

READINGS

Minds & Kinds

1. Aug 22: Introduction: Kinds and Minds (Carnap, Goodman, Quine, Lewis, etc.)
Jaegwon Kim, ch.1
Jaegwon Kim, “Hempel, Explanation, and Metaphysics”
2. Aug 29: Background
Jaegwon Kim, 2-4
3. Sept 5: Natural Kinds
Katarina Perovic, Review of Funkhouser
Eric Funkhouser, 1-2
4. Sept 12: Natural Kinds:
Eric Funkhouser, 3
Stephen Yablo, Mental Causation
5. Sept 19: Natural Kinds
Eric Funkhouser, 4-5
6. Sept 26: Color Kinds
Mazviita Chirimuuta, 1-3
7. Oct 3: Color Kinds
Mazviita Chirimuuta, 4-6
8. Oct 10: *Fall Reading Days*
9. Oct 17: Color Kinds
Mazviita Chirimuuta, 7-8
10. Oct 24: Color Kinds
Mazviita Chirimuuta, PPR symposium
11. Oct 31: What is Cognitive Ontology?
Poldrack, R. A., A. Kittur, D. Kalar, E. Miller, C. Seppa, Y. Gil, D. S. Parker, F. W. Sabb, and R. M. Bilder. 2011. The Cognitive Atlas: Toward a Knowledge Foundation for Cognitive Neuroscience. *Frontiers in Neuroinformatics* 5: article no. 17, 1–11.
Poldrack, R. A., and T. Yarkoni. 2016. From Brain Maps to Cognitive Ontologies: Informatics and the Search for Mental Structure. *Annual Review of Psychology* 67: 587–612.

- Karl J. Friston and Cathy J. Price. Degeneracy and cognitive anatomy. *TRENDS in Cognitive Sciences* Vol.6 No.10 October 2002: 151-152.
- Karl J. Friston and Cathy J. Price. Degeneracy and redundancy in cognitive anatomy. *TRENDS in Cognitive Sciences* Vol.7 No.4 April 2003: 416-421.
- Cathy J. Price and Karl J. Friston. Functional ontologies for cognition: The systematic definition of structure and function. *Cognitive Neuropsychology*, Volume 22, 2005: 262-275.

12. Nov 7: What is Cognitive Ontology?

- Anderson, M.L. 2015. Mining the brain for a new taxonomy of mind. *Philosophy Compass*, 10 (1): 68-77.
- Craver, C. 2004. Dissociable realization and kind splitting. *Philosophy of Science* 71 (5): 960-971.
- Klein, C. 2012. Cognitive Ontology and Region- versus Network-Oriented Analyses. *Philosophy of Science*, 79 (5): 952-960.
- Francken JC and M. Slors M. 2014. From commonsense to science, and back: the use of cognitive concepts in neuroscience. *Consciousness and Cognition* 29: 248-258.
- Cromwell, H. and J. Panksepp. 2011. Rethinking the cognitive revolution from a neural perspective: How overuse/misuse of the term ‘cognition’ and the neglect of affective controls in behavioral neuroscience could be delaying progress in understanding the Brain-Mind. *Neuroscience and Biobehavioral Reviews* 35: 2026–2035.
- Krakauer, J., A. Ghazanfar, A. Gomez-Marín, M. MacIver, and D. Poeppel. 2017. Neuroscience Needs Behavior: Correcting a Reductionist Bias. *Neuron* 93: 480-490.

13. Nov 14: Cognitive Ontology: Philosophical Explorations 20:

- Janssen, A., C. Klein, and M. Slors, [What is a cognitive ontology, anyway?](#)
- Robyn Bluhm, [The need for new ontologies in psychiatry](#)
- Dominic Murphy, [Can psychiatry refurnish the mind?](#)
- Daniel Weiskopf, [An ideal disorder? Autism as a psychiatric kind](#)

14. Nov 21: Cognitive Ontology: Philosophical Explorations 20:

- Jacqueline Sullivan, [Coordinated pluralism as a means to facilitate integrative taxonomies of cognition](#)
- Muhammad Ali Khalidi, [Crosscutting psycho-neural taxonomies: the case of episodic memory](#)
- Felipe de Brigard, [Cognitive systems and the changing brain](#)
- Daniel Burnston, [Interface problems in the explanation of action](#)

15. Nov 28: Cognitive Ontology: State of the Debate

Readings TBD

16. Dec 5: Exam Week