

**Thomas A. Langlois, Ph.D, M.S**  
30 Bank st. apt.1, Princeton, NJ, 08542  
Email: [thomas.langlois@berkeley.edu](mailto:thomas.langlois@berkeley.edu)  
Website: <https://www.thomaslanglois.net>

## APPOINTMENTS

<b>Princeton University</b> Postdoctoral Research Associate, Department of Computer Science	2020 - Current
<b>Max Planck Institute for Empirical Aesthetics (MPIEA)</b> Visiting Researcher	2020 - Current
<b>Princeton University</b> Visiting Postdoctoral Research Associate, Department of Psychology	2018 - 2020
<b>University of California, Berkeley</b> Postdoctoral Scholar, Helen Wills Neuroscience Institute (HWNI)	2018 - 2020
<b>University of California, Berkeley</b> Postdoctoral Scholar, Social Science Matrix	2018 - 2019

## EDUCATION

<b>University of California, Berkeley</b> <b>Ph.D.</b> Psychology – Cognition Program Computational Cognitive Science Lab Advised by: Thomas L. Griffiths	2018
<b>University of California, Berkeley</b> <b>M.S.</b> Computer Science, Electrical Engineering and Computer Sciences (EECS)	2018
<b>Georgetown University</b> , Georgetown College, Washington, DC <b>B.A.</b> , Psychology & <b>B.A.</b> Studio Art & Art History	2008

## JOURNAL ARTICLES & CONFERENCE PAPERS

**Langlois, T. A.\***, Zhao, H.C.\*, Grant, E., Dasgupta, I., Griffiths, T. & Jacoby, N. (2021). Passive Attention In Neural Networks Predicts Human Visual Selectivity. *Advances in Neural Information Processing Systems (NeurIPS)*, 35. \*\*Accepted (Oral)\*\*

**Langlois, T. A.\***, Jacoby, N.\*, Suchow, J., & Griffiths, T. (2021). Serial Reproduction Reveals the Geometry of Visuospatial Representations. *Proceedings of the National Academy of Sciences (PNAS)*, 118(13).

**Langlois, T. A.**, Jacoby, N., Suchow, J., & Griffiths, T. (2019). Orthogonal multi-view three-dimensional object representations in memory revealed by serial reproduction. *Proceedings of the 41st Annual Conference of the Cognitive Science Society*. \*\*paper and poster\*\*

**Langlois, T. A.\***, Jacoby, N.\*, Suchow, J., & Griffiths, T. (2017). Uncovering visual priors in spatial memory using serial reproduction. *Proceedings of the 39th Annual Conference of the Cognitive Science Society*. \*\*paper and talk\*\*

Palmer, S. E. & **Langlois, T. A.** (2017) Effects of implied motion and facing direction on positional preferences in single-object pictures. *Perception*, 46(7), 815-829.

Palmer, S. E., **Langlois, T. A.**, & Schloss, K. B. (2016). Music-to-color associations of single-line piano melodies in non-synesthetes. *Multisensory Research*, 29(1-3), 157-193.

*Authors who equally contributed to a publication are marked with a \**

## **POSTERS**

**Langlois, T. A.**, Jacoby, N., Suchow, J., & Griffiths, T. (2019). Orthogonal multi-view three-dimensional object representations in memory revealed by serial reproduction. *Proceedings of the 41st Annual Conference of the Cognitive Science Society*.

**Langlois, T. A.**, **Jacoby, N.**, Suchow, J., & Griffiths, T. (2019). Biases in Visual Memory Reflect Precision not Prototypes. Presented at the 18<sup>th</sup> Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL, May 2019.

**Langlois, T. A.**, Peterson, J. C., & Palmer, S. E.. (2015). Relations among Visual Texture, Musical Features, and Emotion. Presented at the 14th Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL, May 2015.

Peterson, J. C., **Langlois, T. A.**, & Palmer, S. E. (2014). The texture of musical sounds: Cross-modal associations from musical timbres and intervals to visual textures. Presented at the 13th Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL, May 2014.

**Langlois, T. A.**, Peterson, J. C., & Palmer, S. E. (2014). Visual Texture, Music, and Emotion. Presented at the 13th Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL, May 2014.

**Langlois, T. A.**, Karen B. Schloss, & Palmer, S. E. (2013). Color, Music, Emotion, and Synesthesia. Presented at the 12th Annual Meeting of the Vision Sciences Society, Naples, FL, May 2013.

**Langlois, T. A.**, Jonathan Sammartino & Palmer, S. E. (2012). Effects of Object Facing Direction and Implied Motion on Preferences for Spatial Composition (2012). Presented at 11th Annual Meeting of the Vision Sciences Society, Naples, FL, May, 2012.

Palmer, S. E., **Langlois, T. A.**, Tsang, T., Schloss, K. B., Levitin, D. J., Color, Music, and Emotion (2011). Presented at the 10th Annual Meeting of the Vision Sciences Society, Naples, FL, May, 2011.

## **INVITED TALKS & PRESENTATIONS**

Max Planck Institute for Empirical Aesthetics, Frankfurt, October 2021

NYU ConCats, New York City, October 2021

Facebook Research Labs (AR/VR), New York City, 2020

Max Planck Institute for Empirical Aesthetics, Frankfurt, November 2019

Proceedings of the 41st Annual Conference of the Cognitive Science Society, Montreal, July 2019

Princeton ImageX Labs (PIXL) lunch talk, Princeton University, Princeton, May 2018

Proceedings of the 39th Annual Conference of the Cognitive Science Society, London, July 2017  
Redwood Center for Theoretical Neuroscience, University of California, Berkeley, April, 2017

**CONTRIBUTED & DEPARTMENTAL TALKS**

Presidential Scholars in Society and Neuroscience (PSSN), Columbia University, April, 2018