

Winter 2016 - Vol. 45 No. 4

Hagley MAGAZINE

SAVE THE DATE

Holidays at Hagley November 25 to January 1 Twilight Tours December 13, 14, 20, 21, 27, 28 Invention Convention January 14, 15, 16





From The Executive Director

Executive Director David Cole

Cover: The Eleutherian Mills Residence, dressed for the holidays.

Back: A holiday wreath on the door of the Brandywine Manufacturers' Sunday School, which is celebrating its 200th anniversary in 2017.

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In a landscape as rich in beautiful natural features as Hagley's, the change of seasons is always keenly anticipated. As the colorful and crisp autumn gives way to winter's frozen delights, Hagley presents a different face to its visitors; it invites them to explore its garden paths, nature trails, and historic mill races with an eye open to new viewsheds

and discoveries. With a little cooperation from Mother Nature, a walk along our stretch of the Brandywine in December or January reveals a tableau of snow-wreathed limbs and crystalline waterways—a magical scene, not to be missed.

These appealing changes in "natural Hagley" during the winter are complemented by indoor offerings that bring the warmth of tradition—and the spark of ingenuity—to the coldest months. As the following articles suggest, this year's holiday programs in the Gibbons House and the Eleutherian Mills residence vividly recreate the Christmas and New Year's celebrations enjoyed by workers and du Pont family members who lived on this property. Displays of Victorian-era Christmas trees and ornaments, and special exhibits of

period toys, dolls, and games, recreate the spirit of holiday play during the nineteenth century. Grab a Holiday Backpack and join in on the fun!

And speaking of fun...there is no better way to stoke your creative fires, and break up the winter doldrums, than to participate in mid-January's Invention Convention. We

Bring your imagination and we will take care of the rest.

promise three days of exciting scientific presentations, hands-on opportunities to take machines apart, and all the materials and inspiration you need to create your own inventions. This year's theme is videography, and you will have the chance to learn and practice the latest techniques. As with all of our winter programs, bring your imagination and we will take care of the rest.

Hagley Magazine is published quarterly by Hagley Museum and Library, a 501(c)(3) nonprofit organization.

Address: P. O. Box 3630, Wilmington, DE 19807-0630 (302) 658-2400 • www.hagley.org

Hagley Magazine welcomes your feedback. Contact us at askhagley@hagley.org.



"A Child's Delight" in Eleutherian Mills

Seeing the delight in children's eyes when they notice their gifts for the first time brings back fond memories of past holidays. Toys, games, and dolls are the decorative theme in the annual Holidays at Hagley exhibition at Eleutherian Mills Residence.

Prominently displayed in the parlor is a large early twentieth-century Christmas tree beautifully decorated with tinsel. Underneath, toys and dolls are waiting to be admired by children of all ages. Scattered throughout the room are more toys, including two charming monkey toys—a puppet and a swinging toy monkey that are simply adorable. Also featured is a small display of child-related items, including a large wicker baby carriage, doll beds, and a stroller called an "Oriole."

During the Victorian years when candlelit tabletop Christmas trees were the norm, hand-made gifts were attached to tree branches, and winter scenes were displayed underneath the tree. The upstairs Victorian library shows how magical that looked with its mid- to late-

nineteenth-century toys, games, and dolls. The upstairs parlor features a case filled with small ceramic animals well-loved by some of the du Pont family children.

Early du Pont family French holiday traditions are remembered with a display of gifts that were given to E. I. du Pont's children on New Year's Day as well as the Twelfth Night party illustrated by the ornate French dessert service in the dining room.

Be sure to visit the exhibition during Twilight Tours, special evenings held on Tuesdays and Wednesdays from December 13 through 28. Visitors will have a rare opportunity to see the residence during the evening hours, illuminated by soft, glowing lights. Visit www.hagley.org for details.

The exhibition opens Friday, November 25, and closes on Sunday, January 1.

"A Child's Delight" Exhibition

Opens Friday, November 25 Closes Sunday, January 1 Included with admission Twilight tours require reservations, see story on page 5 Open 10 a.m. to 4 p.m.

The parlor in Eleutherian Mills, decorated for the holidays.







Photos by Ashley Schroeder

Thanksgiving at Hagley

November 25, 26, 27 11 a.m. to 4 p.m.

Holiday Activity Backpacks

Available November 25 to January 1 Check out at Visitor Center Activities included with admission.

