



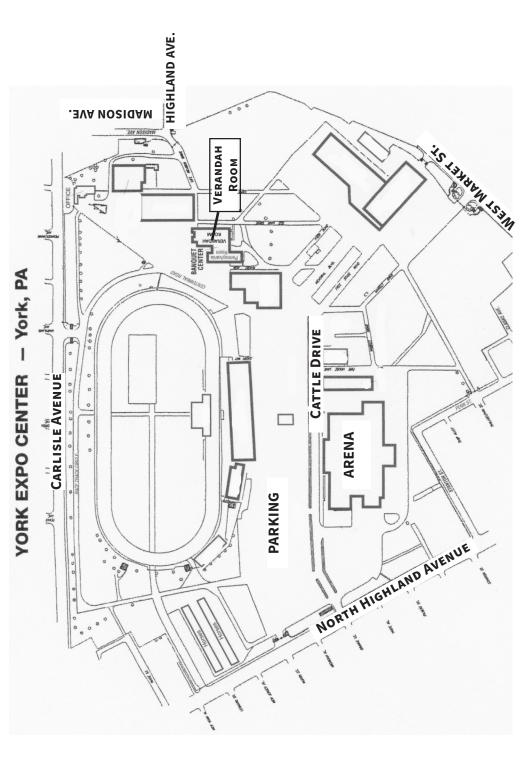


June 19-22 • York, Pennsylvania













June 19-22 • York, Pennsylvania

Co-Chairs

Sherry Kitts (TN)
Rich Newman (IL)
Lee Davis (PA)

Our deepest appreciation and gratitude to all those who have given countless hours and generous financial support to make this event a success! You are amazing leaders and volunteers. And an extra special THANK YOU to the fabulous NAWCC HQ staff members who enrich our gatherings in an extra special way!

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Welcome to the Convention

It is my distinct pleasure and honor to welcome you to the 2025 National Convention of the NAWCC.

Not only does this year's gathering offer a stellar experience at the York Expo Center, but you also have the chance to visit the NAWCC campus in nearby Columbia. Be sure to take advantage of this opportunity to enjoy the great facilities established by our Association.

Our Library and Research Center goes from strength to strength in providing research assistance and a lending library for members. There have been major improvements to the Museum and School of Horology in recent months. All of us at HQ hope that you will drop in and see for yourself some of the exciting new acquisitions, displays, and classroom upgrades. We will open the Museum on Sunday, June 22 in case you are unable to be at the open house on June 19.

I look forward to seeing friends old and new, browsing the mart, and maybe adding something new to my collection. I encourage you to attend the lectures and workshops and engage with the experts leading them. And it's always a pleasure to break bread together at the Old Timers and Fellows luncheon and the Convention banquet.

Wishing you all success in the mart, good times, and safe travels!

Rory McEvoy Executive Director

Keeping Time with the NAWCC

The National Association of Watch & Clock Collectors, Inc. (NAWCC) began in 1943 with a few people gathering to exchange ideas and trade watches and clocks. It has become an international organization of nearly 8,000 members who are committed to preserving and promoting the craft of timekeeping.

NAWCC membership includes access to marts throughout the year, discounts on workshops, free admission to the National Watch & Clock Museum (and other participating ASTC Passport

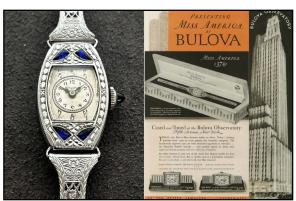


Explore the history of wristwatches, from adapted pocket watches to trench watches to today's fashion and tool watches.

Program museums), and a subscription to the Watch & Clock Bulletin, the organization's peer-reviewed journal.

The NAWCC campus in Columbia, PA, is home to the National Watch & Clock Museum, the School of Horology, and the Fortunat Mueller-Maerki Library and Research Center, along with beautifully appointed event spaces.

The Museum opened to the public in 1977 with approximately 1,000 artifacts on display. Today, the Museum has more than 13,000 items, the largest and most comprehensive horological collection in North America. The exhibits are continually refreshed and new ones added to engage visitors in the stories told by clocks and watches.



Discover the history of a watchmaking giant in the new Bulova gallery. It showcases the art deco ladies' collection; contributions to the US military; the 46 NASA space missions that used Bulova technologies; Accutron, a revolution in watchmaking; support of those with disabilities; and the brand's unique marketing milestones.



Hands-on experience in the School of Horology's workshops provides real-world skills for beginners and professionals alike.

The Library and Research Center has more than 30,000 horological books, catalogs, and periodicals, and the subjects range from the repair of clocks and watches to the philosophy of time. NAWCC members have access to a wealth of information, and staff are available by appointment to assist with research requests.

Located across the street from the Museum and Library, the School of Horology offers hands-on workshops for clock and watch repair, training on machining technology for horology, and instruction for decorative techniques such as stenciling and under-glass painting.

Our local Chapter meetings and our regional and national events offer opportunities to enjoy exhibits, educational presentations, and marts where we buy, sell, and trade horological items. Most importantly, NAWCC events



The NAWCC has over 100 local and specialty Chapters that meet regularly. Find your new friends and mentors at nawcc.org/local-chapters.

give us the chance to connect with other folks who share the same passion for watches and clocks. Details are available at nawcc.org.

The NAWCC is proud of its role in preserving horological artifacts for the next generation and promoting the craft of timekeeping. Join us in celebrating the rich history and exciting future of horology by becoming an NAWCC member. Visit nawcc.org/join or stop by the membership table in the York Expo Center arena lobby today!

Convention Committee Chairs

Convention Co-Chairs Sher	ry Kitts (TN) / Rich Newman (IL) /
	Lee Davis (PA)
	Rick Robinson (VA)
Auctioneer	John Cote (IN)
Auction, Silent Craig Ar	nkeney (OH) / Otto Argadine (OH)
Audio Visual Support Alex Si	mpkins (PA) / Wayne Laning (PA)
Awards	Bob Pritzker (CAN)
Crafts Competition	Bill Slough (TX)
Donations (Chapter)	Jeff Zuspan (TX)
Exhibit	Rory McEvoy (PA)
Food Functions	Cathy Gorton (CO)
Gift Shop	Evelyn Slough (TX)
Lectures/Programs Rich Ne	ewman (IL) / Jarett Harkness (TX)
Mart Wayı	ne Laning (PA) / Sherry Kitts (TN)
Old Timers & Fellows	Judy Draucker (VA)
Photography	John Cote (IN)
Project Manager	Peggy Goodwin (OH)
Registration (Pre- and On-Site)	Gary Myers (WA)
Security	Jim Fisher (PA) / Paul Young (TN)
Signs	Keith Henley (TN)
Tailgate	Ness Ball (OH)
Treasurer	Bob Burton (KY)
Volunteer Coordinator	Sherry Kitts (TN)
Webmaster	Alex Simpkins (PA)
Workshops	Dave Gorrell (MD)

Thanks to the entire planning and on-site volunteer team. We couldn't have done this without you!



