CSBN Fall 2016 Colloquium and Workshop

October 6-7, 2016

Center for Studies in Behavioral Neurobiology

Thu Oct 6, 2016
Room RF 110
4:00 pm

Colloquium

Dr. John Pearce, FRS
Cardiff University

A new look at an old theory.
Hosts: Mihaela Iordanova and Jonathan Britt

Fri Oct 7, 2016
Room RF 110
9:00 am

Fall Workshop 2016

Welcome

Learning theory: fear, reward, and expectations across time and space

9:15 am

Dr. Mihaela Iordanova
CSBN / Concordia University

Reducing reward expectancy: neurobiology and lasting behavioural change.

10:00 am

Coffee break

10:15 am

Dr. Mark Brandon
McGill University/Douglas

Spatial and temporal coding in the entorhinal-hippocampal circuit.

11:00 am

Student data blitz

- Yining Chen
  (Sakata lab, CSBN / McGill U.)

  Attention and vocal learning in songbirds.

- Franz Villaruel
  (Chaudhri lab, CSBN / Concordia U.)

  TBA

- Marie-Pierre Cossette
  (Shizgal lab, CSBN / Concordia U.)

  Contrasting effects of rewarding electrical and optical stimulation.

- Ashraf Mahmud
  (Iordanova lab, CSBN / Concordia U.)

  VTA dopamine in learning to predict fear.

- Milan Valyear
  (Chaudhri lab, CSBN / Concordia U.)

  TBA

- Alexandre Fisette
  (Fulton lab, CSBN / U. de Montréal)

  ABHD6 in the ventromedial hypothalamus is crucial for endocannabinoid-mediated metabolic flexibility.

12:15 pm

Lunch (Room RF 130)

1:15 pm

Dr. Gavan McNally
University of New South Wales

Placing prediction error into the fear circuit.

2:00 pm

Dr. Naoshige Uchida
Harvard University

Arithmetic and neural circuits underlying dopamine prediction errors.

2:45 pm

Concluding remarks

For more information:

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