Visitors can enjoy nineteenthcentury dress-up, make holiday crafts, and sample historical recipes.

Thanksgiving Weekend at Hagley

Thanksgiving weekend at Hagley features Victorian Christmas traditions, as celebrated by the families who lived here.

Visitors can start in the Gibbons House kitchen to discover what Mrs. Gibbons might have cooked for her family at Christmas. Enjoy tastes of roast goose, braised parsnips, and baked rice pudding. All the dishes prepared by Roy Eckbold, chef of the Belin House Organic Café, are drawn from historical recipes and can be found in "The Hagley Cookbook: Recipes with a Brandywine Tradition." This cookbook is available for purchase in the Hagley store.

Upstairs, the parlor will be decorated for a Victorian Christmas. Discover how families had fun on long winter evenings by playing parlor games. Be sure to bring your camera for a nineteenth-century dress-up opportunity. Create your own Victorian Christmas ornament in the Brandywine Manufacturers' Sunday School.

Hagley's Handwork Group will have a booth on site during the Thanksgiving weekend. Stop by to shop for beautiful handmade goods made with donated materials. All proceeds go to support education programs at Hagley. Every purchase enables a child to visit Hagley, who wouldn't otherwise have the opportunity. That's a holiday gift to be proud of.

If you can't make it Thanksgiving weekend, don't worry. Your family can check out a Holiday Backpack any day during the season. This pack contains several exciting activities for the whole family. Discover the different traditions celebrated during the holiday season at Hagley. Explore the site with the "Holiday Hunt," or decorate the Gibbons House parlor on a magnet board.







Photos by Ashley Schroeder

Holidays at Hagley – Twilight Tours

For generations, the holidays at Hagley have been a time when friends and family gather together, creating new traditions and memories. Hagley's Twilight Tours in December offer the perfect way to continue this tradition.

The residence will feature "A Child's Delight," an exhibition in the residence featuring a Christmas tree and nineteenth-century children's toys, games, and dolls.

On Tuesday and Wednesday evenings from December 13 through December 28, Hagley will offer an exceptional opportunity to experience the du Pont Residence by the warm winter glow of twilight. The du Pont family residence will open for these evenings, with the splendor of the holiday showing throughout the residence. Small groups will be guided through the softly-lit house and get an intimate glimpse at the holiday season for the du Ponts as they would have experienced

it after a long day of cooking, gift-making, calling, and merrymaking. Tours begin at the Visitor Center followed by a ride through the powder yards to the residence.

Tours are every half-hour beginning at 4:30 p.m. with the last tour leaving the Visitor Center at 7 p.m. Reservations are required and can be made at www.hagley.org or by calling (302) 658-2400, ext. 261. Only a limited number of tickets will be sold for each tour, and some sell out. Admission is free for Hagley members and \$10 for not-yet members. The Hagley Store will be open until 8:30 p.m. on Twilight Tour evenings.

Hagley members will have the opportunity to get tickets ahead of public sales by following the link sent to them via email.

Twilight Tours

December 13, 14, 20, 21, 27, 28 4:30 to 7 p.m. every half hour

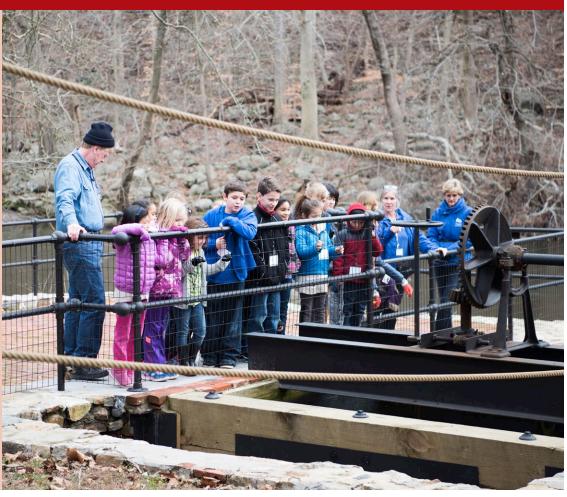
Reservations required www.hagley.org or (302) 658-2400, ext. 261

Free for members \$10 for not-yet members

During Twilight Tours, visitors can see the du Pont family home dressed for the holidays.







Photos by Ashley Schroeder

WOW Camp

December 26, 27, 28, 29, 30 9 a.m. to 4 p.m.