Board of Directors

Robert Burton (KY)

Richard Callamaras (VA)

Eliel Garcia (PA)

Jarett Harkness (TX)

Rhett Lucke (NE)

Geoffrey S. Parker (TN)

Nancy Spieker (KS)

Micah Tasker (NH)

Michael Taylor (AL)

Istvan Varkonyi (PA)

Paul Young (TN)

Jeff Zuspan (TX)

Ex Officio Board Members

Myron Mintz, Legal Counsel (VA)
Rory McEvoy, Executive Director (PA)



Administration

714	
Executive Director	Rory McEvoy
Controller	Brianna Ardini
IT & Chapter Support Specialist	Alex Simpkins
Accounting & Administrative Assistant	Elizabeth Ross
Member Service	S
Member Services Manager	Marlo Davis
Member Services & Development Administ	ratorTina Manley
Publications	
	Laura Taylar
Managing Editor	
Associate Editor	
Events & Advertising Coordinator	Amanda Okum
School of Horolo	gy
Director of Education	Ken De Lucca
School Coordinator	·· Samantha Gradel
Museum & Research L	ibrary
Admissions & Store Manager	David Ganse
Collections Assistant	Janelle Soash
Librarian/Archivist	Thomas Stocker
Gallery Security	Bill Zell
Facilities Maintenance & Gallery Attenda	
Museum & Library Assistant	Janet Thompson
-	-



National Watch & Clock Museum 514 Poplar Street, Columbia

17th-Century London Time: A Century of Dial Designs

This exhibit features stunning examples of English watches from circa 1590 to 1720. Watches by Randolf Bull, Robert Grinkin Jr., William Knottesford, Daniel Quare, Ahasuerus Fromanteel II, Jonathan Lowndes, William Harrison, Peter Garon, Thomas Windmills, and Joseph Antram will be displayed. From the



earliest known watch made by an Englishman to the earliest known automation watch for telling time, these are very special artifacts that you won't want to miss seeing.

Dawn of the Wristwatch

A new Museum gallery explores the evolution of the wristwatch: from jewelry worn only by women to military watches in the trenches to a popular accessory for both men and women. In the early 1900s, women could wear a watch in several ways. A chatelaine fob allowed it to be worn at the waist, a chain could be



attached to wear it as a necklace, or a strap used to wear it as a wristlet. During World War I, a wristwatch became a necessity for men, with crystal guards and wide straps to protect it in combat conditions. By the late 1920s, advertising helped persuade men that wristwatches were masculine and a stylish addition to their wardrobe.

The Bulova Gallery

One of the great American horological manufacturers, Bulova, is now featured in a new Museum gallery, with the support of the Citizen Watch Group. The artifacts in this display chart the brand's 150-year history: the art deco ladies' collection; contributions to the US military; the 46 NASA space



missions that used Bulova technologies; Accutron, a revolution in watchmaking; support of those with disabilities (including the establishment of the Joseph Bulova School of Watchmaking); and the brand's marketing milestones.







Lectures, Workshops, and Crafts Competition are open to the public.

YEC: York Expo Center, 334 Carlisle Ave., York, PA 17404

YEC Verandah Room: Approx. 10-min. walk from the YEC Arena;

shuttle transport is available.

Wyndham Garden Hotel: 2000 Loucks Rd., York, PA 17408

National Watch & Clock Museum: 514 Poplar St., Columbia, PA 17512

NAWCC School of Horology: 454 Poplar St., Columbia, PA 17512

Wednesday, June 18

Board of Directors Meeting	9am-5pm	Museum Conference Room
Introduction to Antique Clocks Workshop	9am-5pm	School of Horology
Pre-Registration Badge Pickup	4pm-7pm	Wyndham Garden Hotel Lobby

Thursday, June 19

Tailgate Dealer Setup Only	7:30am - 8am	YEC Lot Next to Arena
Tailgate Open	8am - 11am	YEC Lot Next to Arena
Introduction to Antique Clocks Workshop	9am - 5pm	School of Horology
National Watch & Clock Museum Open House & Lectures (see page 14 for details)	10am - 4pm	Museum
Pre-Registration Badge Pick-up	1pm - 3pm	Museum

Friday, June 20

Pre-Registration Badge Pick-Up	7am-5pm	YEC Arena Lobby - Left
Registration Open	8am-5pm	YEC Arena Lobby - Left
Mart Vendor Load-In	8am-11am	YEC Arena
Concessions Open	8am-6pm	YEC Arena Lobby
Early Bird Member Entry to Mart	10am-1pm	YEC Arena
Chapter Relations Meeting	Noon-1pm	YEC Arena Lobby - Right
Crafts Competition Open	Noon-5pm	YEC Arena
Receive Live Auction Items	1pm-4pm	YEC Arena Lobby - Right
Member Entry to Mart	1pm-5pm	YEC Arena
Mini Workshops (See Page 30)	1pm -5pm	YEC Arena Conference Room
Lectures (See Page 19)	2pm-5pm	YEC
AWCI Workshop (See Page 31)	3:30pm – 4:30pm	YEC Arena, AWCI Mobile Classroom
A Night at the Museum with Bulova	6pm-10pm	Museum
Auction Preview & Bidder Registration	6pm-7pm	YEC Arena Lobby – Right
Live Auction	7pm-10pm	YEC Arena Lobby – Right

Saturday, June 21

Registration Open	8am-4pm	YEC Arena Lobby - Left
Annual Member Meeting	8am-9am	YEC Arena Lobby - Right
Concessions Open	8am-2pm	YEC Arena Lobby
Table Holder Entry to Mart	8:45am-4pm	YEC Arena
AWCI Workshops (See Page 32)	9am-2pm	YEC Arena
Member Entry to Mart	9am-4pm	YEC Arena
Public Entry to Mart	Noon-4pm	YEC Arena
Crafts Competition Open	9am-4pm	YEC Arena
Lectures (See Page 21)	9am-4pm	YEC
Old Timers & Fellows Luncheon (Pre-Registration Required)	11am-1pm	Verandah Room - B
Mini Workshops (See Page 30)	11am-4pm	YEC Arena Conference Room
Convention Banquet (Ticket Required)	5:30pm– 9pm	Wyndham Garden Hotel- Ballroom of the Roses
Reception & Cash Bar	5:30pm – 6:30pm	
Banquet & Keynote Lecture by Roger W. Smith	6:30pm – 9pm	

Sunday, June 22

Member Entry & Mart Break Down	9am -Noon	YEC Arena
Crafts Competition Room Break Down	9am-Noon	YEC Arena

Safe Travels!

