July 29, 2016

Ana E. Van Gulick, Ph.D.

Research Liaison to Psychology and BrainHub
Carnegie Mellon University

Hunt Library 410
4909 Frew Street, Pittsburgh, PA 15213
Phone: 315.569.4539
Email: anavangulick@cmu.edu
Web: www.anavangulick.com
ORCID: 0000-0002-8133-6395

EDUCATION

2009-2014 **Vanderbilt University, Department of Psychology**
Nashville, TN
Ph.D. – Psychology: Cognition and Cognitive Neuroscience
Advisor: Isabel Gauthier, Ph.D.
Dissertation: The Measurement of Semantic Knowledge and Its Contribution to Object Recognition Performance

2005-2009 **Brown University**
Providence, RI
Sc.B. with Honors – Cognitive Science
Honors thesis advisor: Michael J. Tarr, Ph.D.

POSITIONS

2016-Present **University Libraries**, Carnegie Mellon University, Pittsburgh, PA
Department of Psychology, Carnegie Mellon University, Pittsburgh, PA
Center for the Neural Basis of Cognition, Carnegie Mellon University, Pittsburgh, PA
Research Liaison to Psychology and BrainHub - Librarian, Library faculty
Courtesy appointment - Assistant Professor of Psychology

2014-2016 **University Libraries**, Carnegie Mellon University, Pittsburgh, PA
Center for the Neural Basis of Cognition, Carnegie Mellon University, Pittsburgh, PA
Center for Library and Information Resources (CLIR) Postdoctoral Fellow for Data Curation in the Sciences and Social Sciences

2009-2014 **Object Perception Lab**, Vanderbilt University, Psychology Department, Nashville, TN, PI: Isabel Gauthier, Ph.D.
Independent Research, Ph.D. Candidate

2006-2009 **TarrLab**, Brown University, Cognitive and Linguistic Science Department, Providence, RI, PI: Michael Tarr, Ph.D.
Independent Research, Undergraduate Honors Student

2008-2009 **Causality and Mind Lab**, Brown University, Cognitive and Linguistic Science Department, Providence, RI, PI: David Sobel, Ph.D.
Research Assistant

2006 **ReCALL Lab**, Syracuse University, Psychology Department, Syracuse, NY, PI: Paul Verhaeghen, Ph.D.
Research Assistant

PEER-REVIEWED PUBLICATIONS

Kitchin, J.R., **Van Gulick, A.E.**, Zilinski, L.D. (2016). Automating data sharing through authoring tools. International Journal on Digital Libraries. doi:10.1007/s00799-016-0173-7

McGugin, R.W., **Van Gulick, A.E,** and Gauthier, I. (2016). Cortical thickness in fusiform face area predicts face and object recognition performance. *Journal of Cognitive Neuroscience*, 28(2), 282-294. doi:10.1162/jocn_a_00891

Lee, W.-Y., Cho, S.-J., McGugin, R.W., **Van Gulick, A.**, Gauthier, I. (2015). Differential item functioning analysis of the Vanderbilt Expertise Test for cars (VETcar). *Journal of Vision* 15(13):23. doi:10.1167/15.13.23

Van Gulick, A.E., McGugin, R.W., and Gauthier, I. (2015). Measuring non-visual knowledge about object categories: The Semantic Vanderbilt Expertise Test. *Behavior Research Methods.* doi:10.3758/s13428-015-0637-5

Cho, S.-J., Wilmer, J., Herzmann, G., McGugin, R., Fiset, D., **Van Gulick, A.E**, Ryan, K., and Gauthier., I. (2015). Item Response Theory Analyses of the Cambridge Face Memory Test (CFMT). *Psychological Assessment*, 27(2), 552-566. doi:10.1037/pas0000068

Folstein, J.R., Palmeri, T.J., **Van Gulick, A.E**, and Gauthier, I. (2015). Category learning stretches neural representations in visual cortex. *Current Directions in Psychological Science*, 24(1), 17-23. doi:10.1177/0963721414550707

McGugin, R.W., **Van Gulick, A.E.**, Tamber-Rosenau, B.J., Ross, D.A., and Gauthier, I. (2015). Expertise effects in face-selective areas are robust to clutter and diverted attention, but not to competition. *Cerebral Cortex*, 25(9), 2610-2622. doi:10.1093/cercor/bhu060