Members: ⁵60 per day Not-yet-members: ⁵75 per day To register, contact Jeff Durst at jdurst@hagley.org or (302) 658-2400, ext. 285

Hagley WOW campers make crafts, see the power of the Brandywine, and cover their ears before the blast of a gunpowder test.

Hagley WOWs Campers Again

Hagley will bring the "Wonders of Winter" alive again with its second annual WOW camp. The camp is designed for children 7-10 years old. Parents who are looking for fun ways to fill their children's winter vacation should sign them up for WOW camp. It takes place December 26-30, the week between Christmas and New Year's Day.

Each day will be packed with explorations of Hagley, which is just as captivating in the winter as it is the rest of the year. Campers will participate in creative crafts and engaging experiments that reflect the history and science of Hagley. Campers might build a catapult one day and then bake cookies in a cast iron stove the next day. This year's camp will feature an entire day of textile arts, such as needle felting and weaving. Campers can make a quilt square to add to Hagley's community quilt.

Campers can enjoy a tour of the nineteenth-century machine shop with demonstrations of the machinery and the nearby turbine exhibition.

Young visitors will also see and hear the giant eight-ton mill wheels used to grind powder and experience the blast of a gunpowder test.

Campers can attend any number of days during the camp week. Each day will be different. Discounts are available for campers who attend three to five days. WOW camp will be staffed with trained Hagley guides assisted by high school volunteers. There is a maximum of twenty-five campers per day, so reserve your child's spot today. For more information about this winter camp, contact Jeff Durst at jdurst@hagley.org or (302) 658-2400, ext. 285.







Photos by Ashley Schroeder

Invention Convention & Videography

Over just a few years, video has come a long way. Huge shoulder-mounted camcorders have been replaced by smart phones; editing has evolved to simple computer programming; and distribution of finished videos is now available by downloads. How can anyone keep up with the technology?

Invention Convention 2017 on January 14, 15, and 16 will explore how videographers create videos that entertain and inform us.

There will be plenty of video-related activities for visitors to try. Visitors can celebrate the early animators by making thaumatropes and flip books to create blended, moving images, and they can become a Foley artist by using unusual objects to create sounds for a silent video sequence. Visitors can also create their own stop motion video. And where would videography be without a green screen?

In addition to learning about the devices and applications of videography, there will be science shows on Chemistry, Physics and Weather. Visitors will also enjoy Invention Convention's Tinkering Tables and Create-an-Invention area. At the Tinkering Tables, families can investigate the insides of an electronic gadget by using simple hand tools to take it apart. The opposite happens in the Create-an-Invention area, where children can make an invention using everyday household items. To celebrate a job well done, a Hagley "patent" will be issued for every invention.

Visitors could easily come all three days and experience something different each day.

Invention Convention

January 14, 15, 16 10 a.m. to 4 p.m.

Soda House and Library

Adults ^{\$}8 Children 4-14 ^{\$}6 Children younger than 4 and Hagley members free

Lunch and refreshments available from the Belin House Organic Café

Volunteers ages 16 and up are needed! Visit www. hagley.org/volunteer



Golden Pheasants Committee

Anne & Phil Annone Roniece & Henry duPont Tracy & Brian Fuchs Robin & Jeffrey Kusumi Anne & David Lyons, Jr. Megan & A. J. McCrery IV Mark Talley

The millrace and iconic boxcar create a beautiful winter scene.

Inset: Ice jam on the Brandywine near Hagley, ca. 1900. For a sense of scale, see the person standing on the ice to the far left.

Winter's Beauty and Bounty

Celebrate the beauty of Hagley at the annual Golden Pheasants Game Dinner on Saturday, January 28, at the Hagley Soda House. The menu features a five-course game menu topped off with the signature Hagley Cannonball dessert. Cocktails begin at 6 p.m., during which guests can participate in a silent auction and raffle featuring French wines, a carbide cannon, a Pennsylvania Railroad train set, and other items.

Dinner features a talk by Jill MacKenzie, Hagley's director of audience engagement, showcasing winter's beauty and challenges in the Brandywine Valley. A self-described weather geek, MacKenzie has experienced a wide range of winter weather along the Brandywine during her more than thirty years at Hagley.

Catered by the Wilmington Club, sumptuous hors d'oeuvres will be offered,

from the traditional fried oysters and jumbo shrimp to creative presentations of game selections—past years have included duck, salmon, emu, and venison. Dinner courses, also featuring choice game items, are paired with wine selected and described by Alain Blanchon.