See you in Lexington, KY, on June 25-28, 2026!



National Watch & Clock Museum

THURSDAY: 10:30 AM (Museum Theatre)

The Inventive Genius of John Harrison

Dr. John Taylor

Hosted by British Horology Chapter 159 and the USA Section of the Antiquarian Horological Society



In the countdown to the 250th anniversary year of clockmaker John Harrison's death in 1776, Dr. John C. Taylor, OBE, examines the massive contribution to history made by the renowned British carpenter and self-taught clockmaker.

John Harrison is best known for solving the problem of determining longitude at sea, which involved producing a series of high-precision longcase clocks in the 1720s, an original of which is in the speaker's collection. The John Harrison wooden regulator, dated 1726, achieved consistent accuracy within just one second during a month of timekeeping, making it the most accurate clock in the world for 150 years. Dr. Taylor will discuss several of Harrison's world-changing inventions: the first practical marine chronometer, the temperature-compensating gridiron pendulum, and the grasshopper escapement.

Dr. John Crawshaw Taylor, OBE, has over 400 patents to his name and is best known for developing the bi-metal controls that automatically switch off cordless electric kettles once the water has boiled. In 2008,

he created the time-eating Chronophage clock, which he gifted to Corpus Christi College, Cambridge, where he studied. This famous clock has a large, mythical time-eating creature on the top, enclosing a huge grasshopper escapement, in homage to his hero, John Harrison.

In 2011, Dr. Taylor was awarded an Order of the British Empire for services to business and horology. Last year, he founded the Clocktime digital museum (clocktime.co.uk), an online resource that has open access. His aim is to reignite people's passion for clocks, watches, and their makers. Dr. Taylor believes the invention that changed the world most is the clock. The wheel is the servant of humankind, but clocks now control our every waking hour, making us servants to the time of the clock.

THURSDAY: 11:30 AM (Museum Theatre)

From Man to Machine: The Winding of the Great Clock of Westminster

Keith Scobie-Youngs

Hosted by Tower & Street Clock Chapter 134



As soon as the Great Clock was installed, it was evident that winding the weights would be a mammoth task. Many suggestions were made for mechanical methods to accomplish the winding with reduced effort, but it was not until the early 20th century that the clock was fitted with a unique and remarkable winding mechanism. Keith will discuss the various options that were considered, as

well as the process of winding the clock by hand, finishing with an in-depth explanation of how the first semi-automatic winding system once again undertakes the winding of 2.5 tons of clock weights.

Keith Scobie-Youngs studied horology at the School of Jewellery and Silversmithing in 1981 and following graduation in 1984, worked for six years at Public Clocks in London. In 1990, Keith and his wife, Lynn, established the Cumbria Clock Company Ltd. The company is responsible for the maintenance of over 1,400 clocks throughout the UK. Major projects have included Hampton Court Palace; Canterbury, Salisbury, and Durham Cathedrals; the Royal Liver Building; Manchester Town Hall; along with undertaking works for the National Trust as well as many National Museums. In 2017, the Cumbria Clock Company began the conservation and restoration of the Great Clock of Westminster, better known as Big Ben. It was the first time that the complete 15.5-ton clock mechanism had been removed from the tower in its 158-year history. During the next five years, the clock mechanism was overhauled, documented, and then reinstalled in the tower in 2022.

Keith is Past Master of the Worshipful Company of Clockmakers, London, Director of the Antiquarian Horological Society, Director of the British Watch and Clockmakers Guild, a Fellow of the British Horological Institute, and an ICON Accredited Conservator Restorer and ICON Mentor.

THURSDAY: 1:00 PM (Museum Theatre)

Bulova: A 150-Year Legacy

Carl Rosen



Carl Rosen, Bulova Historian, will focus on the history and horological innovations of the company as well as the company's impact on American culture and its importance to the American military and the NASA space program. The robust Bulova archive has been the foundation for multiple books, four museum exhibitions, including the new one at the National Watch & Clock Museum, and for the documentary

America Telling Time: 150 Years of Bulova. This session will be both informative and entertaining.

Carl E. Rosen has been the Bulova Historian since 2016. He served as chief operating officer and president of Bulova Swiss, S.A. during his Bulova career, which spanned 30 years. He also was the chief information officer of Loews Corporation, Bulova's former parent company. He has a BS in civil engineering from Tufts University and an MBA from the Wharton School of the University of Pennsylvania. He has appeared in many watch-related videos, podcasts, and television programs, including the History Channel's *Modern Marvels*.

THURSDAY: 1:30 PM (NAWCC Library)

Waltham's "American Watch Co." Grade, 1859-1905

Clint Geller



Clint's talk will outline his and coauthor Jerry Treiman's new book of the same title. He will discuss the origins and evolution of Waltham's 19th-century flagship "American Watch Co." grade, surveying the distinctive features of the nine successive models in which the grade appeared, and touching on the external developments that influenced them.

Clint Geller is the author or coauthor of three NAWC books and 20 *Watch & Clock Bulletin* articles, mostly focusing on 19th-century American pocket watches. He chaired NAWCC national seminars in 2002 and 2006, he is a past president of two NAWCC Chapters, and he currently serves on two national committees. Dr. Geller was made an NAWCC Fellow in 2003 and a Star Fellow in 2022. He received the NAWCC's James Gibbs Award for Excellence in Literature in 2009. Dr. Geller is a semi-retired materials physicist with numerous technical publications and two US patents.

THURSDAY: 2:00 PM (Museum Theatre)

The Scandalous Neglect of Martin Burgess: From H to B

Don Saff



Don will share the story of Martin Burgess, maker of the precision clock known as Clock B. Burgess built this clock based on John Harrison's mid-18th-century design.

