

## APS Plenary Session

### Monday, May 9, Afternoon

- 1:15 – 1:25 Michelle Mejia, Vice-chair, APS Users Organization (Dow Chemical Company)  
*Welcome and Announcement of the 2022 Gopal K. Shenoy Excellence in Beamline Science Award Winner: Suresh Narayanan*
- 1:25 – 1:40 Jim Kerby, Director, APS Upgrade (Argonne National Laboratory)  
*APS Upgrade Update*
- 1:40 – 2:20 Qilin Guo (University of Wisconsin, Madison)  
2022 Rosalind Franklin Young Investigator Award Recipient  
*Revealing the Transient Dynamics in Laser Powder Bed Fusion Additive Manufacturing Process via In Situ X-ray Imaging and Diffraction*
- 2:20 – 3:00 Colleen Hansel (Woods Hole Oceanographic Institution)  
*Complexity of Synergistic and Competing Reaction in the Formation of Manganese Oxides*
- 3:00 – 3:10 Break
- 3:10 – 3:50 Samantha Greasley (Pfizer) and Lisa Keefe (Hauptman-Woodward Medical Research Institute)  
*Fighting the Pandemic: A Structure-based Drug Design Success*
- 3:50 – 4:30 Shirley Meng (University of Chicago)  
*Accelerating the Design of Next-generation Battery Materials with Advanced X-ray Scattering Science*
- 4:30 – 5:10 David Yancey (Dow Chemical Company)  
*Measurement Science Capability Development at Dow: Industrial Collaboration at Universities and National Laboratories*
- 5:10 Adjourn