

Peak Area Leadership in Science (PALs) 2022-2023: Professional Development Meetings* 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	Speaker(s)	Location	Contact Hours
Aug 20, 2022 (Sat) 8am – 5:30pm	Dinosaur Freeways, Cretaceous Seaways, and Fossil Traces in Swampy Places	Dinosaur Ridge Staff & Friends of Dinosaur Ridge Volunteers	Field Trip - Morrison & Golden, CO (meet bus at CMJHS)	5.0
Sept 8, 2022 (Thurs) 4pm - 7 pm	Exploring Connections to the Standards through Local Phenomena	Heather Hubbard, CPW Maya Garcia, CDE	The Campus @ 6113 Constitution Ave, CS 80916	2.5
Sept 17, 2022 (Sat) 8am – 1:30pm	Implementing the Standards in HS Science	Robin Walters, Beth Kochevar, Andy Smith, Science Teachers @ SCHS	Sand Creek High School (SCHS)	5.0
Oct 1, 2022 (Sat) 8am – 2pm	Geo Maker Institute: Mapping, Making and Storytelling	Heidi Ragsdale, STEM is My Future, LLC	Sand Creek High School (SCHS)	5.0
Oct 8, 2022 (Sat) 2pm - 11 pm	Wild about Elk	Linda Groat, Program Coordinator, MSP & Martha Alvarez, PHS	Mueller State Park (MSP)	5.0
Nov 12, 2022 (Sat) 8:30am – 2pm	Redesigning High School Science Investigations	Tim Blesse, DMNS Brandon Davis, DMNS	SCHS	5.0
Nov 30, 2022 (Wed) 4pm - 7pm	Grouper Moon Project + STEM -Conservation of an Endangered Species Using Technology	Hilary Penner, REEF.ORG	Colorado Parks and Wildlife (CPW) on Sinton Rd	2.5
Dec 5, 2022 (Mon) 4pm - 7 pm	Ute People and STEM Practices	Rose Banzhaf, Southeast EE Leadership Council	The Campus @ 6113 Constitution Ave, CS 80916	2.5
Jan 21, 2023 (Sat) 8:15am – 2pm	Chemistry of Art and Color	Dr. Jennings, Dr. Kelly, Dr. Jefferies, Dr. Furstenau, Stacey Lazelle @ USAFA Chem Dept	USAFA Chemistry Department	5.0
Feb 4, 2023 (Sat) 8am – 1pm	Creating the Future: Genetic Engineering and Synthetic Biology	USAFA Biology Department and iGEM Team	USAFA Biology Department	5.0
Mar 15 (Wed) 4pm – 7pm	Conversations with a Forensic Pathologist !	Deborah G. Johnson, MD, MS, Pikes Peak Forensics, PC	SCHS	2.5
Mar 22, 2023 (Wed) 4pm – 7pm [rescheduled from 3.1.23]	Invasive Lionfish Program: Human Impact, Ecological Impact and Engineering Design	Hilary Penner, REEF.ORG	CPW on Sinton Rd	2.5
Apr 15, 2023 (Sat) 8:30am - 2:00pm	Continuing Chemistry and Biochemistry Education at UCCS	Staff in UCCS Chemistry and Biochemistry Departments	UCCS Department of Chemistry and Biochemistry	5.0
Apr 19, 2023 (Wed) 4pm - 7pm [rescheduled from 2.15.23]	Local Water Wonders: Water Education with Colorado Springs Utilities	Birgit Landin, CSU Community Education Specialist	Colorado Springs Utilities on Mesa Rd	2.5
April 29, 2023 (Sat) 8am – 1:30pm	Birds Galore !	Fountain Creek Nature Center Staff	Cheyenne Mountain State Park	5.0

Generous funding for these workshops provided by... **The Mikkelson Education Fund**
UPDATE 1/23 - Sessions offered Jan – Dec 2023 have received funding !!! Thanks to the Mikkelson Education Fund !

* The information above is subject to change! See our web-site www.sciencehubs.org for additional information and updates !

** **NEW** - Reservations will be accepted on a monthly basis. Sign up for meetings you'd like to attend for a given month and mark your calendar. You may be asked to respond to confirm your reservation, so please monitor your email as each meeting approaches. If you cannot attend, contact Tammy ASAP, as we may have a waiting list and/or may have to pay in advance for your spot.

*** Certificate of contact hours will be provided free for active participation in our hub meeting(s) at the end of the school year. We will also offer continuing education college credits through CSM for a modest fee. College credit only earned in increments of 0.5 semester credits. Contact hours and college credits accumulate for the current school year only – no carry over for prior or future school years. Certificate /credit will be available at the end of the school year, typically in June.