Don Saff, recipient of the NAWCC Kenneth D. Roberts–Snowden Taylor Horological Research Award, has been an NAWCC member for 58 years. Dr. Saff is an art historian and artist with degrees from Queens College and

Columbia University. His work on the Bond family and the Harvard College Observatory was published by the Antiquarian Horological Society of England.





York Expo Center

FRIDAY: 2:00 PM (Verandah Room - Side A)

Emerging Trends in Wristwatch Collecting

James Lamdin

Hosted by Analog:Shift



James Lamdin delves into the state of the market for vintage timepieces, with an eye toward historical trends, modern demands, and future opportunities for industry professionals and enthusiasts.

James Lamdin launched Analog:Shift in 2012 following two careers in outdoor equipment and luxury automotive sales. A longtime timepiece collector, James built Analog:Shift

on a passion for storytelling with a dedicated focus on transparency and authenticity in the space. In 2020, Analog:Shift was acquired by the Watches of Switzerland Group, where it now functions as the Vintage and Pre-Owned Department for the brand. James is also a founding partner of the RedBar Group, the world's largest watch-collecting community, and is a regular contributor and specialist to numerous industry and mainstream media outlets, including *The New York Times, Bloomberg, Esquire, GQ*, and *The Robb Report*. Beyond wristwatches, James's passion for collecting extends to other categories of vintage, including classic cars, graphic art, toys, and books.

FRIDAY: 3:00 PM (Verandah Room - Side A)

We Have Always Been Here: The Unsung Heroines of Watchmaking

Rhonda Riche



There's an expression "Necessity is the mother of invention." An unexplored chapter in the history of timekeeping is the role that women in society played in inventing watchmaking as we know it today. For example, most Swiss brands can trace their ancestry to a cottage industry where men and women worked side by side to machine and assemble parts and decorate cases. On the other end of this

business, women were often the main patrons of these humble endeavors. They ran huge households, and in order to keep them in order, they needed clocks and pocket watches suspended from chatelaines. And, yes, the first wristwatches were marketed to women.

Rhonda Riche will present a timeline of women's contribution to timekeeping—from prehistoric sticks used to track tides (and therefore planting times) to radium girls to present day CEOs.

Rhonda Riche is a National Magazine Award-nominated Canadian writer with particular interests in art, watches, and design. Riche is the author of *The Wonderful World of Women's Watches* (teNeues, 2025) and co-author of *Covet Garden Home*. She has written about watches for *Fashion*, the *Globe and Mail*, *DuJour*, and *Departures*. Off the page, she co-created the short films *Felt*, *Angst* and *Perspective 5: Time Traveler* and was a contributor to CBC Radio's *Definitely Not the Opera*. She is currently the editor-at-large for Watchonista.

Riche spends most of her free time scouring thrift shops and flea markets for horological treasure and exploring the many diverse culinary options of her hometown, Toronto.

FRIDAY: 4:00 PM (Verandah Room - Side A)

Wooden Clockmaking in the 18th Century

Tom Vaughn

Hosted by Cog Counters Chapter 194



Tom Vaughn will discuss wooden clockmaking in 18th-century Connecticut, with a focus on the workshops of Benjamin and Timothy Cheney. Learn how the Cheneys trained and influenced other clockmakers and see how historical wooden clocks were made

Tom Vaughn has been working on wooden clocks for more than half his life. He grew up in Plymouth, CT, the home of many early clockmakers, and has been heavily involved

in local history organizations. He is vice president of the Plymouth Historical Society, previously worked at the American Clock and Watch Museum, and was the former administrator of music and arts at the Old Sturbridge Village Museum. He currently works as a conservator of pipe organs at Foley Baker Inc. in Tolland, CT, but his favorite occupation is making wooden clocks.

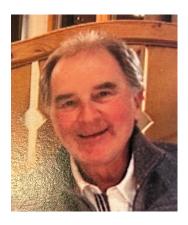
SATURDAY: 9:00 AM (Arena Lobby - Right)

Splats and Stars: An Attempt to Track Down the Clock Splat Carver or Carvers

Mick Marhevka

Hosted by Horological Art Chapter 120

Mick Marhevka is researching woodcarvers who made carved splats for clocks in the 1820s and 1830s. He has done research at the American Clock and Watch Museum and the National Watch and Clock Museum to compare designs and variations of three-dimensional carved splat designs. He will show his personal collection of carved splats and illustrate many of the finer points of the carvings.



Mick Marhevka has been a member of the NAWCC for many years and is a professional woodworker.

SATURDAY: 10:30 AM (Arena Lobby - Right)

Total Immersion: Living the Life of a Horological Apprentice in 17th-, 18th-, and 19th-Century London

Kristin Leith and Andrew Canter

Clockmaking and watchmaking is a highly specialized career path, roughly 400 years in the making. Nowadays, these skills are taught and learned in an institutionalized educational setting, and students' private lives are their own. In contrast, almost 400 years ago in early modern London, learning and passing on the secret arts of horology was accomplished through a regulated system of apprenticeship, in which the apprentice was bound to a master by a contract of "indenture." This was a system of total immersion, in which the apprentice moved into a master's household, and every aspect of the apprentice's life (work, social, private, and even sexual) was controlled by the master.

This lecture explains how these early horological apprenticeships worked from 1631, when the Worshipful Company of Clockmakers was granted its Royal Charter by King Charles I, to the end of the 19th century. It explores what it was like to be an apprentice in this dynamic milieu, who the system included and excluded, and how it contributed to the survival of the craft as well as the rise (and subsequent fall) of London as the clockmaking capital of the world during the 17th and 18th centuries.



Dr. Kristin Leith is the Senior Curator of the Clocktime digital museum, created by Dr. John C. Taylor. Her research focuses on the history of early British horology, and she specializes in the curation of digital exhibitions and the creation of engaging online experiences and content for open-access digital spaces. Prior to this role, she was the Exhibitions Curator of the Dr. John C. Taylor Collection from 2018 to 2022. An archaeologist by training,

she has also worked at the Universities of Cambridge, Exeter, and Edinburgh in various research and teaching roles and earned a PhD in archaeology from University College London in 2013.



Andrew Canter is a hugely passionate horologist and collector of watches and clocks. His fascination with watches started at an early age, and he purchased his first watch when still at school. He is a member of the British Horological Institute, British Watch & Clock Makers Alliance, the British Watch & Clock Makers Guild, Antiquarian Horological Society, NAWCC, the Horological Society of New York, and the RedBar Group.

