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:** Advaitha 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 eIF2α 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 Zeranol in Breast Cancer**

Tasha Hester  
Camden County Technical School  
**Mentor:** Hossein Khiabanian, PhD  
- **Using Cancer Evolution and Algorithmic Thinking to Guide High School Science Instruction**