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Academic Appointments

2017- Assistant Professor, Department of Psychological and Brain Sciences
Johns Hopkins University

Education

2017	Yale University	Ph.D.	Cognitive Psychology
2011	Brown University	A.M.	Philosophy
2010	Brown University	Sc.B.	Cognitive Neuroscience, Philosophy

Academic Awards and Honors

James B. Grossman Dissertation Prize (2017)
Yale University, Graduate School of Arts and Sciences

Elsevier/Vision Research Travel Award (2014)
Vision Sciences Society, St. Petersburg, FL

William James Prize (2013)
Society for Philosophy & Psychology, Providence, RI

Best Paper Award (2012)
Object Perception, Attention, & Memory meeting (OPAM), Minneapolis, MN

Cognitive Neuroscience Prize (2010)
Brown University, Department of Cognitive & Linguistic Sciences

Karen T. Romer Teaching & Research Award (2009)
Brown University, Dean of the College

Publications

Refereed Journal Articles

Firestone, C., & Scholl, B. J. (in press). Cognition does not affect perception: Evaluating the evidence for 'top-down' effects [target article]. *Behavioral & Brain Sciences*.

Firestone, C., & Scholl, B. J. (in press). Seeing and thinking: Foundational issues and empirical horizons [response to commentaries]. *Behavioral & Brain Sciences*.

Firestone, C., & Scholl, B. J. (2017). Seeing and thinking in studies of embodied "perception": How (not) to integrate vision science and social psychology. *Perspectives on Psychological Science*, 12, 341-343.

Firestone, C., & Keil, F. C. (2016). Seeing the tipping point: Balance perception and visual shape. *Journal of Experimental Psychology: General*, 145, 872-881.

Firestone, C., & Scholl, B. J. (2016). 'Moral perception' reflects neither morality nor perception. *Trends in Cognitive Sciences*, 20, 75-76.

Firestone, C., & Scholl, B. J. (2015). When do ratings implicate perception vs. judgment? The "overgeneralization test" for top-down effects. *Visual Cognition*, 23, 1217-1226.

Firestone, C., & Scholl, B. J. (2015). Enhanced visual awareness for morality and pajamas? Perception vs. memory in 'top-down' effects. *Cognition*, 136, 409-416.

Firestone, C., & Scholl, B. J. (2015). Can you *experience* 'top-down' effects on perception?: The case of race categories and perceived lightness. *Psychonomic Bulletin & Review*, 22, 694-700.

Firestone, C., & Scholl, B. J. (2014). "Please tap the shape, anywhere you like": Shape skeletons in human vision revealed by an exceedingly simple measure. *Psychological Science*, 25, 377-386.

Firestone, C., & Scholl, B. J. (2014). "Top-down" effects where none should be found: The El Greco fallacy in perception research. *Psychological Science*, 25, 38-46.

Firestone, C. (2013). On the origin and status of the "El Greco fallacy". *Perception*, 42, 672-674.

Firestone, C. (2013). How 'paternalistic' is spatial perception? Why wearing a heavy backpack doesn't—and *couldn't*—make hills look steeper. *Perspectives on Psychological Science*, 8, 455-473.

Book Chapters

Firestone, C. (2016). Embodiment in perception: Will we know it when we see it? In H. Kornblith & B. McLaughlin (Eds.), *Alvin Goldman and His Critics* (pp. 318-334). Wiley Blackwell.

Invited Colloquia

Taipei Medical University	<i>Brain & Consciousness Seminar (2 talks)</i>	April 2017
National Taiwan University	<i>Perception Group</i>	April 2017
Colorado State University	<i>Cognitive Area</i>	March 2017
University of Delaware	<i>Cognitive Brownbag</i>	February 2017
Wesleyan University	<i>Psychology Colloquium</i>	October 2016
University of Waterloo	<i>Cognitive Seminar Series</i>	February 2016
Northeastern University	<i>Language and Cognition Colloquium</i>	September 2015
Trinity College	<i>Psychology Club</i>	March 2015
Northwestern University	<i>Cognitive Brownbag</i>	January 2015
University of Chicago	<i>Cognitive Area Speaker Series</i>	January 2015
CUNY Graduate Center	<i>Cognitive Science Speaker Series</i>	February 2014
Rutgers-Newark	<i>Psychology Colloquium</i>	January 2014
Rutgers-New Brunswick	<i>RuCCS Colloquium</i>	November 2012

Invited Conference and Workshop Presentations

Cognition does not affect perception. Invited presentation to the "Are there top-down effects on perception" symposium, *American Philosophical Association (Eastern)*, 1/7/17, Baltimore, MD.

Do we see morality? Exploring the possibility of 'moral perception'. Invited presentation to the *Boston Area Morality Group*, Harvard University, 3/22/16, Cambridge, MA.

Cognition does not affect perception. Invited presentation to the *Border Between Perception & Cognition* seminar, New York University, 9/12/16, New York, NY.