He is a Court Assistant of the Worshipful Company of Clockmakers and the Outreach & Learning Coordinator for the Company, and has been awarded the Freedom of the City of London. Andrew has been elected Chair of the Museum Collection Committee, which oversees the Clockmakers' Museum, housed at the Science Museum in South Kensington, London.

SATURDAY: 11:00 AM (Verandah Room - Side B)

Old Timers and Fellows Luncheon (Registration Required)

Stories of York County Clockmakers

Stephen Smith

Hosted by Old Timers and Fellows Chapter 22



York County clockmakers often have interesting side stories, which will be shared along with a synopsis of their clock artistry. One such example is Jonathan Jessop, who in 1784 made his first clock in York as an apprentice at the age of 13. Learn where his shop was located and some of his other activities, such as his role in developing an apple known originally as Jonathan's Fine Winter. The name was later changed to Imperial of Keepers and is now known as the York Imperial apple.

Stephen H. Smith earned a master's degree in mechanical engineering from Penn State and is a Registered Professional Engineer in Pennsylvania. He is an award-winning family history author and retired as manager of design engineering from York International Corporation. In retirement he became a local history speaker and has researched and written over 1,300 posts on the *York Daily Record*'s YorksPast blog site.

SATURDAY: 1:00 PM (Arena Lobby Right)

The Birth and Evolution of the Carriage Clock

Greg Cook

Hosted by International Carriage Clock Chapter 195



The carriage clock was conceived in the late 18th century as a response to the demand for portable timekeeping devices. The need for a reliable and portable timepiece became evident, especially among the traveling elite and military officers who required precise timekeeping on the go. The "true" carriage clock is believed

to have been invented around 1812 by French clockmaker Abraham-Louis Breguet. Due to several innovations and geographical factors, France became the leading producer of carriage clocks. This presentation will explain the innovations, historical events, and geographical factors that made France the leader in carriage clock production.

Greg Cook has been collecting clocks since the mid-1970s and has been an NAWCC member since 1976. Over the years, he has collected and restored many different types of clocks, and his collection includes approximately 80 clocks, of which 50 are carriage clocks. Recently, he has been collecting unique French carriage clocks by makers such as Paul Garnier, Breguet, Le Roy, Dorcout, and Lepaute. Greg is retired from the military and from the education field.

SATURDAY: 1:00 PM (Verandah Room - Side A)

Watch Dial Manufacturing

Sarah Murdoch

Hosted by an Ordain

SATURDAY: 2:00 PM (Verandah Room - Side A)

Panel Discussion: The Future of Watchmaking and Collecting

Roger Smith, Patty Schmoyer, Roland Murphy, James Lamdin, John Cote

Roger W. Smith is an independent watchmaker with a specialization in high-end, handmade mechanical timepieces. Roger is a co-founder of the Alliance of British Watch and Clockmakers, working to ensure the survival and growth of British horology. Patty Schmoyer is the Vice President of Marketing for Bulova and Accutron, where she leads brand strategy, digital marketing, and global campaign initiatives. With over 30 years of experience in the luxury sector, she brings a deep understanding of market trends and customer engagement. Patty is passionate about blending heritage with innovation to elevate Bulova's presence in a competitive global landscape. Roland Murphy founded RGM Watch Co. in 1992. RGM keeps the great traditions of fine watchmaking, with modern manufacturing coexisting with antique, hand-operated machinery. James Lamdin launched Analog: Shift in 2012, and in 2020, it was acquired by the Watches of Switzerland Group, where it now functions as the Vintage and Pre-Owned Department for the brand. He is also a founding partner of the RedBar Group. John Cote has been collecting wristwatches since he was a little kid. He is a Fellow and past director of the NAWCC. Hunting for watches is still John's main passion.

SATURDAY: 2:30 PM (Arena Lobby Right)

Electric Clocks and Controlling Contact Sparking

James Meechie

Hosted by Electrical Horology Society Chapter 78



James Meechie will discuss different methods used to control sparking and damage to the contacts when the contacts are open.

James Meechie is a retired manager for vehicle emissions, school bus safety, and ignition interlock. He is a Master ASE-certified mechanic specializing in import and exotic vehicle restoration. James has 36 years of experience in clock and watch repair, restoration, and collecting, specializing in electric/self-winding clocks.

See What's New at the Museum Store!

Visit Us at the

York Expo Center Arena

and

National Watch & Clock Museum

Wyndham Garden Hotel

SATURDAY: 5:30 PM (Ballroom of the Roses)

Convention Banquet and Keynote Lecture (Registration Required)

The Rise, Fall, and Rebirth of British Watchmaking

Roger W. Smith



In this keynote lecture, Roger will explore the remarkable journey of British watchmaking—from its historic dominance and subsequent decline to its modernday revival. We'll look at the impact of the industrial and quartz revolutions, examine the pioneering role of George Daniels and his invention of the co-axial escapement, and highlight how a new generation of independent British watchmakers, supported by the Alliance of British Watch and Clockmakers, is helping to shape a bold

future for British horology.

Roger W. Smith is an acclaimed independent watchmaker with a specialization in high-end, handmade mechanical timepieces. As the sole protégé of George Daniels, the inventor of the co-axial escapement, Roger carries forward Daniels's legacy of technical innovation and precision. His work focuses on creating movements of exceptional complexity, including the Series 2 movement, which powers all of his timepieces and incorporates the co-axial escapement. Based on the Isle of Man, Roger W. Smith Ltd. produces fewer than 20 watches per year, each meticulously crafted by hand to the highest standards. Roger is deeply involved in the British watchmaking community and is a co-founder of the Alliance of British Watch and Clockmakers, working to ensure the survival and growth of British horology.





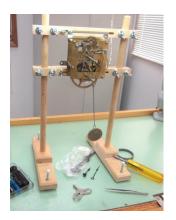
Introduction to Antique Clocks

WEDNESDAY - THURSDAY: 9 am - 5 pm

Instructors: Ken De Lucca, Education Director, and Samantha Gradel, School of Horology Coordinator

NAWCC School of Horology (Columbia, PA)

(Pre-registration required)



This two-day workshop will cover the basic functions of a time-only mechanical clock movement. All participants will disassemble and reassemble the movement several times. Participants will be introduced to the mainspring winder as well as the clock-cleaning process. The assembled movement will be lubricated and put into beat on a movement test stand. Additionally, demonstrations of pivot polishing/burnishing and a bushing machine will be given. Videos

and animations will be used to supplement instruction at the workbench.