Dinner tickets are \$150 for members and \$185 for not-yet-member guests. Invitations will be mailed to Hagley's Golden Pheasants members in December. Reservations for this event fill quickly. Contact Kim Kelleher in the membership office to reserve a table or for more information, (302) 658-2400, ext. 235. Bad weather date is Sunday, January 29.



Chill Out at Hagley This Winter

Even during the cold months of winter, Hagley offers fun, family-friendly events. The incredibly popular Science Saturdays include a great lineup of themes and activities. At each Science Saturday, the whole family will be challenged to solve a problem using science.

"Truss Me, You Won't Fall" on January 28 focuses on structural engineering while challenging kids to build their own bridges. In "Float Your Boat" on February 11, visitors will learn about density and buoyancy while building a boat that will carry the largest load possible. Participants build a hydraulic-powered robot arm on February 25 at "Pump It Up!" "The Chain Gang" introduces the wide world of polymers at the final Science Saturday of winter on March 11.

Visitors can show how much they love someone by making their own Valentine card at Victorine's Valentine's Day on February 11. Also, they can send a secret message through tissue paper flowers or design a candy bar wrapper. In case participants need to warm up, they can get creative at the hot cocoa bar with whipped cream, chocolate morsels, and other tasty treats.

During all these fun events, volunteers in Hagley's Youth Leadership Program will demonstrate great activities on Hagley's SparkCart, including two exciting new themes: the transmission of power and innovations in textiles. See if you have what it takes to power a fan or weave a bookmark.

All programs are free for Hagley members and included with general admission. For more information, visit www.hagley.org.

Science Saturdays

1 to 4 p.m.

January 28 – "Truss Me, You Won't Fall"

February 11 — "Float Your Boat"

February 25 – "Pump It Up!"

March 11 — "The Chain Gang"

Victorine's Valentine's Day

February 11 11 a.m. to 4 p.m.

SparkCart

All dates listed above 1 to 4 p.m.







Photos by Ashley Schroeder

"Driving Desire" will be on display in the second floor of the Visitor Center until March 12, 2017.

Extended Jaunt for "Driving Desire"

If you haven't seen Hagley's latest exhibition, you're in luck. Due to its popularity, "Driving Desire: Automobile Advertising and the American Dream" has been extended to March 12, 2017.

This is good news for all car enthusiasts. There's something for everyone in this exhibition, from fun interactive activities for the youngest visitors to in-depth explorations of great advertising campaigns for nostalgic museum-goers. The exhibition draws from Hagley Museum and Library collections, especially from the Z. Taylor Vinson Collection of Transportation Ephemera. A large variety of fascinating collection items is on display, from museum artifacts and print advertisements to vintage television commercials and digitized content.

The exhibition also features an original 1958 Metropolitan, a car prominently featured

in the 1995 classic movie "Clueless" in which a similar model was driven by actor Justin Walker.

"Mad Men," a term popularized by the AMC show by the same name, refers to the advertising professionals entrenched on Manhattan's Madison Avenue in the 1960s. These firms, along with others across the country, have influenced American buying decisions.

"Driving Desire" asks visitors to think about the role of advertising in our lives. Did you buy the car you needed, or were you sold the car you wanted? To explore this question, the exhibition focuses on tried and true advertising points and demonstrates how they have been employed repeatedly since the beginning of the automotive industry.

So mark your calendars and drive over to Hagley. And enjoy the ride.



New Faces on Board of Trustees

Mati Bonetti de Buccini and John S. Wellons have been voted onto Hagley's Board of Trustees.

Buccini is the partner/director of Atelier Delaware, one of the finest art storage facilities in the United States. Before launching that business in 2015, she was an account executive for an advertising agency in the Dominican Republic, a brand manager at Philip Morris, and MTV's director of international marketing.

Buccini, a native of the Dominican Republic, earned a bachelor of arts in history and a minor in art history from Georgetown University in Washington, D.C., and a master of business administration from Columbia Business School in New York. She, her husband, Chris, and their children Claudina, Tomás, and Roberto live in Chadds Ford, Pennsylvania. She also serves on the boards for the Delaware College of Art and Design and the Ministry of Caring.

Wellons is the chief administrative and development officer with the Boys & Girls Clubs of Delaware. Before starting there in 2012, he held leadership positions with the Buccini/Pollin Group, Bank of America, MBNA America, KPMG Australia, and KPMG Consulting U.S.