Gauthier, I., McGugin, R.W., Richler, J.J., Herzmann, G., Speegle, M., and **Van Gulick, A.E.** (2014). Experience moderates the overlap between object and face recognition, suggesting a common ability. *Journal of Vision*, 14(8):7. doi:10.1167/14.8.7

Van Gulick, A.E and Gauthier, I. (2014). The perceptual effects of learning object categories that predict perceptual goals. *Journal of Experimental Psychology: Learning, Memory, and Cognition,* 40(5):1307-1320. doi: 10.1037/a0036822

Verhaeghen, P., Aikman, S.N., and **Van Gulick, A.E.** (2011). Prime and prejudice: Co-occurrence in the culture as a source of automatic stereotype priming. *British Journal of Social Psychology*, 50(3): 501-518. doi:10.1348/014466610X524254

CONFERENCE PRESENTATIONS

Van Gulick, A.E. (*Lightning Talk*; May 2016). Quantifying needs for a university research repository system: Carnegie Mellon's approach to prioritizing capabilities and including stakeholders. Research Data Access & Preservation Summit, Atlanta, GA.

Van Gulick, A.E. (*Poster*; February 2016). Creating a discipline-specific template to prepare existing datasets for reuse – An example and use case from psychology. International Digital Curation Conference, Amsterdam, The Netherlands.

Van Gulick, A.E. with Daniels, M., Pickle, S., Simms, S., and Calvert, S. (*Panel Talk*; Oct. 2015). Training Up and Reaching Out: Library Strategies to Coordinate Research Data Management on Campus. Digital Library Federation Forum 2015, Vancouver, BC.

McGugin, R.W., **Van Gulick, A.E.**, and Gauthier, I. (*Poster*; June, 2015). Cortical Thickness in Fusiform Face Area Predicts Face and Object Recognition Performance. Annual Meeting of the Vision Sciences Society, St. Petersburg, FL.

McGugin, R.W., **Van Gulick, A.E.**, and Gauthier, I. (*Poster*; May, 2015). Cortical Thickness in Fusiform Face Area Predicts Face and Object Recognition Performance. Annual Meeting of the Vision Sciences Society, St. Petersburg, FL.

Van Gulick, A.E. with Tagge, N. and Swift, A. (*Panel Talk*, April 2015). Leveraging Expertise to Meet Research Data Management Needs. Advancing Research and Scholarly Communications Conference, Philadelphia, PA.

Van Gulick, A.E. and Gauthier, I. (*Poster*; May, 2014). Measurement of semantic knowledge of object categories: Creating the Vanderbilt Semantic Expertise Test (SVET). Annual Meeting of the Vision Sciences Society, St. Petersburg, FL.

Van Gulick, A.E. and Gauthier, I. (*Poster*; May, 2013). Measurement of visual and semantic knowledge for cars and estimation of experience. Annual Meeting of the Vision Sciences Society, Naples, FL.

Gauthier, I., McGugin, R.W., Richler, J.J., Herzmann, G., Speegle, M., and **Van Gulick, A.E.** (*Poster*; May, 2013). Experience moderates the overlap between object and face recognition, suggesting common ability. Annual Meeting of the Vision Sciences Society, Naples, FL.

Van Gulick, A.E., McGugin, R.W., and Gauthier, I. (*Talk*; October, 2012). Expertise effects for non-face objects in FFA are robust to inattention but not competition. Annual meeting of the Society for Neuroscience, New Orleans, LA.

Folstein, J., Newton, A., **Van Gulick, A.**, Palmeri, T., and Gauthier, I. (*Poster*; October, 2012). Category learning causes long-term enhancement of relevant object dimensions: A multivoxel pattern analysis at 7T. Annual meeting of the Society for Neuroscience, New Orleans, LA.

Van Gulick, A.E. and Gauthier, I. (*Poster*; May, 2012). Creating domains of perceptual processing through category learning. Annual Meeting of the Vision Sciences Society, Naples, FL.

Folstein, J., Newton, A., **Van Gulick, A.**, Palmeri, T., and Gauthier, I. (*Talk*; May, 2012). Category learning causes long-term changes to similarity gradients in the ventral stream: A multivoxel pattern analysis at 7T. Annual Meeting of the Vision Sciences Society, Naples, FL.

Van Gulick, A.E. and Gauthier, I. (*Talk;* November, 2011). Category learning for a (perceptual) purpose. Annual Object Perception, Attention, and Memory Meeting, Seattle, WA.

Van Gulick, A. and Tarr, M. (*Poster;* May 2010). Is object color Memory Categorical? Annual Meeting of the Vision Sciences Society, Naples, FL.

