

Spring 2017 - Vol. 46 No. 1



SAVE THE DATE

Spark Cart Extravaganza March 25

Photography Walk April 6

Maker Fest April 29





From The Executive Director

Executive Director David Cole

Cover: A glass blower demonstrates his craft at Hagley.

Back: Wisteria near the back of the barn on Hagley's upper property.

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In a recent conversation with a friend, I mentioned casually that Hagley has been planning to participate in the burgeoning Maker movement by launching its inaugural Maker Fest in the spring of 2017. This friend, who is always quick to observe that there is

really nothing new under the sun, was intrigued but also slightly dismissive. "Can you really call something a 'movement'," he said, "when it's been going on since prehistory?"

He has a point: people
have been crafting new
things, and tinkering with old
ones, since the emergence of our imaginative,
manipulative, resourceful species. That
"making," the wonderful process of ideation
and fabrication, is a fundamental part of the
human experience seems obvious. But in a
modern culture that aggressively encourages
the consumption of products, made by people
and in places that we rarely see, it's easy to
forget that we have enormous potential to
fashion things ourselves.

Fortunately, growing legions of Makers, and their enthusiastic promoters, have emerged in recent years to remind us of the value—and the pleasures—of creating

with our own hands and tools. From the emergence of *Make: Magazine* in 2005, to the development of Maker Faires, MIT's Fab Labs, and countless Maker spaces in schools, libraries, and community centers, Making's moment has finally arrived.

What better place to celebrate do-it-yourselfing than Hagley?

And what better place to celebrate this renewed attention to do-it-yourselfing than Hagley? As the following piece suggests, our Maker Fest will be the mid-Atlantic's most entertaining and inspiring platform for the inventors, craftspeople, and entrepreneurs among us. But it will present this showcase of "what's new" against the backdrop of Hagley's signature exhibitions of mill races, machine shops, and restored technologies from a time gone by. Innovation past, innovation present—we invite you to join us on April 29 and reconnect with the Maker in you.

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

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















Invigorate the Maker in Everyone

Hagley Museum and Library is celebrating the regional Maker community by hosting a Maker Fest on April 29. This inaugural event held at the Hagley Soda House will bring together Makers of all kinds who tell a story, who do something differently, and who are passionate about their crafts and want to share their inspiration with the public.

You probably know a Maker. They are tech enthusiasts, crafters, metalworkers, brewers, woodworkers, tinkerers, hobbyists, engineers, authors, artists, educators, students and entrepreneurs. They rejoice in creating gadgets as well as tinkering with existing ones.

The Maker spirit is found at the intersection of "do it yourself" and "hacker" cultures. Makers like to open up the boundaries of traditionally separate domains such as metalworking or computer programming to create new ways of "making." Maker culture emphasizes learning-throughdoing in a social environment that is informal and fun.

This will be a day to become inspired! Hagley's Maker Fest will provide the opportunity to connect with these inventive folks and their projects through demonstrations, tastings, and hands-on activities. Strike up a conversation with a likeminded Maker, or just enjoy the atmosphere of invention and inspiration.

Why Hagley? Hagley's 235-acre historic site is a Historic Mechanical Engineering Landmark and boasts one of the nineteenth century's most practical Maker spaces—the museum's restored Machine Shop.

The Maker movement and Hagley's core values both celebrate past innovation and nurture the innovative spirit. The museum will be open on April 29 and Maker Fest attendees are encouraged to visit the museum before or after the event.

Hagley's Maker Fest

Saturday, April 29 10 a.m. to 5 p.m.

Hagley Soda House Use Buck Road East entrance

\$10 for adults

55 for members and youth 6-18 Free for children under 6

A Maker demonstrates his hobby for Hagley visitors.



Hagley After Hours: A Night at the Movies

Mean Girls Thursday, February 9

*The Matrix*Thursday, February 23

Doors open 6:30 p.m. Film starts 7 p.m.

⁵2 per person

Cash bar available

Hagley Soda House Use Buck Road East entrance

Dogfish Head Craft Brewed Ales will be available for purchase.



A Night at the Movies

Join the Plastics or question your own reality during Hagley's winter movie series, "Hagley After Hours: A Night at the Movies," in February. The series will include cult classic, *Mean Girls*, on February 9, and alternative reality flick *The Matrix*, on February 23.

Mean Girls is a 2004 comedy written by Tina Fey. The film is based in part on Rosalind Wiseman's non-fiction self-help book Queen Bees and Wannabes, describing female high school social cliques and the damaging effects they can have on girls.

