Being in time: Dynamical models of phenomenal experience* (149-164). John Benjamins.
- Huette, S., Anderson, S., Matlock, T., & Spivey, M. (2011). A one-stage distributed processing account of linguistic negation. In *Proceedings of the 33<sup>rd</sup> Annual Meeting of the Cognitive Science Society* (pp. 2037-2042).
- Huette, S., Huang, Y., Kallmann, M., Matlock, T., & Matthews, J. (2011). Gesture variants and cognitive constraints for interactive virtual reality training systems. In *Proceedings of the 16th international conference on Intelligent user interfaces* (pp. 351-354).
- Anderson, S. E., Chiu, E., Huette, S., & Spivey, M. J. (2011). On the temporal dynamics of language-mediated vision and vision-mediated language. *Acta Psychologica*, 137, 181-189. Impact factor: 2.2
- Anderson, A., Huette, S., Matlock, T., & Spivey, M. (2010b). *Comprehending negated sentences with binary states and locations*. In *Proceedings of the 32<sup>nd</sup> Annual Meeting of the Cognitive Science Society* (pp. 1192-1197).
- Huette, S., Matlock, T. & Spivey, M. (2010). The online processing of modal verbs: Parallel activation of competing mental models. In *Proceedings of the 32<sup>nd</sup> Annual Meeting of the Cognitive Science Society* (pp. 1154-1159).
- Anderson, S., Huette, S., Matlock, T., & Spivey, M. (2010a). On the temporal dynamics of negated perceptual simulations. In F. Parrill, V. Tobin & M. Turner (Ed.), *Meaning Form and Body*. Stanford University, California: CSLI Publications (pp. 1-20).
- Huette, S. & McMurray, B. (2010). Continuous dynamics of color categorization. *Psychonomic Bulletin & Review*, 17(3), 348-354. **Impact factor: 2.2**

## STEPHANIE HUETTE

### UNDER REVIEW & AWAITING PUBLICATION

Huette, S. (under review at *Language Cognition and Neuroscience*). Linguistic negation as a cue for rapid ad hoc integration of alternative referents.

Huette, S. & Matlock, T. (pending revisions at the *Journal of Psycholinguistic Research*). Modal verbs used in rules affect cognitive dynamics.

Abney, D., Gann, T., Huette, S., & Matlock, T. (under review at *Cognitive Science*) The Language of Uncertainty and Political Ideology in Climate Communication.

Huette, S. & Anderson, S. (under review at *Language & Cognition*). Perception of probabilistic truth values in negation: Negation intensifies response dynamics of truth and falsehood.

Spivey, M., & Huette, S. (to appear). Toward a situated view of language. In P. Pykkönen, & M.W. Crocker (Eds.), *Visually Situated Language Processing*.

Huette, S., & Matlock, T. (to appear). Processing figurative language. In P. Pykkönen, & M.W. Crocker (Eds.), *Visually Situated Language Processing*.

Moyes, H., Rigoli, L., Huette, S., Montello, D., Matlock, T., & Spivey, M. (to appear). Places of Imagination: How Darkness Affects Magical Thinking. *Oxford Handbook of Cognitive Anthropology*.

### PRESENTATIONS

Shubeck, K., & Huette, S. (2015, July). Predicting Meme Success with Linguistic Features in a Multilayer Backpropagation Network. Poster presented at the 37<sup>th</sup> annual Cognitive Science conference.

Huette, S. (2015, May). Visual referents for negated sentences are processed independently: a mouse-tracking study of negation. Poster presentation at the 27<sup>th</sup> Annual Association for Psychological Science.

Shubeck, K., & Huette, S. (2014, November). Predicting meme success with linguistic features in a two-layer backpropagation network. Presented at the annual meeting of the Society for Computers in Psychology.

Huette, S., & Viaud, J. (2014, November). User-input without user-input: Quantifying spontaneous cognitive processing in listening-type tasks. Presented at the annual meeting of the Society for Computers in Psychology.

