

RADY FACULTY OF HEALTH SCIENCES

EDGE OF SCIENCE AND MEDICINE VISITING SPEAKER SERIES

Department of Human Anatomy & Cell Science

Linking Brain and Behavior through Brain Mapping Data

MONDAY, FEBRUARY 10, 2020 | 12:00 - 1:00 PM

Frederic Gaspard Theatre · Basic Medical Science Building · Bannatyne Campus



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This presentation will review some of the latest findings in linking functional brain organization to behavior, and describe the process of building connectome based predictive models to link brain and behavior. The role of resting-state versus task data in building such models will be discussed. Current approaches to brain atlasing needed to build brain-behavior models will be presented, and the insights such approaches provide into the basic assumptions of functional mapping discussed. Suggestions will be provided for a broadening of the concepts underpinning the field of brain mapping.

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