

Rutgers Youth Enjoys Science Presents

Cohort 1: Teachers



Maria Agapito, PhD

BARD High School Early College, Newark, NJ

Mentor: Jeanne Ferrante, MD

- ♦ *Patient Characteristics Associated with Uptake of Lung Cancer Screening*



Pramila Natarajan, MA

Linden High School, Linden, NJ

Mentor: Wenwei Hu, PhD / Xue Yang, PhD

- ♦ *Understanding Scientific Research: Role of LIF (Leukemia Inhibitory Factor) in Cancer Cachexia*



Jessica Van Horn, MA

Bergen Arts & Science Charter

Mentor: Advaita Madireddy, PhD

- ♦ *Artificial Dye Effect on Fanconi Anemia Patients*



Stacey McKoy, MPhil, MA

Innovation High School, Jersey City, NJ

Mentor: Jian Cao, PhD/Alex Hafiz, MS

- ♦ *Verification of the Subcellular Localization of KDM5C in Mouse and Human Cell Lines*

Cohort 2: Teachers



Maria Tolentino

Woodbridge High School

Mentor: Tracy Anthony, PhD/Jordan Levy, BS

- ♦ *Circadian Phosphorylation of eIF2 α by GCN2 in Response to Amino Acid Insufficiency*



Tristan Mondesir

Linden High School

Mentor: Kyle K. Payne, PhD / Kristen Rigolizzo, BS

- ♦ *UHRF1BP1 as a Mitochondrial Stress Response Factor In Cancer*



Nafeesah Scott

Science Park High School, Newark, NJ

Mentor: Nanjoo Suh, PhD

- ♦ *Proliferation and Migration Potential of Endocrine Disruptors Bisphenol A and Zeranone in Breast Cancer*



Tasha Hester

Camden County Technical School

Mentor: Hossein Khiabani, PhD

- ♦ *Using Cancer Evolution and Algorithmic Thinking to Guide High School Science Instruction*