

## Peak Area Leadership in Science (PALS) 2023-2024:

Professional Development Meetings\* for Science Teachers

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

To make reservations register online at [www.sciencehubs.org](http://www.sciencehubs.org)  
or contact Tammy Johnnie at [rsvp@sciencehubs.org](mailto:rsvp@sciencehubs.org) or 719-337-1552 (cell)

### PALS 2023-2024 Semester ONE Schedule

Day, Date Time	Cont act Hour s	Title	Location / Speakers
<b>Saturday July 29</b> 9 am - 11 am	0	<b>PALS 2023-2024 Open House</b>	The International Dance Club / PALS Hub Coordinators
<b>Friday August 18</b> 4:30 pm - 11:30 pm	5	<b>Solar Eclipses, Astrophotography, and Observing the Night Sky</b>	Florissant Fossil Beds (via Bus) David Warren, Colorado Springs Astronomical Society
<b>Saturday September 16</b> 8:15 am - 3:15 pm	5	<b>The Science of Healthy Forests</b>	Manitou Experimental Forest (via Bus) Steven Alton, Forester and Site Manager, Andy Schlosberg, Forestry, Colorado State Forest Service, Sandy Smith, Science Teacher
<b>Saturday September 23</b> 9:00 am - 12:00 pm	2.5	<b>Garden of the Gods Geology</b>	Garden of the Gods Bret Tennis, Garden of the Gods Program Manager Jennifer Heiny, Garden of the Gods Park Guide
<b>Tuesday September 26</b> 4:00 pm - 7:00 pm	2.5	<b>Explore before Explain</b>	Coronado High School Christina Collazo, Science Teacher, Kathy Jeppson, Science Teacher, Dana Malfeld, Science Teacher, Traci Morey, Science Teacher
<b>Saturday October 21</b> 7:30 am - 4:00 pm	5	<b>After the Asteroid - Stability and Change at the Denver Museum of Nature &amp; Science</b>	Denver Museum of Nature and Science (via Bus) James Hagadorn, PhD – Tim & Kathryn Ryan Curator of Geology; Brandon Davis & Tim Blesse,, Teacher Programs Consultants
<b>Wednesday November 1</b> 4:30 pm - 7:00 pm	2.5	<b>Workings of the El Paso County Coroner's Office</b>	El Paso County Coroner's Office El Paso County Coroner's Office Staff
<b>Saturday November 11</b> 8:30 am - 2:00 pm	5	<b>Current Teen Drug Landscape - What Teachers Need to Know</b>	The Campus Joseph Langlais, CSPD SRO, speaker from Children's Hospital, Megan Caraway, Science Teacher
	<b>27.5</b>	<b>S1 Total Contact Hours</b>	

Generous funding for these meetings provided by... [The Mikkelson Education Fund](#)

\* The information above is subject to change!

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### PALS 2023-2024 Semester TWO Schedule

Day, Date Time	Contact Hours	Title	Location / Speakers
<b>Saturday January 20</b> 8:15 am - 2:00 pm	<b>5</b>	<b>Chemistry of Cooking</b>	USAFA Chemistry Department Dr. Abby Jennings, Associate Professor of Chemistry; Dr. Ron Furstenau, Professor Emeritus; Dr. Andrea Kelley, Assistant Professor of Chemistry
<b>Saturday February 10</b> 8:15 am - 2:00 pm	<b>5</b>	<b>The Physics of Everyday Things</b>	USAFA Physics Department Physics Department Staff
<b>Saturday March 9</b> 7:15 am - 4:15 pm	<b>5</b>	<b>Hydro, Terra, Vida: Exploring CSU SPUR</b>	CSU SPUR (via Bus) CSU SPUR Education Team
<b>Wednesday April 3</b> 4:00 pm - 7:00 pm	<b>2.5</b>	<b>Investigating Aquaponics</b>	Emerge Aquaponics Emerge Aquaponics Staff
<b>Saturday April 20</b> 8:30 am - 2:00 pm	<b>5</b>	<b>Exploring Human Physiology</b>	UCCS Hybl Center Sabine Allenspach, Senior Instructor, UCCS Dept of Human Physiology & Nutrition
<b>Wednesday May 1</b> 4:00 pm - 7:00 pm	<b>2.5</b>	<b>Dermestid Beetles at Work</b>	The Campus Scott Fortney, Scientist
	<b>25</b>	<b>S2 Total Contact Hours</b>	
	<b>52.5</b>	<b>2023-2024 Grand Total Contact Hours</b> (equivalent to 3.5 semester hours credit maximum)	

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