

**Center of Biomedical Research Excellence (COBRE) in Structural Biology**  
3<sup>rd</sup> Annual Symposium on Structural Biology  
Astellas Room (3410/3430)  
Stephenson Life Sciences Research Center (SLSRC), Norman, OK  
June 8, 2015

**Registration**

8:30 am Registration (3<sup>rd</sup> floor south, SLSRC)

**Welcome/Opening Remarks**

9:00 - 9:10 am Ann West, COBRE PI, OU-Norman

**Speakers**

9:10 - 10:00 am Keynote speaker: Doug Rees, California Institute of Technology  
"Nitrogenase: inside the black box"  
Introduced by George Richter-Addo, OU-Norman

10:00 - 10:35 am Sean Crosson, University Chicago  
"Bacterial sensory transduction"  
Introduced by Christina Bourne, OU-Norman

10:35 – 10:50 am BREAK

10:50 - 11:25 am Sangita Sinha, North Dakota State University  
"Disorder-to-order transitions in Beclin 1 regulate autophagy"  
Introduced by Rakhi Rajan, OU-Norman

11:25 – 12:00 pm Matthew Gentry, University of Kentucky  
"Glucan phosphatases link neurodegeneration and starch metabolism"  
Introduced by Marie Hanigan, OUHSC

12:00 - 1:00 pm LUNCH (1<sup>st</sup> floor north, near Elements Cafe)

**Workshops**

1:00 – 2:30 pm Workshop #1: Best practices for in-house X-ray data collection and processing (Jim Pflugrath, Rigaku)  
Moderated by Liz Karr, OU-Norman

2:30 - 3:15 pm Workshop #2a: What is new at the PDB? Resources for exploring a structural view of biology (Shuchismita Dutta, Protein Data Bank)  
Moderated by Paul Sims, OU-Norman

3:15 - 4:00 pm Workshop #2b: What is new at the PDB? Structure deposition, annotation and validation (Stephen Burley, Protein Data Bank)  
Moderated by Blaine Mooers, OUHSC

**Poster session**

4:00 - 5:30 pm      Poster session and vendor exhibits  
(SLSRC, 1<sup>st</sup> floor north, near Elements Cafe)

*Soft drinks will be available in the Elements Café area during the workshops and poster session.  
Vendor tables will be open all afternoon.*

5:45 pm              Announcement of Poster Prize Awards (graduate students and postdocs)

**Dinner**

6:00 pm              Rudy's BBQ, 3450 Chautauqua Ave. (directions in registration packet)