

Center of Biomedical Research Excellence (COBRE) in Structural Biology
9th Annual Symposium on Structural Biology
(to be held virtually and hosted by Symposium by ForagerOne)
Thursday, June 24, 2021

9:00 - 9:15 am	Welcome/Opening Remarks (Ann West, COBRE PI, OU-Norman)
9:15 – 10:00 am	Natalie Ahn, University of Colorado, Boulder, Keynote speaker "The importance of protein dynamics for kinase acPvaPon and inhibitor design: The case of ERK2" Introduced by Ann West, OU-Norman
10:00 - 10:30 am	Gloria Borgstahl, University of Nebraska "Direct detection of coupled proton and electron transfers in human manganese superoxide dismutase" Introduced by Shanteri Singh, OU-Norman
10:30 – 10:40 am	BREAK
10:40 – 11:10 am	David Taylor, University of Texas, Austin "A tail of two subunits: CRISPR-Cas complex assembly" Introduced by Rakhi Rajan, OU-Norman
11:10 – 11:40 am	Alexandra Deaconescu, Brown University "Interplay between transcription, DNA repair and molecular evolution" Introduced by Christina Bourne, OU-Norman
11:40 - 1:00 pm	LUNCH BREAK
1:00 – 1:45 pm	Jason McLellan, University of Texas, Austin "Structure-function studies of the SARS-CoV-2 spike and development of COVID-19 interventions" Introduced by Gillian Air, OU Health Sciences Center
1:45 – 2:00 pm	BREAK
2:00 - 3:00 pm	Workshop: "How to grow better crystals" Moderated by Blaine Mooers, OU Health Sciences Center
3:00 - 3:30 pm	Meet the Speakers (Zoom breakout room)
3:30 – 4:00 pm	Poster Session A (live sessions with presenters 1-10 via Zoom)
4:00 – 4:30 pm	Poster Session B (live sessions with presenters 11-20 via Zoom)