Verhaeghen, P., Aikman, S., and **Van Gulick, A.**, (*Talk;* November, 2007). Roses are Red and Women are Weak: Automatic Stereotype Priming Reflects General Prejudice in the Culture. Annual Meeting of the Psychonomic Society, Long Beach, CA.

Van Gulick, A. (*Talk;* April 2007). Our Visual World: Illusion or Reality? Examples from Change Blindness and Their Implications for Philosophy of Perception. New England Undergraduate Philosophy Conference, Providence College, Providence, RI.

TEACHING, ADVISING, AND SERVICE EXPERIENCE

2015-present **Digital Repository Task Force**, Carnegie Mellon University Libraries
Data Curation Postdoc ad hoc committee member

2015-present **Advising user experience designer**, Carnegie Mellon University Libraries
Shared advising and project oversight with research data consultant on library resources and web content,

2014-present **Research Data Management Steering Committee**, Carnegie Mellon University
Data Curation Postdoc ad hoc committee member

2012-2014 **Mentoring undergraduate research assistants**
Object Perception Lab, Vanderbilt University

2011, 2013 **Guest lecturer**, Vanderbilt University
Introduction to Psychology, Prof. Isabel Gauthier, Spring 2011, Fall 2013

2007, 2009 **Curricular Advising Program**, Brown University
Teaching Assistant
Perception, Profs. Michael Tarr and Laurie Heller, Spring 2009
Human Thinking and Problem-Solving, Prof. Kathy Spoehr, Spring 2007

2006-2009 **Meiklejohn Academic Advising Program**, Brown University
Peer Academic Advisor

2007-2009 **Cognitive Science Department Undergraduate Group**, Brown University
Founding President

2007-2009 **Brown Women in Science & Engineering (WiSE)**
Mentor

AWARDS & HONORS

2014-2016 **CLIR/DLF Postdoctoral Fellowship in Data Curation for the Sciences and Social Sciences**.
Professional development and travel stipend, funding for training
Alfred P. Sloan Foundation via Council on Library and Information Resources.

2010-2013 **Vanderbilt Vision Research Center, National Eye Institute Training Grant**
T32 Trainee, 3 years full tuition, stipend and travel

2009-2013 **Vanderbilt University Graduate Travel Award**

2010, 2011 **National Science Foundation Graduate Research Fellowship**
Honorable Mention

2009 **Award for Excellence in Honors Thesis Research**, Brown University Department of Cognitive and Linguistic Sciences, Providence, RI.

2009 **Honors in Cognitive Science** *Honors Thesis:* Is Object Color Memory Categorical? Brown University Department of Cognitive and Linguistic Sciences, Providence, RI.

2008 **10th Annual University of Pennsylvania Undergraduate Summer Workshop in Cognitive Science and Cognitive Neuroscience**, *Selected Participant*, University of Pennsylvania, Philadelphia, PA.

2007, 2008 **Karen T. Romer Undergraduate Teaching and Research Assistantship (UTRA) Award**, *Summer research funding award*, Brown University Dean of the College, Providence, RI.

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

2008-Present Vision Science Society
2012-Present Society for Neuroscience
2014-Present Organization for Human Brain Mapping
2009-2014 Vanderbilt Vision Research Center
2006-2014 Temporal Dynamics of Learning Center
2006-2014 Perceptual Expertise Network
2008-2009 Association for Psychological Science

AD-HOC REVIEWER

Journal of Experimental Psychology: Human Perception and Performance, Neuroimage

COMMUNITY

2009-Present Brown University Alumni Group, Alumni Interviewing Program
2010-2014 Planned Parenthood of Middle and Eastern Tennessee
Young Professionals Group, board member
2015-Present Planned Parenthood of Western Pennsylvania
Young Leadership Council, board member

REFERENCES

Isabel Gauthier, Ph.D.
David K. Wilson Professor of Psychology
Vanderbilt University, Nashville, TN
isabel.gauthier@vanderbilt.edu
615-322-1778

Michael Tarr, Ph.D.
Head, Department of Psychology
Professor of Psychology and Center for Neural Basis of Cognition
Carnegie Mellon University, Pittsburgh, PA
michaeltarr@cmu.edu
412-268-4379

Lisa D. Zilinski
Research Data Consultant
University Libraries
Carnegie Mellon University, Pittsburgh, PA
ldz@cmu.edu
412-268-6107