He earned a bachelor of business administration in accounting from the College of William & Mary and was a CPA in Virginia. He, his wife, Bree, and their daughters Josephine and Kemble live in Greenville, Delaware.

Wellons is a trustee and audit committee member of the Christiana Care Health System, and he has served on the boards for the Delaware Community Foundation, Pilot School, and the Boys & Girls Club of Delaware.

Mati Bonetti de Buccini (left) and John S. Wellons (right).



Photo by Ashley Schroeder

Kevin Martin, Andrew W. Mellon Curator of Audiovisual Collections & Digital Initiatives, with visitors at the library open house.

The resident fellowships have been made possible in part by a major grant from the National Endowment for the Humanities: Exploring the human endeavor



New Post-Doctoral Fellowships

Hagley has received a renewable, threeyear \$172,200 grant from the National Endowment for the Humanities to fund residential fellowships for scholars who have received their doctoral degrees.

The NEH awarded the grant under its Fellowship Programs for Independent Research Institutes. Recognizing that at times scholars need to work away from their homes and institutions, the FPIRI program sponsors fellowships that provide scholars with research time, a stimulating intellectual environment, and access to resources that might otherwise not be available to them. It is limited to institutions not affiliated with a university and that have an existing fellowship program with demonstrated effectiveness.

This prestigious program funds postdoctoral fellowships at twenty-five institutions, including the Newberry Library in Illinois, the Folger Shakespeare Library in Washington, D.C., and the Huntington Library, Art Collections, and Botanical Gardens in California.

Two NEH-Hagley Postdoctoral
Fellowships on Business, Culture, and
Society will be awarded annually, beginning
in summer 2017, one for four months
and one for eight months. Recipients are
required to remain in residence at Hagley
and to participate in library events. They
will add to the cluster of fellowships already
offered by Hagley's Center for the History
of Business, Technology, and Society that
currently include research grants and
support for graduate students who are
finishing their dissertations.



Library Improves Digital Archives

Hagley Library has launched a new platform for its digital archives. The library has been hosting an online archive of curated library content for nearly a decade, and this is the first major upgrade. The Audiovisual and Digital Collections Department has been working on migrating to the new site for close to two years, and staff members are thrilled to finally share it with the research community.

The digital archives site—digital.hagley.org—includes a selection of digitized material from the library and makes it available to researchers around the world via the internet. Since the site launched in 2008, the library has added approximately 400,000 items (photographs, manuscripts, publications, etc.) and has had three-quarters of a million people access more than 5 million pages on the site. This is an unprecedented use of the collections housed at Hagley.

The new digital archives site is much faster than the previous site. The interface it uses for sharing books and other text-based sources is similar to the ones used at the Internet Archive so they should be familiar to many in Hagley's research community. In addition, the new platform will give Hagley the capacity to make our sound and moving picture content available more efficiently.

AN AGENT SHOT THEM IN THE BACK AND DRYS APPLAUD THE SLAUGHTER

Please send input on the new site to askhagley@hagley.org. The site is a work in progress, and staff members plan on continuing enhancements in the coming months and years. Much of this development will be driven by user feedback.





Volunteer at Hagley!

Hagley offers a wide range of volunteer opportunities that can provide a fit with your unique skills and abilities.

Videos Show Off Volunteers

Smile! You're on camera – or maybe you're in an online video.

With tech-savvy volunteers leading the way, Hagley volunteer roles are now visible online in digital format. Volunteers have taken hundreds of photographs of volunteers speaking with visitors, gardening, assisting with event support, and serving in many other roles. Additional volunteers have taken these action photos, added peppy music and informational text, and created short, interesting videos.

You and any potential volunteer can see an event and what you might be doing. Volunteers and staff members are excited to share these visual experiences with you and those searching for interesting volunteer opportunities.

Check them out at www.hagley.org/volunteer and subscribe to our Hagley Volunteers YouTube channel.

Hagley staffers appreciate and thank all the many talented volunteers who contribute to this process and product.

If you love photography, video, or making video clips and want to volunteer, please contact Angela Williamson, volunteer manager, at awilliamson@hagley.org, apply at www. hagley.org/volunteer or call (302) 658-2400, ext. 257.



Photo by Ashley Schroeder

Member Benefits Updated

Member benefits have been updated and upgraded to meet your needs.