Spevack, S., Huette, S., & Spivey, M. (2014, July). How do we get negation without symbols? Poster presented at the 36<sup>th</sup> Annual Meeting of the Cognitive Science Society.

Luno, J., & Huette, S. (2014, July). The Size of Thought: Estimations of Object Size Are Relative to the Body. Poster presented at the 36<sup>th</sup> Annual Meeting of the Cognitive Science Society.

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- Huette, S., Anderson, S., & Spivey, M. (2013, November). Probabilistic negation: Computer mouse-tracking reveals non-linear distortions of truth perception when negated. Poster presented at the annual meeting of the Society for Computers in Psychology.
- Rigoli, L., Moyes, H., Huette, S., & Spivey, M. (2013, July). *Cave-like environments facilitate magical thinking*. Poster presented at the 35th Annual Meeting of the Cognitive Science Society.
- Huette, S., Anderson, S., & Spivey, M. (2013, July). *Probabilistic negation: fine-grained preservation and distortion of truth in affirmative and negated statements*. Poster presented at the 35th Annual Meeting of the Cognitive Science Society.
- Huette, S., Winter, B., Matlock, T., & Spivey, M. (2012, September). *Processing motion implied in language: Eye-movement differences during aspect comprehension*. Spoken presentation at the International Conference on Spatial Cognition in Rome, Italy.
- Huette, S., Rhodes, T., Kello, C., & Spivey, M. (2012, August). *Drawing from memory: Hand-eye coordination at multiple scales*. Spoken presentation at the Guy van Orden workshop on Cognitive Dynamics at the University of Connecticut.
- Huette, S. (2012). *Life, liberty, and the pursuit of truthiness: Subtle effects of grammar on the processing of meaning*. Invited colloquium at the University of Cincinnati, OH.
- Huette, S., Anderson, S., Matlock, T., & Spivey, M. (2011). *A one-stage distributed processing account of linguistic negation*. Poster presented at the Annual Meeting of the Cognitive Science Society.
- Huette, S. & Spivey, M. (2011, May) *Measuring the Continuity of Mind with Eye Tracking and Computer-Mouse Tracking*. Invited workshop at Aarhus University, Aarhus, Denmark.
- Spivey, M. & Huette, S. (2011, May) *The Continuity of Mind and the Contiguity of Minds*. Invited spoken presentation at Aarhus University, Aarhus, Denmark.
- Huette, S., Winter, B., Matlock, T., & Spivey, M. (2011, March) *Spatiotemporal fixation differences on a blank screen during aspect comprehension*. Spoken presentation at the 24<sup>th</sup> annual CUNY conference on human sentence processing.
- Huette, S., Huang, Y., Kallmann, M., Matlock, T., & Matthews, J. (2011, February). *Gesture variants and cognitive constraints for interactive virtual reality training systems*. Demo/poster presented at the ACM International Conference on Intelligent User Interfaces.
- Huette, S., Winter, B., Matlock, T., & Spivey, M. (2010, September) *The time course of perceptual simulation in the comprehension of aspect*. Poster presented at the joint meeting of CSDL & ESLP.
- Anderson, A., Matlock, T., Spivey, M., & \*Huette, S. (2010, September) *The role of grammatical aspect in the dynamics of spatial descriptions*. Spoken presentation at the joint meeting of CSDL & ESLP.
- Anderson, A., Huette, S., Matlock, T., & Spivey, M. (2010, August) *Comprehending negated sentences with binary states and locations*. Spoken presentation at the Annual Meeting of the Cognitive Science Society.

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Huette, S., Matlock, T. & Spivey, M. (2010, August) *The online processing of modal verbs: Parallel activation of competing mental models*. Spoken presentation at the Annual Meeting of the Cognitive Science Society.

Huette, S. & McMurray, B. (2009, April) *Continuity in color categorization*. Poster presented at the first California Cognitive Science Conference, Berkeley, California.

