

2024-2025 SEE PROGRAM

MIDDLE SCHOOL SEE SEMINAR FALL SCHEDULE

IMPORTANT REMINDERS:

- ✓ ONLY districts that complete the online Teacher Interest Form by the stated deadlines will be included on the roster and notified as to how many students may attend. The link for this form is in the 2024-2025 SEE Seminars- Hybrid Membership Schoology Group.
- ✓ Teams/Zoom links for Online SEE seminars can be found in Resources in Schoology.
- ✓ When appropriate, 8th grade students are welcome to attend ONLINE high school seminars.
- ✓ Turn on NOTIFICATIONS in Schoology to receive important updates and communications.

MS – The Wonder of the Wetlands (Face-to-Face)

Date: Thursday, October 3, 2024

Seminar Time: 9:30 AM – 1:30 PM

Location: Lancaster County Central Park, Environmental Center, One Nature’s Way, Lancaster, PA

Presenter: Lisa Sanchez

Participation Interest Form Due: [Wednesday, September 11, 2024](#)

Parent Registration Deadline: [Thursday, September 26, 2024](#)

Description of Seminar: SEE students love exploring nature at Lancaster County Central Park. With Naturalist, Lisa Sanchez, students will discover the unique characteristics of the wetlands by experiencing the environment firsthand. Students should come prepared to get in the water and discover life in the creek. They will collect macroinvertebrates, learn about their life cycles and evaluate the health of the water. A field microscope will allow students to get an up-close look at the life existing within the water. Through time spent exploring the wetlands, students will gain a greater understanding of this habitat’s importance to the health of the environment. In addition to sturdy shoes for hiking, everyone should bring an old pair of sneakers or water shoes that can be worn in the creek. Dress for a lengthy outdoor experience!

MS – Anatomy of the Heart (Online)

Date: Tuesday, October 15, 2024

Seminar Time: 9:30 – 11:00AM

Location: Online via Zoom

Presenter: Ray Volmer

Parent Registration Deadline: [Tuesday, October 8, 2024](#)

Description of Seminar: Are you interested in understanding how the human heart works? Ever wonder what a human heart looks like? AIMS instructor, Ray Vollmer uses a high-definition camera system to allow students to see a variety of human hearts from cadavers. Cardiovascular anatomy and physiology will be discussed. Pathological material, including hearts with pacemakers, bypass grafts, valve replacements, hypertensive changes and documented myocardial infarcts, are used to illustrate clinical problems.

The following topics may be covered:

- Blood, cellular and fluid components
- Coverings of the heart
- Structures of the heart and its chambers
- Major blood vessels
- Circulatory pathways
- Basics of cardiac physiology including the conducting system, cardiac cycle, heart sounds, murmurs and post-surgical complications

MS – Life as a Meteorologist (Face-to-Face)

Date: Thursday, November 14, 2024

Seminar Time: 9:00 AM – 1:00 PM

Location: Lancaster-Lebanon IU13, Burle Business Park, 1020 New Holland Avenue, Lancaster, PA

Presenter: Kyle Elliott

Participation Interest Form Due: [Tuesday, October 8, 2024](#)

Parent Registration Deadline: [Thursday, November 7, 2024](#)

Description of Seminar: Millersville University Weather Information Center (WIC) Director Kyle Elliott dreamt of becoming a meteorologist ever since he was a young child. He knows first-hand that the path to achieving your dreams is not always smooth and takes hard work, diligence, and perseverance. In this interactive seminar featuring a PowerPoint presentation and question-and-answer session, you will learn what's involved with Kyle's job at Millersville and the challenges he faces when making a forecast. He will describe how he uses local knowledge of the area's weather to consistently create accurate forecasts. You will also have a chance to operate a Kestrel for temperature and wind measurements and view a drone used for tornado research. No matter where your interests lie, Kyle will help you learn how to overcome obstacles in your academic and professional careers and describe some keys to success in both the scientific and business worlds.

MS – Using Your Past to Write Your Future (Online)

Date: Tuesday, December 10, 2024

Seminar Time: 9:30 AM- 11:00 AM

Location: Online via Teams

Presenter: Lindsay Bandy

Parent Registration Deadline: [Tuesday, December 3, 2024](#)

Description of Seminar: Why do some stories just "click" with us, even if they're set on a distant planet, or hundreds of years in the past? Why do all humans need stories – whether those stories are in the form of novels, dreams, video games, movies, TikTok, or comics? And how can YOU get started writing stories that "click" with other people in fun and meaningful ways? In this hands-on writing workshop, award-winning author Lindsay K. Bandy will lead students through writing exercises and discussions about what stories can teach us about ourselves and each other over time. She'll show students the specific ways she uses empathy, self-reflection, personal experience, and historical research to create compelling fictional characters, and encourage students to utilize these same tools as they create their own stories – and futures!

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