Based on your feedback, you will no longer need a walking pass to walk on the Hagley grounds. Just bring your membership card and check in at the Visitor Center.

So that you can make the most of your Hagley membership, Hagley will mail each member a new membership card early in 2017. This card will have a new personal member number which will allow you to log in to Hagley's secure website to access your membership information. From there you can purchase tickets to the museum, programs, tours, and fireworks.

In April, Hagley will mail all active members fireworks invitations for those members who prefer to mail in their order with a check.

Beginning in January, Hagley will no longer mail members individual complimentary guest passes. The new Visitor Center ticketing system tracks your guest pass usage, so you no longer need to bring them with you. Anytime you visit, ask the Visitor Center ticketing staff how many guest passes you still have. Remember that children under six are always free at Hagley. Guest passes impact the tax deductibility of your membership, so if you have opted not to receive guest passes for a full tax deduction, the Visitor Center will show that you do not have any guest passes available.

If you have questions, please contact Kim Kelleher, membership manager, at (302) 658-2400, ext. 235, or kkelleher@hagley.org.

Hagley members no longer need a walking pass to walk at Hagley. Bring your membership card and check in at the Visitor Center.



FUN FACTS - INVENTION CONVENTION

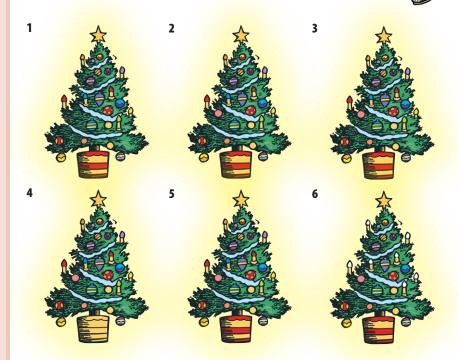
At **Invention Convention** on January 14, 15, and 16, you can learn about videography through engaging handson activities.

Some fascinating facts about video!

- The very first music video to appear on MTV was Video Killed the Radio Star by The Buggles.
- In 1956, video recorders were sold for \$50,000 and videotapes cost \$300 per one-hour reel.
- Gertie the Dinosaur, by Winsor McCay, was one of the first animated films. It was twelve minutes long and required 10,000 drawings.
- In 2015, YouTube viewers spent more than six billion hours watching videos.
- As of September 28, 2016, the most-viewed YouTube video was "Gangnam Style" by South Korean singer Psy with 2,651,160,353 views.
- Singer Justin Bieber was discovered by a talent manager in 2008 through his YouTube videos of himself covering other artists' songs.

FIND THE DIFFERENCES - "HOLIDAYS AT HAGLEY"

At "Holidays at Hagley" you can see the du Pont family home decorated for the holidays, including a Christmas tree with toys. Can you tell which two Christmas trees below are exactly alike?



ANSWERS: TREES THREE AND FIVE ARE ALIKE

SCIENCE SATURDAY TUNE INTO SCIENCE WORD SEARCH

At **Science Saturday** on December 10, you are invited to learn all about sound with some noisy hands-on activities, and create your own musical instrument to take home. Find the sound-related words in the grid of letters below.

