

THE BIOLOGY OF BEHAVIOUR

Explanatory Pluralism Across the Life Sciences | May 10-11th 2018

UQAM

Salle W-5215

Pavillon Thérèse-Casgrain (W)
455, boul. René-Lévesque Est
Montréal, H2L 4Y2
Métro Berri-UQAM

ORGANISATION

Christophe Malaterre

Chaire de recherche du
Canada en philosophie des
sciences de la vie, UQAM

Eric Muszynski

Doctorant, philosophie, UQAM

Attendance is free, but please
register before Monday May 7th
through the website:

biobehaviour.wordpress.com

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des sciences de la vie
FACULTÉ DES SCIENCES HUMAINES
Université du Québec à Montréal

CIRST
www.cirst.uqam.ca

Thursday, May 10th

9:00-12:30 – Non-human behaviour and typology of behaviors

Clint Kelly (Biological Sciences, UQAM)

Tinbergen's four questions and the biology of behaviour

Wayne Sossin (Neurosurgery and Neurology, Anatomy and Cell Biology, McGill University)

Can one understand 'behaviour' at the molecular level? Experiences from the simple model system of aplysia

Eric Muszynski & Christophe Malaterre (Philosophy, UQAM)

Best behaviour: a proposal for a non-binary conceptualization of behaviour in biology

James Cahill (Biological Sciences, University of Alberta)

Brainless behaviour: experiments in plant behavioural ecology

14:00-16:45 – Human behaviour, proximal and distal explanations

Luc Faucher & Pierre Poirier (Philosophy, UQAM)

A new hope: a better ICM to explain the biosocial construction of human realities

Eric Turkheimer & Lucas Matthews (Psychology, University of Virginia)

Across the great divide: connecting distal genetic causes and complex human behavior

Kathryn Plaisance (Knowledge Integration, Philosophy, University of Waterloo)

Understanding 'what could be': an empirical study combining a randomized intervention with behavioral genetic methods and its implications for philosophical accounts of the scientific study of human behavior

Friday, May 11th

9:00-12:30 – Behaviour of collectives and integration questions

Simon Reader (Biology, McGill University)

Why mechanisms matter in the evolution of behaviour: debates on social learning

Emma Despland (Biology, Concordia University)

The 'how' and 'why' of collective locomotion in social caterpillars

Helen E. Longino (Philosophy, Stanford University)

Scaling up; scaling down: what's missing?

Eric Hochstein (Philosophy, University of Victoria)

Learning the right lessons from ontic theories of explanation

13:30-15:00 – Human behaviour, intentionality and gender

Colin Allen (History and Philosophy of Science, University of Pittsburgh)

A place for intentional explanation?

Esther Rosario & Ingo Brigandt (Philosophy, University of Alberta)

Gender based brain studies and methodological plurality

Lunches are provided for speakers and registered attendees