Tools and Materials: Hand tools and the movement will be provided but remain the property of the School. It is suggested that you bring your own binocular magnifier (visor) or similar device (i.e., watchmaking loupe) and safety glasses to work with mainsprings and lathes. Visors and safety glasses are available for use in the workshop if you do not have them.

Ken is a graduate of the NAWCC School of Horology Clock Repair Program. He also has a graduate diploma for the conservation of clocks from West Dean College of Arts and Conservation (UK). He has worked in two Lancaster, PA, area clock repair centers for more than 10 years in a part-time position, one an antique shop, the other a jewelry store. Along with a Certificate of Museum Studies from the University of Delaware, his exposure to clockmaking has been wide and far. A member of the NAWCC for more than 20 years, he recently retired from teaching a technical subject (electronics and related courses) after more than 36 years.

NAWCC Mini Workshops

Polishing Pivots: The Most Important Step in Successful Clock Repair

Friday, June 20

1:00 p.m.

Instructor: Dave Gorrell

YEC Arena Conference Room

Bronzing on Antique Clocks

Saturday, June 21

11:00 a.m.

Instructor: Ness Ball

YEC Arena Conference Room

Lubricating Clocks

Friday, June 20

2:30 p.m.

Instructor: Samantha Gradel

YEC Arena Conference Room

Glass Cutting Techniques for Clocks

Saturday, June 21

1:00 p.m.

Instructor: Dave Gorrell
YEC Arena Conference Room

Using the Depthing Tool in Clock Repair

Friday, June 20

4:00 p.m.

Instructor: Dave Gorrell

YEC Arena Conference Room

Stenciling on Antique Clock Glasses

Saturday, June 21

2:30 p.m.

Instructor: Lee Davis

YEC Arena Conference Room



Workshops in the Archie Perkins Mobile Classroom YEC Arena

Each of these free classes is limited to 8 participants.



Water Resistance: Wet and Dry Methods

FRIDAY: 3:30 - 4:30 pm

Instructor: Jason Ziegenbein

Not only will the testers be demonstrated, but each participant will go hands-on with each machine. This training even includes programming these devices for their optimal use. Guidelines for testing will be discussed and specification charts will be handed out. Cases will be prepared for random testing. This is a hands-on workshop and tooling will be provided.

Screwdriver / Tweezer Maintenance

SATURDAY: 9:00 - 10:00 am

Instructor: Jason Champion

This class teaches proper screwdriver and tweezer maintenance, including how to select and use sharpening tools. Learn about torque screwdrivers and new materials for screwdriver blades and tweezers. This is a hands-on workshop and tooling will be provided.

Modern Watch Timing Equipment: Watch Timers and Their Use

SATURDAY: 10:30 - 11:30 am

Instructor: Jason Ziegenbein

This class will utilize modern Witschi mechanical watch timing equipment to analyze mechanical watch movements. The course will give a general overview of the timing equipment, allowing for questions and answers as well as an opportunity to use the equipment. Part of this course will be hands-on with movements and equipment being provided for use.

Quartz Testers: How and Why

SATURDAY: 1:00 - 2:00 pm

Instructor: Jason Champion

This class will utilize modern Witschi quartz timing equipment to analyze quartz watch movements. The course will give a general overview of the timing equipment, allowing for questions and answers as well as an opportunity to use the equipment. Part of this course will be hands-on with movements and equipment being provided for use.

Jason Champion is the Education Director for the American Watchmakers-Clockmakers Institute (AWCI) located in Harrison Ohio. Jason previously served as the program chair for the School of Watchmaking at Oklahoma State University Institute of Technology. He holds an AAS degree from OSUIT in Watchmaking including WOSTEP and CW21 certifications, a BS in Occupational Education and an MS from OSU Stillwater in Teaching, Learning and Leadership.

Jason has instructed individuals from all over the world in horological classes working on luxury time pieces. His work experience includes university instruction and instruction nationally through AWCI on their state-of-the-art Archie Perkins Mobile Horology Classroom. He worked in New York City for Luxury watch brands including Panerai, Cartier, Piaget and Baume and Mercier with Richemont North American. Jason had a private business working on high-end luxury watches prior to instruction. These experiences aid in teaching students how to repair watches and develop customer relations skills.

Jason Ziegenbein is the Watchmaking Instructor for the American Watchmakers-Clockmakers Institute (AWCI) located in Harrison, OH. Jason previously served as the Lead Instructor for the School of Watchmaking at Oklahoma State University Institute of Technology. He holds an AAS degree from OSUIT in Watchmaking, including WOSTEP and CW21 certifications and a BS in Career and Technical Education OSU Stillwater. He is also Rolex Level 50 and OWME 1120 certified.

Jason has instructed individuals from all over the world in horological classes on luxury timepieces. His work experience includes university instruction and instruction with AWCI in its state-of-the-art Archie Perkins Mobile Horology Classroom. He has worked as a retail watchmaker for several high-end jewelers in Houston, TX, and in Tulsa and Oklahoma City, OK. Jason also had a private business working on vintage and high-end luxury watches for the wholesale market. These experiences aid in teaching students how to repair watches and develop customer relations skills.

The Crafts Competition is an NAWCC National Convention tradition and comprises a wide variety of skills associated with horological craftsmanship that spans 26 possible competitive classes. All requirements and qualifications are available online at nawcc.org.

Visit the Crafts Competition display and cast your ballot for the People's Choice Award!

Setup

Friday, June 20: 10:00 a.m. – 4:00 p.m.

Open for Viewing

Friday, June 20: Noon – 5:00 p.m.

Saturday, June 21: 9:00 a.m. – 4:00 p.m. (Closed for Judging: Noon - 2:00 p.m.)

Awards will be announced in the Crafts Competition area of the York Expo Center Arena at 3:00 p.m. on June 21. The People's Choice Award will be presented during the Convention Banquet on June 21 at the Wyndham Garden Hotel.

Special thanks to Chair William Slough, the Crafts Competition judges, and the entire Crafts Committee!

2025 Silent Auction Fundraiser

Saturday, June 21 • 5:30 – 9:00 p.m.

Ballroom of the Roses - Wyndham Garden Hotel

Bid on fabulous timepieces and horological experiences at the banquet's silent auction. Proceeds benefit the National Watch & Clock Museum.