WORD LIST	S	М	Α	Z	S	U	C	٧	S	G	D	N	Ε	Н	Υ	Ι	Ε	U	U	Υ	Υ	N	Z	N	0
ACOUSTICS	G	_		C																		В		S	_
AMBIENT	М	F	_									Ι	-									R	Ε	Z	Z
AMPLIFY	F	0	U	L	٧	U	C	C	N	Ζ	F	Т	Α	М	٧	Ι	Q	L	Т	G	Q	Т	Α	G	Н
BASS	Ζ	D	N	Т	L	C	S	L	Α	Α	K	Α	L	В	Z	Κ	P	R	N	Ι	Ť	0	D	Т	М
DISTORTION	L	Ι	М	Ι	Τ	Ε	R	Τ	L	Ι	Τ	R	Ι	D	Р	М	0	F	Ε	S	R	R	٧	F	K
EQUALIZER FFFDBACK	L	F	Q	Υ	Τ	Н	G	W	Ι	W	٧	Ε	Z	C	Α	Т	Ε	W	Ι	Q	M	Α	R	Q	M
FREQUENCY	S	S	U	G	F	0	C	G	В	C	K	В	Ε	В	S	J	L	L	В	В	Τ	Ε	L	Ι	0
GAIN	D	N	C	P	G	0	R	Τ	Α	Χ	S	R	R	Ι	Q	Α	Υ	Χ	М	J	Q	U	Χ	0	Υ
LIMITER	Κ	C	Α	В	D	Ε	Ε	F	Ι	Ι	K	Ε	D	R	N	W	L	Ι	Α	U	0	Ε	C	В	P
MICROPHONE	Υ	N	В	Υ	R	J	Ν	Τ	Ε	P	Ν	٧	В	Р	Н	J	Z	L	Ε	Υ	R	Z	P	K	В
MIXER	Υ	Α	0	Q	0	J	Q	Н	W	S	W	Ε	Υ	Α	C	Ε	Τ	Ν	S	Υ	G	В	D	P	R
MONITOR	W	٧	Q	0	W	Ι	K	D	Р	Υ	W	R	Ε	Ι	N	Z	C	R	S	٧	S	0	W	F	K
PHASE PITCH	В	Υ	P	S	Ε	Q	0	C	Ε	S	Α	Н	P	S	M	Υ	Χ	J	D	٧	K	R	В	Q	0
POLARITY	R	Т	W	C	S	Α	Α	В	Τ	F	U	W	В	0	G	Z	Ι	W	Υ	Ι	Ι	Ε	N	P	F
REVERBERATION	Υ	Ι	Z	Р	Ι	Τ	F	R	٧	D	R	Q	В	М	X	F	Τ	G	G	R	Н	F	W	W	D
SIGNAL	М	Ι	C	R	0	P	Н	0	N	Е	U	٧	Q	R	Т	٧	Q	G	P	N	X	R	Z	Т	G



Hagley is open daily, year-round, at 10 a.m. and closed Thanksgiving Day and Christmas Day.

The Belin House Organic Café is open daily 11 a.m. to 3 p.m.

For guided tours, research library hours, and event details, visit www.hagley.org.



Photo by Ashley Schroeder

A young visitor experiences nighteenth-century virtual reality with a stereoscope.

2016 Science Saturdays are sponsored in part by InterDigital; M&T Bank; and Mercer Health & Benefits, LLC.

INTERDIGITAL.



Connect with us!









Unless otherwise noted, activities listed below are included with admission and free for members and children five and under.

Walking Tours – visit www.hagley.org for schedule

Hagley offers weekend walking tours exploring gunpowder production, water power, geology, life in an industrial village, and Hagley's gardens. A new explosions tour tells remarkable stories of black powder explosions that occurred when Hagley was a gunpowder manufactory. Walking tours are included with admission, reservations requested at (302) 658-2400, ext.261.

Science Saturdays - visit www.hagley.org for schedule

Experiment and innovate with Hagley's series of science activities! Visitors use their creativity to make scientific discoveries.

November 11 - Friday - 10 a.m. to 5 p.m. Veterans' Day

Admission is free for military veterans. Admission is always free for current military personnel and their families.

November 11, 12, 13 – Museum Store Members Sale

For three days, Hagley members receive 20 percent off their purchases and free gift wrapping for purchases of \$25 or more. The Hagley Store is open from 10 a.m. to 4:30 p.m.

November 17 – Thursday – 7 p.m. Author Talk – Destructive Creation in World War II

In his talk, Dr. Mark R. Wilson of the University of North Carolina at Charlotte will offer a groundbreaking reinterpretation of the history of the giant U.S. military-industrial mobilization for World War II. Those planning to attend should contact Carol Lockman at clockman@ Hagley.org or (302) 658-2400, ext. 243. Held in the Soda House, use Hagley's Buck Road East entrance.

November 25, 26, & 27 – 10 a.m. to 4 p.m. Thanksgiving at Hagley

Sample historic holiday dishes, enjoy nineteenth-century crafts and parlor games, and dress up in period clothing for a picture-perfect memory. Included with admission, free for members.

November 25, 2016 – January 1, 2017 "Holidays at Hagley" Exhibition

The 1803 du Pont family ancestral home, Eleutherian Mills, will feature holiday decorations and interpretation on the French traditions of exchanging gifts on New Year's Day and the celebration of Twelfth Night. Dried flowers, greenery, fruits, and other natural materials create a beautiful holiday ambiance accentuated by soft lights and Christmas music. Closed December 25.

