Center for Eukaryotic Gene Regulation  
Annual Fall Scientific Retreat
Hosted for CEGR Undergrads, Grads, Prospective students, Postdocs & PIs

- **When:** October 13, 2016 1-9 pm
- **Where:** Penn State’s Civil Engineering Lodge, by Lake Perez in Stone Valley
- **GoogleMap:** [https://goo.gl/maps/qsziamHfozp](https://goo.gl/maps/qsziamHfozp)

1:00pm  
Arrive and drop off posters @C.E. Lodge

1:30-3:30pm  
CEGR hike – Lake Trail (2.5 miles)  
*(Start at Civil Engineering Lodge, Lake Perez)*

3:30-4:00 pm  
Refreshments. Outdoor activities at the site.

4:00-5:30pm  
Posters Sessions

- At the outdoor patio and covered porch areas. Refreshments available.

5:30-6:30pm  
Dinner (catered indoors)

6:30-8:00pm  
PI-led discussions

- 6:30-6:50pm  
  Shaun Mahony (plus time for Q&A)
- 7:00-7:20pm  
  Song Tan
- 7:30-7:50pm  
  Yanming Wang

  *Lab initiatives. Future research trends and topics of interest.*

8:00-9:00pm  
Bonfire outside and continued poster discussions
CEGR: Annual Fall Scientific Retreat
Poster Session Signups
4:00-5:30pm  Poster Sessions - Outdoor patios/Covered Porches

**Title:**
1.a Structural Heterogeneity in the RNA Polymerase II C-Terminal Domain.
1.b The Drosophila general regulatory factor M1BP drives expression of ribosomal protein genes by recruiting TRF2 to their promoters
2.a In vitro genomics reveal the intrinsic DNA sequence determinants of transcription factor binding in S. cerevisiae.
2.b Genome wide reprogramming of transcription machinery under physiological perturbation.
3.a Feed forward regulatory strategy during direct motor neuron programming.
3.b 3D Structural Inference at 1-Kb Resolution
4.a Long-distance gene modulation in yeast.
4.b Extranucleosomal DNA enhances the activity of the LSD1/CoREST Histone Demethylase Complex.
5.a PAD4 is required for Macrophage Extracellular Traps (METs) formation in mice peritoneal cavity macrophage.
5.b Genome-wide uniformity of human “open” pre-initiation complexes.
6.a
6.b
7.a
7.b

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- Each poster session author will be provided with a 4’ x 4’ poster board area and mounting velcro. The board will indicate the poster number in upper right or left corner, each side will be labeled A or B. Authors are responsible for mounting their posters and removing them as soon as the session ends. Posters left up past that time will be discarded.
- All illustrations, charts, etc., to be posted should be prepared in advance as materials for these purposes will not be available at the meeting site. CEGR will provide velcro for the posters.
- Authors may wish to bring extra copies of their data and conclusions. No duplication facilities will be available. Authors may also wish to provide sign-up sheets or a QR code for attendees who may wish additional information, reprints, etc.
Directions to Stone Valley Recreation Area

CE Lodge GPS—10266 Lodge Lane, Petersburg, PA 16669

From State College/University Park:
⇒ Take Route 26 South (Route 26 is College Avenue and the southerly direction runs in the same direction as the one way section of College Avenue).
⇒ Continue on Route 26 South for approximately 5 miles until you reach the village of Pine Grove Mills. In Pine Grove Mills, Route 26 South will turn left at an intersection with a flashing traffic light.
⇒ After turning left, continue on Route 26 for an additional 4 miles.
⇒ Turn right off of Route 26 onto SR 1029 (Charter Oak Road). There are Stone Valley Recreation Area directional signs on Route 26 before this intersection, and Charter Oak is after R.26 leaves Rothrock State Forest.
⇒ Continue on SR 1029 for an additional 1.7 miles to the East Entrance or 3.5 miles to the West Entrance.

East Entrance provides access to:
◊ Carolina-T Climbing Wall
◊ Shaver's Creek Environmental Center
◊ Hayrides
◊ Lake Perez
◊ Cabins
◊ Day Use Picnic Area
◊ Picnic Pavilion

West Entrance provides access to:
◊ Boat House (Cabin #12)
◊ Civil Engineering Lodge
◊ Odyssey III Challenge Course
◊ Alpine Tower / Giant Swing
◊ Team Development Course

From Interstate 80:
⇒ Take exit 24 to Route 26 South.
⇒ Continue on Route 26 S. until you reach Pine Grove Mills, then follow directions above.
⇒

From Pittsburgh:
⇒ Take Route 22 E. to Route 220 N (Interstate 99) towards Altoona.
⇒ Continue on Route 220 N to Route 322E at Port Matilda.
⇒ Continue on Route 322E to Route 26 S at State College, then follow directions above.
⇒

From Philadelphia:
⇒ Take Interstate 76 W to Route 322 W at Harrisburg.
⇒ Continue on Route 322 W to Route 26 at State College, then follow directions above.