Summer Student Research Program Poster Session

August 9, 2019
11:00 a.m. - 2:00 p.m.
Burke Neurological Institute
Billings Building
Rosedale Room
Please join us for the annual Summer Student Research Program Poster Session as the Class of 2019 present cutting-edge research results to conclude the achievements and discoveries fulfilled during the summer program.

Training the next generation of scientists is a high priority at the Burke Neurological Institute. Our Summer Student Research Program offers scholars the opportunity to participate in cutting-edge basic, translational and clinical neuroscience research programs.

Meet the Class of 2019.

**Organizers**

- Dianna Willis, Ph.D.
  - Associate Director
  - Laboratory for Axonal and RNA Biology
  - Assistant Professor
  - Burke Neurological Institute

- John Cave, Ph.D.
  - Lab Director
  - Laboratory for Neuronal Specification
  - Assistant Professor
  - Burke Neurological Institute

**Jeromy DiGiacomo**

**Poster Title:** Specification of Bulbar-Cervical Corticospinal Projections

**Mentors:** Payal Patel, M.S.; Julia Kaiser, Ph.D.; Vibhu Sahni, Ph.D.

**Academic Institution/Year:** Williams College, Class of 2020

**Mohamed El-Abtah**

**Poster Title:** Anatomical and Functional Analysis of vGlut-Cre Interneurons

**Mentors:** Natasha Koppel, Ph.D.; Yutaka Yoshida, Ph.D.

**Academic Institution/Year:** Harvard, Class of 2021

**Raghavee Neupane**

**Poster Title:** Kinematic Assessment of Upper Limb Movements in Patients with Ataxia

**Mentors:** Tomoko Kitago, M.D.; Stuart Mackenzie, Ph.D.

**Academic Institution/Year:** Miami University, Class of 2021

**Sonia Seth**

**Poster Title:** KDM4C, A Histone Demethylase, As a Primary Target In Neuroprotection Against Ferroptotic Cell Death

**Mentors:** Amit Kumar, Ph.D.; Rajiv Ratan, M.D., Ph.D.

**Academic Institution/Year:** Edgemont High School, Class of 2020

**Rebecca Taylor**

**Poster Title:** EphA4 cKO Promotes Recovery after CST Injury

**Mentors:** Edmund Hollis II, Ph.D.; Nadja Serradj, Ph.D.

**Academic Institution/Year:** Georgetown University, Class of 2022

**Anshuman Das**

**Poster Title:** The Effect of Ferroptotic Inhibitors on Cell Death Induced by Sodium Arsenite Formed Stress Granules

**Mentors:** Nandini Kundu, Ph.D.; Rajiv Ratan, M.D., Ph.D.

**Academic Institution/Year:** Irvington High School, Class of 2021

**Michael Wong**

**Poster Title:** Improving Curveball: Making Vision Measurement Fast and Reliable

**Mentors:** Jeremy Hill, D. Phil.; Scott Mooney, Ph.D.; Glen Prusky, Ph.D.

**Academic Institution/Year:** Tenafly High School, Class of 2021

**Dianna Willis, Ph.D.**

**Assistant Director**

**Laboratory for Axonal and RNA Biology**

**Assistant Professor**

**Burke Neurological Institute**

**John Cave, Ph.D.**

**Lab Director**

**Laboratory for Neuronal Specification**

**Assistant Professor**

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