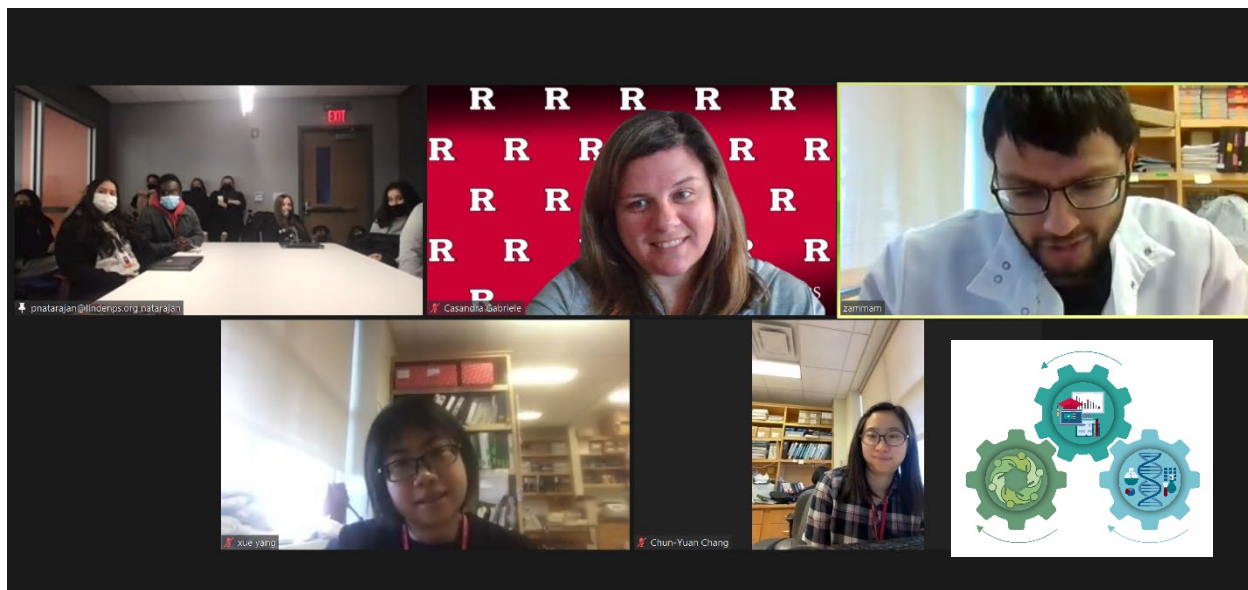


RUYES Community Outreach at Linden High School

Rutgers Youth Enjoy Science Program (RUYES) participant, Mrs. Pramila Natarajan, a teacher at Linden High School organized an outreach event for students at her high school. Mrs. Natarajan is one of four teachers who participated in the RUYES Program in summer 2021. The RUYES Program engages high school science teachers and students in mentored cancer research, provides curriculum development support to create novel instructional approaches for the classroom, and conducts community outreach to increase awareness of science education and value of cancer research.

Mrs. Natarajan hosted research scientists Drs. Zammam Areeb, Xue Yang and Chun-Yuan (Tracy) Chang from Dr. Wenwei Hu's lab at Rutgers Cancer Institute of New Jersey in her classroom, virtually on November 23, 2021. Dr. Hu's lab is researching the function and regulation of the tumor suppressor p53 gene, which plays a key role in tumorigenesis. Mrs. Natarajan's class of IB Biology juniors are learning about experimental design and writing lab reports. Drs. Areeb, Yang, and Chan detailed the process of experimental design in cancer research and shared their professional journey into cancer research to motivate students to consider future careers in STEM.

Through this collaborative community outreach effort between Linden High School's Mrs. Pramila Natarajan, Rutgers Cancer Institute Researchers and RUYES staff, Linden High School students learned about cancer research, experimental design, value of science education, and importance of research to society.



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Interested in becoming a mentor for Summer 2022? Please reach out to RUYES Staff: ruyes@cinj.rutgers.edu