

All times listed are Eastern Time (ET). Sessions will be hosted in-person.

9:00 A.M.	Registration and Breakfast/Coffee
9:30 A.M.	NanoBioNYC Introduction and Announcements **Prof. Rein V. Ulijn**, Director of NanoBioNYC and ASRC Nanoscience Initiative
9:40 A.M.	Welcome Remarks **Dr. Josh Brumberg**, President, The Graduate Center
	Keynote Addresses:
9:45 A.M.	From Function to Fate: Computation and AI Across the Nano–Bio Interface **Dr. Sara Mason**, Brookhaven National Lab
10:25 A.M.	Nanoengineering for the Detection and Treatment of Cancer **Dr. Daniel Heller**, Memorial Sloan Kettering Cancer Center
11:05 A.M.	Break
11:10 A.M.	Session 1: Cross-Cutting Computational Research Session Chair **Prof. Yolanda Small**, York College, CUNY OAA
11:15 A.M.	β-sheet-Driven Structures via Simulation Approaches **Prof. Baofu Qiao**, Baruch College
11:35 A.M.	Modeling the Stereolectronic Effects of Glycosylation Dynamics with Machine-Learned Interatomic Potentials **Eugene Chung**, Hunter College
11:50 A.M.	Photowhittling: A biomimetic polyprenyl chain-shortening in phenolic precursors to plant defense molecules **Akshaya Iyer**, Brooklyn College
12:05 P.M.	***Lunch –*** *ASRC Cafe* *Catering from Yemeni Restaurant – certified Halal* *Kosher options from Holy Schnitzel – OK Kosher Certification*
1:05 P.M.	Session 2: Bio-Inspired Design of Functional Materials/Interfacing Nanotechnology and Biology Session Chair **Prof. Alexander Greer**, Brooklyn College
1:10 P.M.	The Creation of Radiotheranostics for Atypical Teratoid Rhabdoid Tumor **Prof. Brian Zeglis**, Hunter College
1:30 P.M.	Modifying Complex Coacervates Through pH Adjustment **Emily Charleson**, The City College of New York
1:45 P.M.	Dynamic surfactants for biomolecular condensate stabilization **Pooja Chakraborty**, Brooklyn College
2:00 P.M.	Interfacial Water Confinement Couples Hygroactuation and Mechanical Robustness in Free-standing Biocomposites **Yuchen Zhang**, Advanced Science Research Center



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2:15 P.M.	***Poster Presentations –*** *Ground Floor*
3:15 P.M.	Session 3: Green Materials and Energy Solutions Session Chair **Prof. Yuemei Ye**, Lehman College
3:20 P.M.	Molecules to Materials: Biomass as A Platform for Molecular Design **Prof. George John**, The City College of New York
3:40 P.M.	Optimized Expression and Temperature-Dependent Structural Dynamics of Recombinant Human Tropoelastin **Giovanni Crump**, The City College of New York
3:55 P.M.	MALDI-MS2 ion trap quantification of Cu-GHK **Diana Rodriguez**, York College
4:10 P.M.	Session 4: Career Pathways Session Chair **Crisol Aguirre Ortiz**, Biochemistry, ASRC, NanoBioNYC Cohort III
4:15 P.M.	**Fariha Reza**, Biochemistry, CCNY, NanoBioNYC Cohort II EVP, Activator, Nucleate NY
4:20 P.M.	Alumni Chat **Dr. Jui Chaugule**, Head of Research, ProViZiGen **Dr. Adanna Alexander**, VP Investor Relations, ICR Healthcare U.S. **Dr. Rob Collison**, Research Scientist, Advanced Science Research Center
5:10 P.M.	Break
5:15 P.M.	Presentation Award Announcements
5:25 P.M.	Closing Remarks