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CURRICULUM VITAE

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EDUCATION

2007-2010 Ph.D. in Psychology, University of Missouri, Columbia
Dissertation: *Assessing Single- and Dual-Process Accounts of Recognition Memory Using Hierarchical Bayesian Models*

2004-2007 M.A. in Psychology, University of Missouri, Columbia
Master's Thesis: *Subliminal Priming as a Task-Characteristic Artifact*

2000-2004 B.A. in Psychology, University of Missouri, Columbia
Honor's Thesis: *A Double Prime Test of Spreading Activation*

ACADEMIC APPOINTMENTS

2010 - present Postdoctoral Research Fellow, Vanderbilt University
Adviser: Frank Tong

FELLOWSHIPS

2012 - present F32 Postdoctoral Ruth L. Kirschstein National Research Service Award (NRSA),
National Eye Institute, National Institutes of Health.
Continuously Decoding Visual Perception and Working Memory

2007-2008 Robert S. Daniel Teaching Fellow

PUBLICATIONS

- Pratte, M.S.** & Rouder, J.N. (in press). Assessing the Dissociability of Recollection and Familiarity in Recognition Memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*.
- Tong, F. & **Pratte, M.S.** (2012). Decoding Patterns of Human Brain Activity. *Annual Review of Psychology*. 63, 483–509.
- Pratte, M.S.** & Rouder, J.N. (2011). Hierarchical Single- and Dual-Process Models of Recognition Memory. *Journal of Mathematical Psychology*. 55, 36–46
- Morey, R.D., Rouder, J.N., **Pratte, M.S.**, & Speckman, P.L. (2011). Using MCMC Chain Outputs to Efficiently Estimate Bayes Factors. *Journal of Mathematical Psychology*. 55, 368–378.
- Thiele, J., **Pratte, M.S.**, Rouder, J.N. (2011). On Perfect Working-Memory Performance with Large Numbers of Items. *Psychonomic Bulletin & Review*. 18, 958–963.
- Pratte, M.S.**, Rouder, J.N., & Morey, R.D. (2010). Separating Mnemonic Process from Participant and Item Effects in the Assessment of ROC Asymmetries. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. 36, 224–232.
- Pratte, M.S.**, Rouder, J.N., Morey, R.D., & Feng, C. (2010). Exploring the Differences in Distributional Properties Between Stroop and Simon Effects Using Delta Plots. *Attention, Perception, & Psychophysics*. 72, 2013–2025.
- Rouder, J.N., Yue, Y., Speckman, P.L., **Pratte, M.S.**, & Province, J.M. (2010). Gradual Growth vs. Shape Invariance in Perceptual Decision Making. *Psychological Review*. 117, 1267 – 1274.
- Rouder, J.N., **Pratte, M.S.**, & Morey, R.D. (2010). Latent Mnemonic Strengths are Latent: A Comment on Mickes, Wixted, and Wais (2007). *Psychonomic Bulletin & Review*. 17, 427 – 435.
- Pratte, M.S.** & Rouder, J.N. (2009). A task-difficulty artifact in subliminal priming. *Attention, Perception, & Psychophysics*, 71, 1276-1283.
- Rouder, J.N., Speckman, P.L., Steinley, D., **Pratte, M.S.**, & Morey, R.D. (2009). A Bootstrap Test of Shape Invariance Across Distributions. *Current methodological developments of statistics in the social sciences*. 159–174. (Wiley, New York).
- Morey, R.D., **Pratte, M.S.**, & Rouder, J.N. (2008). Problematic effects of aggregation in z ROC analysis and a hierarchical modeling solution. *Journal of Mathematical Psychology*, 52, 376-388.

Rouder, J.N., Morey, R.D., Cowan, N., Zwilling, C.E., Morey, C.C., & **Pratte, M.S.** (2008). An Assessment of Fixed-Capacity Models of Visual Working Memory. *Proceedings of the National Academy of Science*, 105, 5975-5979.

Speckman, P., Rouder, J.N., Morey, R.M., & **Pratte, M.S.** (2008). Delta plots and coherent distribution ordering. *American Statistician*, 62, 262-266.

Rouder, J.N., Morey, R.D., Speckman, P., & **Pratte, M.S.**, (2007). Detecting Chance: A solution to the null sensitivity problem in subliminal priming. *Psychonomic Bulletin & Review* 14, 597 - 605.

Manuscripts Under Review

Pratte, M.S., Ling, S., Swisher, J.D., & Tong, F. (submitted). How Attention Extracts Objects From Noise.

Pratte, M.S. & Tong, F. (submitted). Continuous Decoding of Visual Features From fMRI Voxel Patterns.

Pratte, M.S. & Tong, F. (in preparation). Spatial Specificity of Working Memory Representations.

TEACHING EXPERIENCE

Independently prepared and lectured:

2009-2010 *Statistical Methods in Psychology*, University of Missouri

2007-2008 *Cognitive Psychology*, University of Missouri

Teaching Assistant:

2010 *Honors Cross-Cultural Psychology*, University of Missouri

2004-2006 *Research Methods*, University of Missouri

2004-2005 *Human Senses*, University of Missouri

2004-2005 *Human Memory*, University of Missouri

PROFESSIONAL SERVICE

Consultant Editor: *Psychological Bulletin & Review*

Ad Hoc Reviewer:

Psychological Science

Journal of Neuroscience

NeuroImage

Cognitive Psychology

Journal of Mathematical Psychology

REFERENCES

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