

# NATURAL KINDS IN COGNITIVE SCIENCE

## WORKSHOP

June 27th & 28th, 2019

York University (South Ross 421)

Organizers: Muhammad Ali Khalidi (York) and Joshua Mugg (Park)

### SPEAKERS :

**SARA ARONOWITZ (PRINCETON)**  
“PROCESS/REPRESENTATION INDIVIDUATION”

**DANIEL BURNSTON (TULANE)**  
“A PLEA FOR TASK ONTOLOGY”

**DAVID COLAÇO (PITTSBURGH)**  
“WHAT COUNTS AS A MEMORY?”

**JAVIER GOMEZ LAVIN (PENNSYLVANIA)**  
“WORKING MEMORY IS NOT A NATURAL KIND”

**DAN KELLY AND STEPHEN SETMAN (PURDUE)**  
“TOO MANY KINDS? SPECIAL SCIENCE AUTONOMY,  
HOMEOSTATIC PROPERTY CLUSTERS, AND THE PROLIFERATION OF NATURAL KINDS”

**JOSHUA MUGG (PARK)**  
“ARE HEURISTICS OR BIASES NATURAL KINDS?”

**DALE STEVENS (YORK)**  
“ARE OBJECTS HARDWIRED IN THE BRAIN?”

**JACQUELINE SULLIVAN (WESTERN)**  
“TRANSLATIONAL COGNITIVE NEUROSCIENCE  
AND COLLABORATIVE KINDS”

**MAGGIE TOPLAK (YORK)**  
“LONGITUDINAL DEVELOPMENT OF COGNITIVE BIASES,  
COGNITIVE ABILITIES AND THEIR ASSOCIATION”

REGISTRATION/MORE INFORMATION AT: [COGNITIVEKINDS.WORDPRESS.COM](http://COGNITIVEKINDS.WORDPRESS.COM)

**Natural Kinds in Cognitive Science Workshop**  
**York University, Ross S 421, June 27-28**

**Thursday**

- 10-10:15 Welcome - Coffee & Tea
- 10:15-11:15 **Dan Kelly (Purdue) & Stephen Setman (Purdue)**  
“Too Many Kinds? Special Science Autonomy, Homeostatic Property Clusters, and the Proliferation of Natural Kinds”
- 11:15-12:15 **Dan Burnston (Tulane)**  
“A Plea for Task Ontology”
- 12:30-1:30 Lunch
- 1:30-2:30 **Maggie Toplak (York)**  
“Longitudinal Development of Cognitive Biases, Cognitive Abilities and their Association”
- 2:30-3:30 **Joshua Mugg (Park)**  
“Are Heuristics or Biases Natural Kinds?”
- 3:30-4:00 Coffee & Tea Break
- 4:00-5:00 **Sara Aronowitz (Princeton)**  
“Process/Representation Individuation”

**Friday**

- 10-10:15 Welcome - Coffee & Tea
- 10:15-11:15 **Javier Gomez Lavin (Penn)**  
“Working Memory is not a Natural Kind”
- 11:15-12:15 **Jacqueline Sullivan (Western)**  
“Translational Cognitive Neuroscience and Collaborative Kinds”
- 12:30-1:30 Lunch
- 1:30-2:30 **Dale Stevens (York)**  
“Are Objects Hardwired in the Brain?”
- 2:30-3:30 **David Colaço (Pittsburgh)**  
“What Counts as a Memory?”
- 3:30-4:00 Coffee & Tea Break
- 4:00-5:00 **General Discussion**

This workshop is made possible by the generous support of the Department of Philosophy, the Faculty of Liberal Arts and Professional Studies, the Office of the Vice President Research and Innovation, and the Office of the Provost.