December 8 – Thursday – 6:30 p.m. Research Seminar – Amanda Casper

Attendees are encouraged to read Casper's paper, "New Business from Old Houses: Promoting Electricity through Home Alteration in Progressive Era Philadelphia," which may be obtained by contacting Carol Lockman at clockman@hagley.org. Held in the Library Copeland Room, use Hagley's Buck Road East entrance.

December 13, 14, 20, 21, 27, & 28 – 4:30 to 7 p.m. Twilight Tours

Enjoy a rare opportunity to see Eleutherian Mills, the first du Pont family home built in America, dressed for the holidays and illuminated with softly glowing lights. Includes music, activities, and light refreshments. Space on tours is limited and reservations are required. Call (302) 658-2400, ext. 261. Tours begin at 4:30 p.m. and depart every half hour until 7. Admission is \$10 for non-members and free for members

December 26-30 - Hagley's WOW Camp

Spend your winter break at Hagley with fun, interactive activities that will wow you. For children ages 7 to 10. Campers will participate in creative crafts and engaging experiments like building a catapult, baking cookies in a cast iron stove, and pedaling a bike-powered Fender Blender to make spin art or a smoothie. Each day features different activities. Camp is limited to 25 students per day. §60 per day for Hagley members, §75 per day for not-yet-members. For reservations, call (302) 658-2400, ext. 285.

January 14, 15, 16 – 10 a.m. to 4 p.m. Invention Convention

This year's Invention Convention invites visitors to explore the world of videography through engaging, hands-on activities. Adults ⁵8, Children 4-14 ⁵6, children under 4 and Haqley members free.

January 19 – Thursday – 6:30 p.m. Research Seminar – Amyrs Williams

Attendees are encouraged to read Williams's paper, "Reimagining the Modern Farm: Ecological Development and 4-H's New Deal for Agriculture," which may be obtained by contacting Carol Lockman at clockman@hagley.org. Held in the Library Copeland Room, use Hagley's Buck Road East entrance.

January 28 - Saturday - 6 p.m. Golden Pheasants Game Dinner

This five-course dinner will pair specialty game food with wine selected and described by Alain Blanchon. Members §150, not-yet members §185. Advance reservations only, contact Kim Kelleher at (302) 658-2400, ext. 235.

February 11 – Saturday – 11 a.m. to 4 p.m. Victorine's Valentine's Day

Celebrate Valentine's Day by decorating a candy bar wrapper, designing Valentine's Day cards, and nibbling on a fresh-baked gingerbread heart.

February 16 – Thursday – 6:30 p.m. Research Seminar – Tyler Anbinder

Attendees are encouraged to read Anbinder's paper "New York's Famine Irish Immigrants: Savings, Economic Mobility, and Networks" which may be obtained by contacting Carol Lockman at clockman@ hagley.org. Held in the Library Copeland Room, use Hagley's Buck Road East entrance.

March 16 – Thursday – 7 p.m. Author Talk – Industrial Design for Modern Life

In her talk, Dr. Danielle Shapiro will explore the life and career of John Vassos, a Greek émigré who rose from anonymity as an advertising artist to become one of the pioneering founders of the industrial design profession. Those planning to attend should contact Carol Lockman at clockman@Hagley.org or (302) 658-2400, ext. 243. Held in the Soda House, use Hagley's Buck Road East entrance.



Stories, Cranberries, & Ornaments

1) The Nutcracker

The Nutcracker and the Mouse King is well-loved by many as the inspiration for Tchaikovsky's famous ballet, performed as a Christmas spectacle the world over. The ballet was based on a French retelling of the story, and Hoffmann's German original is rarely translated in its entirety.

Published to celebrate the bicentenary of the tale's first publication in 1816, this volume brings together the complete, unabridged German classic in a new translation by the eminent translator Anthea Bell, with more than 70 breathtaking illustrations by the awardwinning artist Robert Ingpen.

Item #6503 - \$24.99

2) Cranberry Pin

This holiday pin by Michael Michaud for Silver Seasons provides a charming accent to any ensemble. Hand-patinated bronze with cranberry freshwater pearl. This item is handmade in the United States.

Item #49028 - \$104.00

3) Child on Snowball Ornament

This wonderful detailed reproduction of a vintage ornament will make a beautiful gift or a lovely adornment for your Christmas tree. Hand painted, printed paper and glitter.

Item #66340 - \$19.50

Hagley Store Information

Hagley members receive a 10 percent discount at the Hagley Store. Open daily at 10 a.m. Closes thirty minutes after museum closing time. (302) 658-2400, ext. 274



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