Exclusive Conservation Studio Session with Rory McEvoy + 1 Night Lodging at Wyndham Garden York & \$150 Bully's Pub Gift Card





Your Own Private Clock Tutor! A Day at the School of Horology with Ken De Lucca +1 Night Lodging at Wyndham Garden York & \$150 Bully's Pub Gift Card





Exclusive Tour of RGM Watch Co. + Lunch with Roland Murphy





Hamilton Khaki Field watch Donated by Hamilton, hamiltonwatch.com



WOLF Watch Winder
Donated by Koser Jewelers, koserjewelers.com



nawcc.org/donate





yorkpa.org

Presenting Sponsor



























CRAFTS COMPETITION PEOPLE'S CHOICE AWARD

Handblown Glass Trophy – Donated by Donegan Optical Co., in memory of Bill Donegan

Banquet Silent Auction Donors

RGM Watch Company Hamilton Wyndham Garden Koser Jewelers Bully's Pub

GOLD (\$500-\$999)

Buckeye (OH) Ch. 23 British Horology Ch. 159 Susquehanna (PA) Ch. 193

SILVER (\$200-\$499)

New York Ch. 2 Old Dominion (VA) Ch. 34 Kentucky Bluegrass Ch. 35 Heart of America (KS) Ch. 36 Tennessee Valley Ch. 42 Sunflower Clock Watchers (KS) Ch. 63 Jean Ribault (FL) Ch. 68 High Desert (CA) Ch. 73 San Jacinto (TX) Ch. 139

SILVER - INDIVIDUALS (\$200-\$499)

Steve Olson

BRASS (up to \$199)

Chicagoland (IL) Ch. 3 Great Lakes (MI) Ch. 6 Southwestern (TX) Ch. 15 Colorado Ch. 21 Toronto (CAN) Ch. 33 Magnolia (MS) Ch. 41 Inland Empire (WA) Ch. 53 Alabama Ch. 54

Great Plains (NE) Ch. 58 Arkansas Razorback Ch. 62 Peace Pipe (IN) Ch. 83
Western Michigan Ch. 101
Tower and Street Clock Ch. 134
Mt. Rainier (WA) Ch. 135
Central Jersey (NJ) Ch. 142
Palmetto State (SC) Ch. 144
Connecticut Ch. 148
Keystone (PA) Ch. 158
Watauga Valley (TN) Ch. 162
Madison (WI) Ch. 171

INDIVIDUALS – BRASS (up to \$199)

Benjamin & Marguerite Bissett Thong Huynh & T. Lee Stephen Lebduska Michael Lowe Richard Robinson

Gerald & Joan Rogers Dennis Sebastian Thanh Tran

Carroll & Anna Beth Wolfe

Thank you to all of our sponsors, donors, members, and Chapters!



Attendance Rules

To ensure that this event is fun, welcoming, successful, and safe for all attendees and volunteers, event management requires that all attendees agree to abide by all rules. Failure to do so may result in removal from the event.

- Please comply with all event rules and instructions from event management whether written or verbal.
- Please treat staff and all attendees with respect.
 Aggressive behavior is not welcome and will not be tolerated.
- Valid NAWCC membership card is required for entry.
 Badges must be worn at all times.
- Firearms are not permitted in NAWCC areas, including the mart, lecture rooms, and banquet functions.
- Smoking is permitted in designated areas only.
- No pets. Only registered service animals are permitted in NAWCC event areas including the mart.
- Outside food and beverages are not permitted in the convention building.

Additional Table Holder, Dealer, and Exhibitor Rules:

- Keep aisles and exits clear of obstructions at all times.
- Check your table(s) and verify that the table legs are in the fully locked position and folding chairs are fully open and functional.

- Observe all provisions in the NAWCC Member Code of Ethical Conduct, including:
 - » Provide the buyer with all known information regarding any item offered for sale, and clearly identify all known or suspected alterations, substitutions, or reproductions.
 - » Counterfeit items are not permitted on the premises. The sale of counterfeit items is a criminal offense.
 - » The sale or trade of any horological items using deceptive practices is prohibited including; a) false or misleading claims of scarcity, age, value, condition, provenance, or investment potential and b) false or misleading representation of reproductions or replicas unless clearly identified as reproductions or replicas.
- Non-Horological items are permitted for sale provided they are appropriate and of interest to Horological collectors. No weaponry is permitted. Event management may require the removal of inappropriate or non-Horological items at their sole discretion.

Statement Regarding Sales Tax

Sales taxes are levied by state and local governments. This legislation applies to all sales conducted at NAWCC events in compliance with these state and local laws. The obligation to collect sales tax has no relation to whether the Mart is open to the public or only to NAWCC members. Unless specifically exempt, the fact that the sponsoring entity is a not-for-profit entity, including 501(c)(3) or any other designated tax-free entity, does not negate the requirement to collect sales tax and render it to the appropriate government agency. It is the responsibility of each individual conducting retail sales, including Mart table owners, to provide the required licensing, documentation, and taxes collected to the applicable tax agency. NAWCC Inc. cannot and will not be held responsible for action taken by any government agency against those not complying with government regulations.

Liability Disclaimer & Indemnification Statement

This Disclaimer & Indemnification Agreement is governed by and shall be construed under the laws of the Commonwealth of Pennsylvania, without regard to its conflicts of laws rules. Any dispute, claim, or cause of action arising out of or in connection with this Agreement shall be brought in a court sitting in the Commonwealth of Pennsylvania without exception. Each party hereto irrevocably submits him/itself to the jurisdiction of either the United States District Court for the Eastern District of Pennsylvania, or to the Commonwealth of Pennsylvania, courts in Lancaster County, Pennsylvania, for the purposes of any such suit, action, or proceeding. In the event of a breach of the provisions of this Agreement, the non-breaching party shall be entitled to recover its costs and reasonable attorney's fees.

By attending this NAWCC event, you and any guests voluntarily assume all risks including exposure to COVID-19 and other infectious diseases, and further agree to indemnify, defend, and hold harmless NAWCC Inc., and its officers, directors, agents, contractors, employees, members, and volunteers from and against any and all illness, injury, demands, claims, damages to persons or property, losses and liabilities, including reasonable attorneys' fees arising out of or caused by attending any and all activities associated with this event.

Read the Disclaimer & Indemnification Statement above and contact us if you have any questions at membership@nawcc. org.

The NAWCC Inc., its Officers, Directors, Members, Agents, Independent Contractors and Convention Committee Members are and shall not be responsible for any loss, injury, damages, restitution by tort, contract, statute, equity or in common law. Valid NAWCC membership card required for entry. Photo ID required for new and renewing member applications.



