



# 2022 Elizabeth Jones Annual Biological Sciences Retreat

Friday, September 23<sup>rd</sup>

Camp Guyasuta (McGinnis Center)  
300 23rd St, Sharpsburg, PA 15215



8:30a-9:00am	Arrival and Breakfast
9:00am	Welcome
Session 1 Chair: Brooke McCartney	
9:05am	Faculty Talk: Leon Zhao <i>Nanoscale tissue imaging using molecule anchorable gel-enabled nanoscale in-situ fluorescence microscopy</i>
9:30am	Faculty Talk: Jon Minden <i>So what if it took 32 years to figure out</i>
9:55am	Faculty Talk: Drew Bridges <i>Regulatory control of lifestyle decisions in Vibrio cholera</i>
10:20am	Coffee Break
10:55am	GSA Vote
Session 2 Chair: Jon Minden	
11:00am	Faculty Talk: Huaiying Zhang <i>Phase separation of demethylase LSD1 enriches lncRNA TERRA on telomeres to promote R-loop formation for telomere maintenance in ALT cancer cells</i>
11:25am	Faculty Talk: Alison Barth <i>High-throughput, fluorescence-based neuroanatomy to identify neural circuits for learning</i>
11:50am	Faculty Talk: Zheng Kuang <i>Circadian rhythms at the host-microbe interface</i>
12:15pm	Lunch

12:45p-2:30pm	Activity of choice (axe throwing, archery, hiking, rec. sports, free time) and Poster Setup
2:30p-3:30pm	Panel Discussion Panelists: Veronica Hinman, Joel McManus, Eric Yttri and Drew Bridges Moderator: Alison Barth <i>Scientific discovery in the age of data: data sharing, data mining, and converting data into knowledge</i>
3:30p-4:45pm	Student Poster Session
Session 3 Chair: Zheng Kuang	
4:45pm	Faculty Talk: Brooke McCartney <i>Host-microbiota interactions fuel animal growth</i>
5:10pm	Faculty Talk: Luisa Hiller <i>A Modern Investigation of the Ancient Language of Bacteria</i>
5:35pm	Faculty Talk: Joel McManus <i>Genome annotation errors and a paradigm-unshift in mammalian development</i>
6:00p-6:30pm	Dinner
6:30p-7:30pm	Graduate Student Entertainment
7:30p-TBD	Bonfire and s'mores
8:30pm	Final event end time; facilities are closed