

Justin A. Jungé
Curriculum Vitae
(updated Fall 2022)

Institution, Contact Information

Princeton Psychology
PSH 223, Peretsman-Scully Hall
Psychology Department
Princeton University
Princeton, NJ, 08540

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Degrees and Education

1999-2003 Harvard University, Cambridge, MA
B.A. in Psychology, June 2003

2003-2008 Yale University, New Haven, CT
M.S. 2005, M. Phil. 2006
PhD in Psychology, June 2008

Publications

Farach, F. J., Treat, T. A., & Jungé, J. A. (2014). Effects of induced and naturalistic mood on the temporal allocation of attention to emotional information. *Cognition & Emotion*, 28 (6), 993 – 1011.

Jungé, J. A., & Dennett, D. C. (2010). Multi-use and constraints from original use. *Behavioral and Brain Sciences*, 33, 277 – 278.

Jungé, J. A., Brady, T., & Chun, M. M. (2009). The contents of perceptual hypotheses: Evidence from rapid resumption of interrupted visual search. *Attention, Perception & Psychophysics*, 71 (4), 681 – 689.

Most, S. B., & Jungé, J. A. (2008). Don't look back: Retroactive, dynamic costs and benefits of emotional capture. *Visual Cognition* 16, 262 – 278.

Jungé, J. A., Scholl, B. J., & Chun, M. M., (2007). How is spatial context learning integrated over signal vs. noise?: A primacy effect in contextual cuing. *Visual Cognition*, 15, 1 – 11.

Turk-Browne, N. B., Jungé, J. A., & Scholl, B. J., (2005). The automaticity of visual statistical learning. *Journal of Experimental Psychology: General*, *134*, 552 – 564.

Flombaum, J. I., Jungé, J. A., & Hauser, M. D. (2005). Rhesus monkeys (*Macaca mulatta*) spontaneously compute addition operations over large numbers. *Cognition*, *97*, 315 – 325.

Franconeri, S. L., Simons, D. J., & Jungé, J. A., (2004). Searching for stimulus-driven shifts of attention. *Psychonomic Bulletin & Review*, *11*, 876 – 881.

Huang, L., Pashler, H., & Jungé, J. A., (2004). Are there capacity limitations in symmetry perception? *Psychonomic Bulletin & Review*, *11*, 862 – 869.

Academic Fellowships

Graduate Fellowship (2003-2008)
Yale University, Department of Psychology

Summer Fellowship (2006)
Dartmouth University, Summer Institute in Cognitive Neuroscience

Post Doctoral Fellowship (2008-2010)
Tufts University, Center For Cognitive Studies

Post Doctoral Fellowship (2008-2015)
Harvard University, Department of Psychology

Teaching Experience

Princeton University

Lab Course Curriculum Development:

Research Methods in Psychology

Introduction to Psychology (in person Spring 2016, online Fall 2020)

Cognitive Psychology

Computational Modeling of Psychological & Brain Function

Social Psychology*

*all of the above are labs 3 hours/week, except Social Psychology which is 1h/w.

Lecturer: Quantitative Methods in Psychology ('16, '17, '18, '19, '20, '21, '22)

Lecturer: Cyborg Psychology (Spring 2019, '20,)

Lecturer: Research Methods in Psychology (Fall 2020, '21, '22)

Lab Instructor: Research Methods in Psychology (Fall 2015, '16, '17, '18)

Lab Instructor: Cognitive Psychology (Fall 2015, Spring 2017)

Lab Instructor: Introduction to Psychology (Spring 2016, Fall 2016, Fall 2018)

Harvard University

- Teaching Fellow: Origins of Knowledge (Fall 2008)
Professor Elizabeth Spelke
- Teaching Fellow: Psychological Science (Fall 2010)
Professor Jason Mitchell
- Teaching Fellow: Social Psychology (Spring 2011)
Professor Joshua Greene
- Teaching Fellow: Research Methods in Psychology (Spring 2011)
Professor Ken Nakayama
- Lecturer: Perception and Imagination
(Fall 2011, Spring 2013, Spring 2014, Fall 2014)
- Instructor: Psychology Tutorial in Social & Cognitive Neuroscience
(Fall 2012, Spring 2013 (x2), Fall 2013, Spring 2014, Fall 2014, Spring 2015)
- Lecturer: Psychology Live (Fall 2013)
- Lecturer: Cyborg Psychology (Spring 2015)

Harvard Extension School & Summer School

- Teaching Assistant: Social Psychology (Spring 2011)
- Teaching Assistant: Philosophy of Mind & Brain Sciences (Summer 2011)
- Teaching Assistant: Introduction to Psychology (Summer 2011)
- Teaching Assistant: Philosophy of Mind (Fall 2011)
- Lecturer: Philosophy of Mind & Brain Sciences (Summer 2012)

Tufts University

- Instructor: Brain Wars (Spring 2009)

Yale University

- Teaching Fellow: Introduction to Cognitive Science (Fall 2004 & 2006)
Professor Brian Scholl
- Teaching Fellow: Introduction to Psychology (Spring 2005)
Professor Marvin Chun
- Teaching Fellow: Sex, Evolution, & Human Nature (Spring 2007)
Professor Laurie Santos

Empirical Research Interests

Visual Attention and Awareness

Competition & Capacity Limits, Mechanisms of Selection, Role of Emotion,
Perceptual Hypothesis Testing, Recursion, Reentrance, & Inferential Processing

Theory Research Interests

Information Theory & Natural Compression Algorithms

Brain Evolution, Origins of Sensation and Perception

Philosophy of Science and Mind

Probabilistic Laws and the Emergence of Order

Material and Information in Different Branches of Science

Virtual / Mathematical Models Used by Minds