

Peak Area Leadership in Science (PALS) 2020-2021

Professional Development Workshops* for Science Teachers

Meetings are FREE! Reservations (and cancellations) required!**

To make reservations register online at www.sciencehubs.org

or contact Tammy Johnnie at rsvp@sciencehubs.org or 719-337-1552 (cell)

Date/Day/Time	Topic	Location	Contact Hours /Sem Credit***
Aug. 22, 2020 (Sat.) 8:15 am – 4:00 pm	Explore Biodiversity and Life Zones at Mueller State Park Linda Grout, Tracy Predmore, April Estep Colorado Parks and Wildlife	Mueller State Park Provide your own transportation to Visitor Center and meet at 8:15 am	7.5 / 0.5
Sept. 9, 2020 (Wed.) 4:00 pm - 8:00 pm	Going Viral: Coronavirus Lessons you can share with YOUR students	Sand Creek High School	3.75 / 0.25
Sept. 26, 2020 (Sat.) 8:00 am–1:00 pm	The Discovery of Rise of the Mammals at Corral Bluffs	Corral Bluffs Meet at Space Village Loaf n Jug at 8 am	5 / 0.25
Oct. 10, 2020 (Sat.) 8:00 am – 4:00 pm	Brain Matters: How Stress and Drugs Impact the Teenage Brain	Sand Creek High School	7.5 / 0.5
Oct. 27, 2020 (Tues.) 4:00 pm - 8:00 pm	Making your Science Lessons 3D! Explore classroom lessons that highlight disciplinary core ideas, science practices, and cross cutting concepts.	Sand Creek High School	3.75 / 0.25
Nov. 7, 2020 (Sat.) 8:30 am - 12:30 pm	From the Nile to the Colorado - Hippos and Water Conservation at the Cheyenne Mountain Zoo	Cheyenne Mountain Zoo Meet at front gate at 8:15 am	3.75 / 0.25
Dec 5, 2020 (Sat.) 8:00 am – 12:00 pm & 1:00 pm - 3:00 pm	Experience Caving - CaveSim, Cave Lessons and the Cave of the Winds	Cheyenne Mountain Junior High School and Cave of the Winds	3.75-6.0 / 0.25
Jan 23, 2021 (Sat.) 8:15 am - 4:00 pm	Chemistry of Medicines and Drugs	U.S. Air Force Academy Chemistry Department	7.5 / 0.5
Feb 13, 2021 (Sat.) 8:00 am - 4:00 pm	DNA at the Crime Scene and Beyond	Discovery Canyon Campus	7.5 / 0.5
March 10, 2021 (Wed) 4:00 pm - 8:00 pm	Incorporating PhET in Your Science Classroom	Vista Ridge High School	3.75 / 0.25
April 8, 2021 (Thurs.) 4:00 pm - 8:00 pm	Physics in the Natural World - Little Shop of Physics	Discovery Canyon Campus	3.75 / 0.25
May 1, 2021 (Sat) 8:30 am – 12:30 pm	Operation Montserrat at the Challenger Learning Center	Challenger Learning Center	3.75 / 0.25
<i>Generous funding for these workshops provided by:</i> The Mikkelson Education Fund & Jim Mikkelson, USAFA K12 STEM Outreach Program and the Dan Furstenu Memorial Donation		TOTAL	60+ hrs / 4 sem credits***

* **The information in this chart is subject to change!** See our web-site www.sciencehubs.org for a detailed flyer posted around the date of the previous month's meeting and for any updates to the information above.

Sessions offered this year may be converted to virtual meetings, rescheduled or cancelled depending on the status of COVID-19 in our community. Also - Sessions offered January – May 2021 are dependent on funding.

** **NEW - Registration** for the August 22nd meeting is accepted on or after July 30th. Registration for each subsequent meeting is accepted on the day AFTER the most recent PALS hub meeting.

*** **Documentation** will be provided free for active participation in any hub meeting. In order to receive college credit you must earn a minimum of 7.5 hours or 0.5 semester credits. No college credit is given for only 3.75 hours or 0.25 semester credits. College credit only earned in increments of 0.5 semester credits. Hours/credits accumulate for the current school year only – no carry over for prior or future school years. Documentation / credit available at the end of the school year, typically in June. Total hours possible will change if meetings are cancelled or time is adjusted due to pandemic restrictions.