The Matrix is a 1999 science fiction film depicting a dystopian future in which reality as perceived by most humans is actually a simulated reality called the "Matrix," created by machines to control the human population, while their bodies' heat and electrical activity are used as an energy source.

"Hagley After Hours: A Night at the Movies" will feature themed cocktails and snacks available for purchase. Guests are also invited to embrace each movie's theme to receive a free goodie; wear pink to the *Mean Girls* showing and wear your favorite sci-fi shirt or accessory to *The Matrix*.

The movies will be shown on the large screen in Hagley's Soda House auditorium. Shortly before each feature film is shown there will be a special showing of a short film from Hagley's collection.

Doors will open at 6:30 p.m. with the feature film starting at 7 p.m. Admission for movie nights is \$2 per person. A beer and wine cash bar will be available. Dogfish Head Craft Brewed Ales will be available for purchase. This event is weather-dependent; please check www.hagley.org for updates in the event of inclement weather.



Spring Author Talk Series

Two creative writers will come to Hagley this spring to speak in its popular Author Talk Series at the Hagley Soda House.

On March 16, Dr. Danielle Shapiro's talk, "Industrial Design for Modern Life," will explore the life and career of John Vassos, a Greek immigrant who was one of the founders of industrial design. As the Radio Corporation of America's (RCA) leading designer, he became one of the most influential industrial designers of the twentieth century. Her 2016 biography of Vassos, on sale at the event, is replete with rich behind-the-product stories of America's design culture in the 1930s through the 1950s, and it also chronicles the emergence of what was once the nation's largest media company.

On May 4, former *New York Times* and *Wall Street Journal* journalist Mary Pilon will talk about her book, *The Monopolists: Obsession, Fury, and the Scandal Behind the*

World's Favorite Board Game. She will recount the unknown story of how Monopoly came into existence, its reinvention by Parker Brothers, the game's lost female originator, and one man's lifelong quest to reveal its true origins. Pilon's tale follows Ralph Anspach, who traced the game's roots to Lizzie Magie, and Anspach's long trademark fight with Parker Brothers that reached all the way to the U.S. Supreme Court.

Each author's book will be available for purchase at their talk. These free author talks begin at 7 p.m. 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.

Author Talks

March 16 - 7 p.m. Dr. Danielle Shapiro "Industrial Design for Modern Life"

May 4 - 7 p.m. Mary Pilon

"The Monopolists: Obsession, Fury, and the Scandal Behind the World's Favorite Board Game"

Free admission

Hagley Soda House Use Buck Road East entrance

Attendees should contact Carol Lockman at clockman@hagley. org or (302) 658-2400, ext. 243.

Danielle Shapiro (left) and Mary Pilon will present Author Talks at Hagley.



Hagley Thanks Its 2017 Corporate Partners

Hagley preserves and shares the stories of American enterprise.

Corporate Partners help Hagley use these stories to inspire innovation and educate tomorrow's entrepreneurs.



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Fireworks at Hagley presented by M&T Bank and Wilmington Trust

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Sunday School Celebrates Bicentennial

The history of the Brandywine Manufacturers' Sunday School dates to 1813, when classes were first taught in private homes. After several years without a permanent home, DuPont Company founder E. I. du Pont financially supported the construction of a school building on his property, and the school opened in 1817.

Join us on May 13 for nineteenth-century games, quill pen writing, and lemonade and ice cream to celebrate!

The Sunday School was a nonsectarian school offering classes in reading, writing, arithmetic, and Bible lessons. The students, both male and female, were workers or the children of workers in the local manufactories along the Brandywine. E. I. du Pont's daughters, Victorine du Pont Bauduy, Eleuthera du Pont Smith, and Sophie M. Du Pont, were teachers at the school, as were

other du Pont family members and friends. In its heyday the school had 150 students, many of whom returned as teachers.

Although the Sunday School was non-sectarian, school officials allowed local residents to use the building as a sanctuary during the 1840s. Because Roman Catholics, Methodists, Episcopalians, and Presbyterians held services at the Sunday School until they constructed church buildings of their own, the congregations of Saint Joseph, Mount Salem, Christ Church, and Green Hill trace their roots to those services.

Today approximately 8,500 schoolchildren visit yearly on field trips. Visitors today learn how nineteenth-century children practiced their penmanship with quill pens, did sums on slates, studied history and geography, and also had fun with races and tug-of-war games.

School Days Celebration

Saturday, May 13 • Noon to 5 p.m. Dogfish Head Craft Brewed Ales will be available for purchase and the Belin House Organic Café will be open.