High-level vision: From minds to machines (and back)? Invited talk at the *Office of Naval Research Conference on Understanding Scenes and Events*, 9/13/15, Lake Arrowhead, CA.

There are no (*interesting*) top-down effects on perception. Invited talk at the *Bergen Workshop on the Cognitive Penetrability of Perception*, 6/25/15, Bergen, Norway.

The El Greco fallacy: A new strategy to investigate top-down effects on perception. Invited talk given as part of the 'Cognitive Penetrability' symposium at the annual meeting of the *European Society for Philosophy and Psychology*, 7/9/13, Granada, Spain.

The case against 'paternalistic vision'. Invited talk given at the *NYU Workshop on the Modularity of Perception*, 12/2/12, New York, NY.

Paternalistic vision. Invited presentation to the *Epistemology Meets the Science of Perception and Belief* seminar, Harvard University, 4/11/12, Cambridge, MA.

Contributed Conference Presentations

Firestone, C., & Scholl, B. J. (2017). Seeing physics in the blink of an eye. Talk given at the annual meeting of the *Vision Sciences Society*, 5/20/17, St. Petersburg, FL.

Firestone, C., & Scholl, B. J. (2016). Seeing stability: Perception and attention extract features of intuitive physics. Talk given at the annual *Object Perception Attention and Memory* meeting, 11/17/16, Boston, MA.

Firestone, C., & Scholl, B. J. (2016). Seeing stability: Intuitive physics automatically guides selective attention. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/15/16, St. Petersburg, FL.

Firestone, C., & Scholl, B. J. (2015). Can you simultaneously represent a figure as both an object and an open contour? Hybrid shape representations revealed by the "tap-the-shape" task. Talk given at the annual meeting of the *Vision Sciences Society*, 5/19/15, St. Petersburg, FL. [Abstract published in *Journal of Vision*, 12(12), 1125a, <http://jov.arvojournals.org/article.aspx?articleid=2434235/>]

Firestone, C., & Keil, F. C. (2014). Reconstructing the 'third dimension' from 2D shapes: Evidence from the perception of balance. Talk given at the annual meeting of the *Vision Sciences Society*, 5/20/14, St. Petersburg, FL. [Abstract published in *Journal of Vision*, 14(10), 888a, <http://jov.arvojournals.org/article.aspx?articleid=2144766/>]

* *Elsevier/Vision Research Travel Award*

Firestone, C., & Scholl, B. J. (2013). 'Top-down' effects where none should be found: The El Greco fallacy in perception research. Talk given at the annual meeting of the *Society for Philosophy and Psychology*, 6/14/13, Providence, RI.

* *William James Prize*

Firestone, C., & Scholl, B. J. (2013). 'Top-down' effects where none should be found: The El Greco fallacy in perception research. Talk given at the annual meeting of the *Vision Sciences Society*, 5/13/13, Naples, FL. [Abstract published in *Journal of Vision*, 13(9), 780a, <http://www.journalofvision.org/content/13/9/780/>]

Firestone, C., & Scholl, B. J. (2012). 'Please tap the shape, anywhere you like': An exceedingly simple measure exposes skeletal shape representations. Talk given at the annual *Object Perception Attention and Memory* meeting, 11/15/12, Minneapolis, MN.

* *Best Paper Award*

Firestone, C., & Scholl, B. J. (2012). "Please tap the shape, anywhere you like": The psychological reality of shape skeletons. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/15/12, Naples, FL. [Abstract published in *Journal of Vision*, 12(9), 1155a, <http://www.journalofvision.org/content/12/9/1155/>]

Firestone, C. (2011). Visual paternalism and the penetrability of perceptual experience. Talk given at the annual Princeton-Rutgers Graduate Philosophy Conference, 3/27/11, New Brunswick, NJ.

Firestone, C., & Warren, W. H. (2010). Why does the rabbit escape the fox on a zig-zag path? Predator-prey dynamics and the constant bearing strategy. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/9/10, Naples, FL. [Abstract published in *Journal of Vision*, 10(9), 1049a, <http://www.journalofvision.org/content/10/7/1049/>]

Firestone, C. (2009). Who needs free will? A semi-compatibilist look at being in (and out of) control. Poster presented at "Brain Matters: New Directions in Neuroethics", 9/25/09, Halifax, NS, Canada.

* *Travel Award*

Professional Activities and Affiliations

Memberships

Association for Psychological Science
Society for Philosophy and Psychology
Vision Sciences Society

Ad Hoc Reviewing

Attention, Perception, & Psychophysics
Consciousness & Cognition
Cognition
Cognitive Science
Dialectica
Frontiers in Psychology
i-Perception
Journal of Experimental Psychology: Human Perception and Performance
Journal of Experimental Psychology: General
Journal of Cognitive Psychology
Nature Communications
Oxford University Press
Pain

Perception
Perspectives on Psychological Science
Philosophical Psychology
PLoS ONE
Psychological Research
Psychological Science
Psychonomic Bulletin & Review
Review of Philosophy and Psychology
Society for Philosophy and Psychology
Visual Cognition
Vision Research