Huette, S. & McMurray, B. (2008, October) *Gradient categorization of color: a real-time examination of within-category sensitivity*. Invited colloquium at Stanford FriSem series, Palo Alto, California.

Matlock, T., Anderson, S., Fausey, C., Spivey, M. & \*Huette, S. (2008, August) *On the path to understanding the dynamics of aspect*. Spoken presentation at the conference on language, cognition & communication, Brighton, England.

### ***Campus & Departmental Presentations***

Communications Sciences & Disorders colloquium talks given Fall 2013, Spring 2015

Department of Psychology First year colloquium talks Fall 2013, Fall 2014, Spring 2015

## ACADEMIC SERVICE

### ***Ad-hoc Reviewing***

*Journals:* Attention, Perception & Psychophysics; Applied Psychophysiology and Biofeedback (editorial board); Cognition; Cognitive Science; European Journal of Cognitive Psychology; Journal of Experimental Psychology: Learning, Memory and Cognition; Language Sciences; PLoS ONE; Proceedings of the Cognitive Science Society; Psychological Research; Quarterly Journal of Experimental Psychology

*Institutions:* National Science Foundation, University of Memphis Institute for Intelligent Systems

# STEPHANIE HUETTE

## *Tenure-Track Service*

### *Student mentoring and committees*

<b>Student</b>	<b>Advisory Role</b>	<b>Scholarly Products &amp; Achievements</b>
Jeff Viaud (G)	PhD major professor	1 Conference abstract
Ariel Mathis (G)	Master's major professor	Currently in program
Benjamin Pierce (U)	Lab supervision	Changed major to PHIL
Stephanie Clein (U)	Lab supervision	Currently in program
Alison Grimmig (U)	Lab supervision	Currently in program
Lillian Hill (U)	Lab supervision	Currently in program
Mari Sanford (U)	Lab supervision	Graduated; Accepted into law school
William Britton (U)	Lab supervision	Currently in program
Dylan Turner (U)	Lab supervision	Currently in program
Megan Boatman (U)	Lab supervision	Currently in program
Keith Shubeck (G)	Collaboration/ Master's Committee	1 Conference abstract, Spoken presentation, conference paper submission
Jeremy Luno (G)	Collaboration	1 Conference poster
Ansley Geno (G)	Master's Committee	Proposal approved
Henry Hua (G)	Dissertation Committee	Graduated with PhD
David Kovaz (G)	Dissertation Committee	Graduated with PhD
Alison Pickover (G)	Master's Committee	Proposal approved
Victoria Sharp (G)	External Committee member	Student at U. of Pittsburgh PhD program
Stephanie McMillen (G)	Dissertation Committee, independent project collaborator	Communication Sciences & Disorders PhD program
Chhayakant Patro (G)	Dissertation Committee	Communication Sciences & Disorders PhD program
Rachel Ankney (G)	Master's Committee	Proposal pending

### *Scholarly Service*

2014-2015 Steering committee member for the Society for Computers in Psychology

2015 University of Memphis Spring Computer Science Capstone course supervision of two groups, one in collaboration with Phil Pavlik creating a web scraper for online recipes to be used for semantic analysis and a recipe prediction system. The other group created a participant management system for human-subjects including easy electronic signatures and storage of consent to participate.

2014, 2015 Cognitive Science Society program committee member (meta-reviewer)

2014-current University of Memphis Awards Committee Member, focus on internal and external funding opportunities for undergraduate and graduate students

## STEPHANIE HUETTE

2014-current University of Memphis Undergraduate Cognitive Science Concentration faculty coordinator, responding to undergraduate requests about cognitive science, refining of concentration and expanding into Cognitive Science minor

### *Service during Graduate School*

Eyelink II Eye-tracking Usage Certification Course for interested undergraduate, graduate, post doctorate & faculty at UC Merced, 2010-2013.

Coordinated first summer-term human-subjects research pool, UC Merced 2010.

Organizing member of Future of Cognitive Science conference at the University of California, Merced (May, 2009).