Rocky Mountain Regional

July 25, 26 & 27 2025 Boulder County Fairgrounds Longmont, Colorado

For detailed Information/registration form, see NAWCC21.com/regional or call Dave Fornof at (720)879-4173 or email at foroclock12@gmail.com

"Full refunds on tables & admission if canceled." The NAWCC, it officers and members and the Rocky Mountain Regional Colorado Chapter No. 21 are not responsible for any loss, injury or tort during



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EASTERN STATES REGIONAL

Sponsored by Chapter 13, 33 & 55

After Enjoying the 2025 National Convention, finish your summer experience at the 55th Annual Eastern States Regional!

Friday, August 8th and Saturday, August 9th, 2025 At the J.M. McDonald Sports Complex 4292 Fairgrounds Dr. Cortland, New York 13045

> See our website at nawccesr.com For full details and Registration!

-Registration: Friday 10AM -4 PM, and Saturday 8AM - 3 PM.
-Mart: 150 Mart Tables

-Friday: Cog Counters Picnic
-Friday Evening: Watch & Clock Lectures
-Saturday: Specialty Chapter Meetings

-Saturday Workshops: 8 Individual Workshops featuring clock & watch repair techniques providing skills for the hobbyist as well as advanced repair methods for the skilled horologist.

Questions? Contact Chair Dave Richardson at dprichardson43@gmail.com



ALL TEXAS CHAPTERS REGIONAL

Sponsored by Chapter 139 with Co-Host Chapters 15, 80 & 124

AUGUST 22-24, 2025

Houston Westchase Marriott - \$99/room – Reservations 713-978-7400

Special Early Bird Discount!!! Register online at chapter139.com

FRIDAY (2pm-6pm): Unloading and mart is open!

SATURDAY: 8am-Unloading, mart open / 11am Mart open to public /

5pm Mart closed / 5-6pm Ch. 139 silent auction

SUNDAY: 7:30-8:30 am Breakfast banquet (cash drawing) / 9am Mart open / 12pm Mart money giveaway / 2pm Mart closed

NAME:	NAWCC #
SPOUSE (if attending): CH	
ADDRESS:	
CITY:	
PHONE:EMAIL:	
I am an NAWCCOld TimerFellow	
EARLY BIRD REGISTRATION:	
Member: @ \$30.00 ea.	\$
Spouse: @ \$30.00 ea.	\$
Age 17 & Under:	FREE
Breakfast Banquet:@ \$20 ea.	\$
Table (6 ft.): @ \$25.00 ea.	\$
GRAND TOTAL:	\$

Prices include Early Bird Discount. Prices increase after 7/31.

Register Online or send form & check (payable to <u>San Jacinto Chapter 139</u>) to: All Texas Chapters Regional, JD Castle, Treasurer

28131 Pine Manor Ct., Conroe, TX 77385-9057.

The NAWCC, its officers and members, and the All Texas Chapters Regional are not responsible for any loss, injury, or tort during this event.

A NIGHT AT THE WATCH & CLOCK MUSEUM

Dedication of the new Bulova exhibit + screening of *America Telling Time:* 150 Years of Bulova

AMERICA TELLING TIME

150 YEARS OF BULOVA



Meet Michael Culyba, director of the featurelength documentary commissioned for Bulova's sesquicent<u>ennial.</u>

Tour the exhibit with Carl Rosen, Bulova Historian, and Julie Loftus, Bulova Archivist.

Enjoy cocktails and light bites at this free event.

June 20 6:00 p.m. – 10:00 p.m

National Watch & Clock Museum 514 Poplar Street, Columbia, PA 17512



RSVP to reserve your spot. natcon.nawcc.org/bulova-film

While You're Here... Things to Do In and Around York, PA

York County History Center

121 N. Pershing Ave., York, PA 17401 • yorkhistorycenter.org



From the Revolutionary War to the industrial revolution and Civil War, discover York's place in history. Recently voted one of the top 10 new museums in the US by *USA Today* readers.

Goodridge Freedom Center and Underground Railroad Museum

123 E. Philadelphia St., York, PA 17401 • goodridgefreedomcenter.org

See a hiding place on the Underground Railroad while learning about the Goodridges' contributions to York and beyond.

Gettysburg National Military Park

1195 Baltimore Pike, Gettysburg, PA 17325 • nps.gov/gett/index.htm Learn about the bloodiest battle of the Civil War, the inspiration for Abraham Lincoln's Gettysburg Address.

AACA Museum – America's Transportation Experience

161 Museum Dr., Hershey, PA 17033 • aacamuseum.org

Enjoy displays of restored cars, motorcycles, and buses, including the world's largest collection of Tucker automobiles.

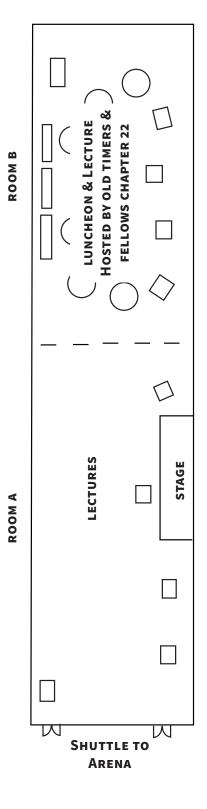
Railroad Museum of Pennsylvania

300 Gap Rd., Strasburg, PA 17579 • rrmuseumpa.org

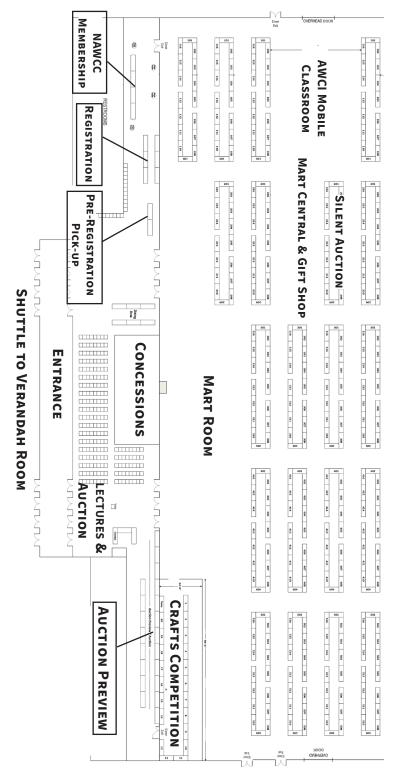


Discover the stories of railroading in Pennsylvania, featuring more than 100 locomotives and railroad cars and related artifacts

Verandah Room



York Expo Center Arena





June 25 - 28, 2026