

# ASRC & The City College of New York

## Seminar in Biochemistry, Biophysics & Biodesign - Spring 2024

Speakers will be via Zoom or in-person as noted

Wednesdays at 12:00 Noon

The ASRC Main Auditorium will be open for both Zoom-only and in-person seminars. For non-CUNY attendees: advance registration is required; please contact Hyacinth Camillieri at [hcamillieri@gc.cuny.edu](mailto:hcamillieri@gc.cuny.edu) for entry to the ASRC no later than 2 days prior to the seminar you are attending.

DATE	SPEAKER	AFFILIATION	ZOOM / IN-PERSON	TITLE
2/21	<b>Thomas Kurtzman</b> Professor Department of Chemistry	<i>Lehman College City Univ of New York Bronx, NY</i>	ZOOM + IN-PERSON	How can water structure and thermodynamics inform lead drug discovery and design?
2/28	<b>Christiane Riedel</b> Professor Department of Biology	<i>École Normale Supérieure de Lyon Lyon, France</i>	ZOOM	Unravelling virus architecture and entry employing cryo electron tomography
3/6	<b>Stephen Burley</b> University Prof and Henry Rutgers Chair Dept. of Chemistry & Chemical Biology	<i>Rutgers, The State Univ. of New Jersey Piscataway, NJ</i>	ZOOM + IN-PERSON	Protein Data Bank: From Two Epidemics to the Global Pandemic to mRNA Vaccines and Paxlovid
3/13	<b>Amy L. Kenter</b> Professor Dept. of Microbiology & Immunology	<i>Univ. of Illinois College of Medicine at Chicago</i>	ZOOM	V(D)J recombination in the 3D nucleus of pro-B cells
3/20	<b>Anthony Mittermaier</b> Associate Professor Department of Chemistry	<i>McGill University Montreal, Canada</i>	ZOOM	Feeling the Enzymatic Heat: Isothermal Titration Calorimetry as Universal Enzyme Assay
3/27	<b>Brian Kelch</b> Associate Professor Biochem. & Molecular Biotechnology	<i>Univ. of Massachusetts Chan Medical School Worcester, MA</i>	ZOOM + IN-PERSON	Peering under the hood of Nature's macromolecular machines: motors, rings, springs and things
4/3	<del>No seminar</del>			
4/10	<b>Shana Elbaum-Garfinkle</b> Assistant Professor Program in Biochemistry	<i>CUNY ASRC SBI The Graduate Center New York, NY</i>	ZOOM + IN-PERSON	Tunable properties and dynamics of biomolecular condensates
4/17	<b>Sharon Hammes-Schiffer</b> Professor Department of Chemistry	<i>Princeton University Princeton, NJ</i>	ZOOM + IN-PERSON	Proton-Coupled Electron Transfer in Enzymes and Photoreceptor Proteins
4/24	<del>No seminar - Spring Break</del>			
5/1	<b>R. Andrew Byrd</b> Senior Investigator Center for Structural Biology	<i>NIH Ctr. for Cancer Research Frederick, MD</i>	ZOOM + IN-PERSON	Surface Dancing: peripheral membrane complexes at the surface – challenges for integrated structural biology
5/8	<b>Alisha Jones</b> Assistant Professor Chemical Biology	<i>New York University New York, NY</i>	ZOOM + IN-PERSON	Exploring the multi-functionality of long noncoding RNAs
5/15	<b>Daniel Keedy</b> Assistant Professor Dept of Chemisstry & Biochemistry	<i>CUNY ASRC SBI City College of NY New York, NY</i>	ZOOM + IN-PERSON	Mapping and Exploiting the Internal Wiring of Dynamic Protein Structures