NJIT | Center for Translational Research
New Jersey Institute of Technology

NSF ART
ACCELERATING RESEARCH TRANSLATION

NJIT New Jersey Institute of Technology
Chapter of the National Academy of Inventors



Fall 2026 NSF-NJIT ARTISAN Student Presentation Webinar



Monday
Nov 9, 2026

12:30 AM – 2:00 PM ET

Atrium · Campus Center

Program Agenda

12:30 PM – 1:00 PM	NAI–NJIT Student Innovator and Inventor Club (SIIC) & NJIT ARTISAN Induction Ceremony
1:00 PM – 2:00 PM	NJIT ARTISAN Student Presentation Webinar · Five student research presentations

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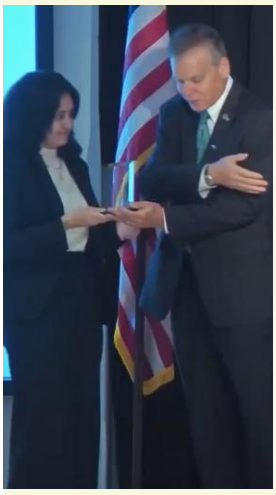
NJIT ARTISAN

Student Presentation Schedule

Monday, November 9, 2026 | 1:00–2:00 PM ET | NJIT Campus Center Atrium

TIME	PRESENTER	RESEARCH PROJECT TITLE
1:00–1:10 PM	Atam Dhawan	Welcome Remarks
1:10–1:20 PM	Aakash Karlekar	Quantifying flow and mixing through porous media using Topological Data Analysis
1:20–1:30 PM	Chadley Gede	NanoSensor for PPT-Level PFAS Real-Time Detection in Water
1:30–1:40 PM	Eesha Oza	Analyzing Functional Connectivity Alterations in White and Gray Matter in Parkinson's Disease
1:40–1:50 PM	Owen Texter	RTCH – The Robotic TMS Coil Holder
1:50–2:00 PM	Happy Boutrus	Optimizing Microparticle Diameter for Uniform Distribution and Controlled Drug Release from Gelatin/alginate Scaffolds for Spinal Cord Injury (SCI) Treatment

About the Programs



NJIT New Jersey Institute of Technology — Chapter of the National Academy of Inventors

NAI–NJIT Student Innovator and Inventor Club (SIIC)

As part of the National Academy of Inventors (NAI) NJIT Chapter, SIIC recognizes students for their innovation and research contributions. This invitation-only program welcomes students who demonstrate creativity and commitment to innovation. Upon completing the application process, students agree to continue developing, proposing, or engaging in an innovative research project.

Visit NAI-Chapter Website →

NSF ART — Accelerating Research Translation

NSF-NJIT ART Integrated Student Ambassador Network (ARTISAN) program

Launched by the NJIT Center for Translational Research (CTR) in collaboration with the NSF's Accelerating Research Translation (ART) initiative, ARTISAN is designed to engage students in translational research & highlight the significance of research and technology translation for high-impact, use-inspired applications. The program enhances educational experiences through innovation and community engagement, cultivating a culture of entrepreneurial and translational thinking.

Visit ARTISAN Website →

