

Peak Area Leadership in Science

Professional Development Opportunities
for Secondary Science Teachers

Three Ways to RSVP:

- www.sciencehubs.org
- email: RSVP@sciencehubs.org
- call Tammy Johnnie at
(719) 337-1552



Forensic Chemistry

Saturday, 24 January 2026

8:15 AM- 2:00 PM

USAFA Chemistry Department

Chemistry Department USAFA Presenters:

Dr. Andrea Kelley, Dr. Abby Jennings, Mrs. Stacey Lazzelle, and Dr. Ron Furstenau

Participants - meet Dr. Furstenau on the south steps of the Cadet Field House no later than 8:15 AM. You will be escorted to the Chemistry Conference Room; late arrivals will not be admitted. You must show a photo ID to be permitted to enter the USAFA gate. You must RSVP in advance to attend this workshop. Space is limited.

Remember to Bring...

- Your science notebook*! And pen or pencil.
- Your own lunch!
 - **A photo ID to enter USAFA**
- Any personal items you may need during the meeting.

[NOTE: There will be restroom facilities available.]

* PALS provides a free science notebook
at your first meeting of the year!

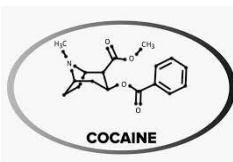


**SNACKS &
WATER/POP
PROVIDED**

(Bring your own lunch.)



Additional funding for teacher materials
and door prizes provided by...



HIGHLIGHTS

- Overview of the Chemical and Instrumental techniques used by Forensic Scientists.
- Make Fake Blood and Analyze Blood Types
- Identify Cocaine Residue on Circulated Currency
- Use a density gradient column to characterize soil samples from footprints or car tire treads
- Use an Inductively Coupled Plasma (ICP) instrument to analyze for elements (qualitatively and quantitatively) in a dirt sample to determine origin
- Classroom forensic techniques that can be used in your classroom for identifying substances
- Door Prizes and/or Teacher Materials

This workshop is made possible by GENEROUS funding from the
The Mikkelson Education Fund...

**FOUNDATION
MIKKELSON**

**Providing Support for Teachers
to Improve Technical Knowledge and Skills**

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in Science**
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www.sciencehubs.org

Photo at top provided by Rose DiCenso.

In compliance with Colorado School of Mines regulations, children of participants may not attend Hub meetings or activities.
PLEASE - If you sign up for this hub meeting and have to cancel, contact TAMMY asap. - **PLEASE**