

2022-2023 SEE PROGRAM HIGH SCHOOL SEE SEMINARS

IMPORTANT REMINDERS for GIFTED SUPPORT TEACHERS:

- ✓ ONLY districts that complete the online Participation Interest Forms by the stated deadlines will be included on the roster and notified as to how many students may attend. Links for these forms are in 2022-23 SEE Seminars - Hybrid Program Schoology Group.
- ✓ Turn on NOTIFICATIONS in Schoology to receive important updates and communications regarding SEE Seminars.

HS – Don't Panic, Pivot! Keys to Planning Your Career (Online)

Date: Thursday, October 6, 2022
Seminar Time: 9:30 – 11:00 AM
Location: Online via Zoom
Presenter: Cassandra Storm, Photographer and Entrepreneur
Parent Registration Deadline: [Tuesday, October 4, 2022](#)

Description of Seminar: Are you struggling with what to do with your future? Do you have a multitude of interests that make you unsure of where to go or what to do after high school? Is college the answer and, if so, how do you choose a major that will ensure you love your job? Do you have a passion or many passions that you would love to turn into a successful career, but you don't know how to make that happen? At this seminar, Cassandra Storm will lead students through a discussion highlighting her own set-ups and let-downs through high school, college, and beyond. She will share lessons learned through the start of several businesses spanning more than 18 years through recession, changes in technology, consumer requests, and significant pivoting through a pandemic. Join us as we explore vital keys for success that will boost your confidence as you create a plan for the future. This is an excellent seminar for those who are struggling to determine what comes next and will provide an especially useful discussion for those students who feel a yearning for a career in the arts and/or starting their own business.

HS – Technology and Research: Thriving at Millersville University (Face-to-Face)

Date: Thursday, October 13, 2022
Seminar Time: 9:00 AM – 2:00 PM
Location: Millersville University, PA (Caputo and Roddy Halls)
Presenters: Dr. Charlton Wolfgang, Dr. Len Litowitz, Calvin Montgomery, and Kyle Elliott
Participation Interest Form Due: [Tuesday, September 20, 2022](#)
Parent Registration Deadline: [Monday, October 10, 2022](#)

Description of Seminar: Over the years, SEE students have enjoyed many engaging experiences at Millersville University. This fall, we have been invited back to get a firsthand look at some high-tech equipment and research in the STEM field. Our visit will include small group rotations to the [Millersville Weather Information Center](#), the [MU Scanning Electron Microscope Facility](#), and the [Applied Engineering, Safety & Technology](#) department. The variety of topics will appeal to students interested in pursuing STEM careers, and a chance to visit a college campus is always enlightening and exciting. Small group discussions will allow for interaction and questions from students in attendance. Thank you to Millersville University for opening its doors to us for a great day of learning!

HS – Aliveness of Language and Place (Face-to-Face)

Date: Tuesday, October 18, 2022
Seminar Time: 9:00 AM – 1:30 PM
Location: The Ware Center, 42 N. Prince Street, Lancaster, PA
Presenter: Jenny Hill, Arts Educator

Participation Interest Form Due: [Tuesday, September 20, 2022](#)

Parent Registration Deadline: [Friday, October 14, 2022](#)

Description of Seminar: Did you know that the word daisy derives from the Old English *dæges ēage* ‘day’s eye’, because the flower opens in the morning and closes at night? What spaces in nature, or in the city, do you like to spend time in, listening and observing? Join us for an exploration of the imagination, language, and the poetry of place as we take a walk and discover, giving our attention to the spaces (both natural and urban) in downtown Lancaster. We’ll read poems and prose about our connection to nature and place and find spots of our own to spend some time in and write.

HS – The Art of Nature: Journaling and Drawing to Capture Nature at Its Best (Face-to-Face)

Date: Friday, October 28, 2022
Seminar Time: 9:00 AM – 1:30 PM
Location: Lancaster County Central Park, Environmental Center, One Nature’s Way, Lancaster, PA
Presenter: Lisa Sanchez, Naturalist

Participation Interest Form Due: [Tuesday, September 20, 2022](#)

Parent Registration Deadline: [Tuesday, October 25, 2022](#)

Description of Seminar: Literature and art offer countless references to the beauty of the natural world. Stepping away from screens and connecting with nature can offer peace while you observe and learn. During our time at the Lancaster Environmental Center, Naturalist Lisa Sanchez will share how we can learn a great deal about our environment by watching and recording our observations. Using Dr. Carol Welsh’s Four-Color Analysis, we will explore how to deepen the journaling experience—no matter the topic. You will have the opportunity to use your creative writing and artistic skills—no matter how refined they are. The natural elements will show you the way to creativity—even if you feel you don’t have “talent” with art and writing. Websites and practical resources will be shared for use after the seminar. Nature is represented in countless ways, so you can start filling your journal with nature the way you see it!

HS – Climate Action Simulation (Face-to-Face)

Date: Tuesday, November 1, 2022
Seminar Time: 9:00 AM – 1:30 PM
Location: Elizabethtown College, Hoover Center, Room H110
Presenter: Dr. Kurt DeGoede, Professor of Engineering and Physics

Participation Interest Form Due: [Tuesday, September 20, 2022](#)

Parent Registration Deadline: [Thursday, October 27, 2022](#)

Description of Seminar: A highly interactive, role-playing game to explore the different stakeholders and solutions that need to come together to take action on climate change. It allows participants to rapidly assess the impacts of different solutions to climate change—like energy supply subsidies, energy efficiency, or land use changes. The game is conducted as a simulated emergency climate summit organized by the United Nations to establish a concrete plan to limit global warming by bringing together government, business, and civil society representatives. Taking part in the Climate Action Simulation improves participants’ knowledge of the actions needed to address climate change, boosts both personal and emotional engagement with climate issues, and leaves participants feeling empowered to address climate change.

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HS – Esports: A Tool for Connection and Career Exploration (Online)

Date: Wednesday, November 9, 2022
Seminar Time: 12:30 – 2:00 PM
Location: Online via Zoom
Presenter: Rachel Odrosky, Esports Director
Parent Registration Deadline: [Monday, November 7, 2022](#)

Description of Seminar: Undoubtedly, esports is captivating the attention of our youth. In fact, 97% of our youth identify as gamers. Esports is growing in its popularity in schools across the country providing youth a safe place to connect and compete. In this presentation, we will discuss the benefits of esports beyond teamwork, communication, and strategic thinking. We will reveal how esports can be elevated beyond the game and used as a pathway to a student's career exploration.

HS – How Science is Securing Our Nation (Online)

Date: Friday, December 9, 2022
Seminar Time: 10:00 – 11:30 AM
Location: Online via Zoom
Presenter: Dr. Jessica Dunmore, Particle Physicist
Parent Registration Deadline: [Wednesday, December 7, 2022](#)

Description of Seminar: When people think about national security, they imagine Soldiers in uniforms, heavily armored tanks, fighter jets and aircraft carriers. What they may not think about are the scientists and engineers conducting research and developing the capabilities our military needs to protect the American way of life. During this 90-minute lecture and discussion, Dr. Dunmore will show how studying science and engineering can make a concrete difference. From unmanned and autonomous vehicles to nuclear detection technologies, our smartest and most talented innovators are working on the cutting edge of scientific discovery.

HS – Research and Development Engineering (Online)

Date: Wednesday, January 11, 2023
Seminar Time: 12:30 – 2:00 PM
Location: Online via Zoom
Presenter: Sai Srinivas, R&D Engineer, Advanced Cooling Technologies
Parent Registration Deadline: [Tuesday, January 10, 2023](#)

Description of Seminar: Have you ever wondered what kinds of cool projects you can work on as a research engineer? Let's take a virtual trip down under the sea to explore the world of bubbling methane gas seeps with ACT Research & Development (R&D) Engineer Sai Srinivas and his assisting team of commercial divers. In this interactive, engaging seminar, Sai will talk about and share pictures/videos of his wonderful learning experience leading an offshore prototype testing mission off the coast of Santa Barbara, CA. He will also talk about his background that led him into R&D and other interesting projects and skills you learn while working in a research environment as well as a few keys to success and learning from failure. Join us for this adventure to the sunny West coast and make sure you bring your sunglasses.

HS – Researching from the Inside Out (Creative Writing) (Face-to-Face)

Date: Wednesday, January 25, 2023

Seminar Time: 9:00 AM – 1:30 PM

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

Presenter: Lindsay K. Bandy, Youth Services Coordinator, Manheim Community Library

Participation Interest Form Due: Tuesday, January 10, 2023

Parent Registration Deadline: Friday, January 20, 2023

Description: Whether your fictional characters inhabit contemporary, historical, intergalactic, or fantasy worlds, research is an important part of the creative writing process. But research is so much more than notes and citations!

It's curiosity. It's empathy. And it's responsibility.

Using these three guiding principles, young adult historical fiction author Lindsay K. Bandy will explore the many ways creative writers conduct research...starting with our own inner worlds. As we work from the inside out, we'll use fun tools like personality tests and visual idea boards, then mine our own experiences for emotions, conflicts, and universals that can be transformed into Story. Using what we learn about ourselves, we'll work on crafting strong characters – characters we want to spend time getting to know. Building a believable, consistent story world for these characters often involves a surprising amount of research, but when you work from the inside out, letting curiosity and empathy guide you, this becomes a treasure hunt instead of a chore! Using practical examples, we'll discuss ways writers must exercise responsibility in finding and creatively presenting information about real people, places, and things, as well as share tips and tools for keeping that information organized. There will be lots of hands-on time to write, share, and ask questions in a relaxed, creative environment.

HS – The Innovative World of eCommerce (Face-to-Face)

Date: Wednesday, February 15, 2023

Seminar Time: 9:00 AM – 1:30 PM

Location: Listrak, 100 W. Millport Road, Lititz, PA

Presenter: Shane Swisher

Participation Interest Form Due: Tuesday, January 10, 2023

Parent Registration Deadline: Tuesday, March 7, 2023

Description of Seminar: *You left that in your shopping cart... If you like this shirt, you'll like these... Save 25% on your order by providing us with your email...* If you've ever shopped online, you've encountered Listrak and its solutions. Since 1999, Listrak has been a leader and innovator in the world of eCommerce technology and today, serves more than 1,000 clients – many retailers and brands you've heard of – from its headquarters in Lititz, PA. Visit Listrak and spend the day learning about some of the innovative technologies that are changing the way people shop and become loyal customers: artificial intelligence, mobile apps, predictive analytics, data management, and more. Participate in hands-on, collaborative and problem-solving workshops. Hear from developers, programmers, creatives and other Listrak team members about their work. Learn about career opportunities in technology and enjoy a tour of Listrak's state-of-the-art headquarters. You'll learn that eCommerce goes well beyond coding. Who knows? Your idea may signal the next retail disruption! For more information: www.listrak.com.

HS – The Chemistry of Sugar (Face-to-Face)

Date: Friday, March 10, 2023

Seminar Time: 9:00 AM – 1:30 PM

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

Presenter: Lisa Sanchez, Naturalist

Participation Interest Form Due: **Tuesday, January 10, 2023**

Parent Registration Deadline: **Tuesday, March 7, 2023**

Description of Seminar: SEE students interested in chemistry or culinary skills (or both) will appreciate this seminar. During the winter months, the Lancaster County Environmental Center is home to new topics and discoveries. Food science comes alive as the maple sap prepares to flow and thoughts turn to sweet treats. At this “tasty” seminar, students will study how changes in temperature prompt changes in the chemistry of sugar. Naturalist Lisa Sanchez will demonstrate all stages of cooked sugar while students test for temperature, observe how sugar crystals change, pull taffy, and sample the various stages of sugar, including fudge and hard candy. Studying the process of making edible chocolate confections, students will examine the journey from cocoa bean to chocolate bar. Experimentation doesn't usually end with such delicious results!

NOTE: There might be an additional SEE Seminars in the spring continues. Hybrid districts are guaranteed a total (across grade levels) of 10 Face-to-Face seminars and 14 online options for 2022-2023. Additional seminars may be included as a value-added service, if possible.

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