Left: Visitors learn how to write with a quill pen, one of the activities that local visitors often remember from their school field trip to Hagley.

Right: A current student field trip.

Bottom: The Brandywine Manufacturers' Sunday School.









Photos by Ashley Schroeder

SparkCart Extravaganza

Saturday, March 25 • 1 to 4 p.m. Included with admission

Science Saturdays

Saturdays, February 18 & 25, March 11 & 25, April 8, and throughout the year

1 to 4 p.m. • Visitors may drop in at any time during activity hours Included with admission

SparkCart and Science Saturdays

Extravaganza Showcases SparkCart

If you've been to Hagley this past year on a program day, such as Science Saturdays, hayrides, or the summer theme days, you may have visited our SparkCart, a mobile activity cart run by teen volunteers. Visit Hagley on March 25 for the SparkCart Extravaganza that will feature all six activity kits: Water Power, Inspired by Nature, Telegraph, Pulleys, Innovations in Textiles, and Transmission of Power.

The newest SparkCart kit, designed by teens in Hagley's Youth Leadership Program, will debut at the extravaganza. It explores the changing landscape of Hagley. See if you can spot the differences between the powder yards of the nineteenth century and today.

The SparkCart Extravaganza takes place from 1 to 4 p.m. and is included with admission.

Science Saturdays

Science Saturdays are family-oriented events offered twice a month. At each event, visitors are introduced to a STEMrelated concept through simple, experiential demonstrations and then challenged to apply the concept to solve a problem.

"Float Your Boat" on February 18 explores density and buoyancy. Can your boat float?

"Pump It Up" on February 25 gives visitors the opportunity to build a hydraulic arm.

"The Chain Gang" on March 11 introduces the wide world of polymers.

"Egg Newtons" on March 25 will explore the laws of motion while challenging visitors to design a vehicle to protect an egg in a collision.

"Soaring Satellites" on April 8 explores the forces of flight.



Sarnoff Library Collection Opens

When the David Sarnoff Library in Princeton closed in 2009, it donated nearly 3,000 linear feet of archival material and publications to the Hagley Library. Most of the archival collection consists of research records, papers of individual scientists, photographs, and audiovisual material that document the pioneering research and development conducted at the David Sarnoff Research Center and other Radio Corporation of America (RCA) facilities from the early days of RCA to the research center's operations under SRI International from the 1980s into the twenty-first century. In adding these documents to its other RCA content, Hagley has the most comprehensive collections documenting a major American technology company available anywhere.

The David Sarnoff Library collection also includes the original David Sarnoff Collection, assembled by Sarnoff and his staff to document

his remarkable career, which included leading RCA for nearly forty years. This formed the core of the David Sarnoff Library when it opened at the David Sarnoff Research Center in 1967. Another major strength of the collection is the extensive advertising, promotional literature, and technical manuals for RCA products from the Radiola of the early 1920s to the VideoDisc in the 1980s.

Thanks to a generous three-year grant from the Council on Library and Information Resources that began in 2014, Hagley was able to fully process the David Sarnoff Library collection in time for the seventy-fifth anniversary of the research center and the fiftieth anniversary of the David Sarnoff Library in 2017. Twenty detailed finding aids are available online, along with tens of thousands of individually cataloged reports and publications in the library catalog.

Left: Radio Corporation of America advertisement in the Saturday Evening Post, December 10, 1938

Right: Detail from the cover of Radiations, the news magazine of the RCA Laboratories, January-February 1960

Bottom: Detail from Victor Talking Machine Company advertisement, 1921





Photos by Gene Castellano

Left: A few of the artifacts and library materials from the Litchfield Collection on the History of Salt

Bottom: Button giveaways celebrating the Litchfield collection

Right: Lynsey Sczechowicz and Talia Coutin representing Hagley at Archives Month Philly

Celebrating Salt, With Buttons

At the capstone event of Archives Month Philly, where representatives from twenty regional archives and libraries gathered to celebrate food and culinary history, Hagley showcased artifacts and library materials from the Litchfield Collection on the History of Salt. More than 200 visitors attended the event, many of whom had never heard about Hagley prior to stopping by.

Amid cooking demos, tastings, and games, Hagley Library staff engaged visitors with Hagley's interesting collection on salt-related ephemera by pairing a pop-up exhibition with a fun activity—making button pins with graphic images selected from the salt collection.

Morton Salt Company celluloid buttons from the 1930s, on display as part of the temporary exhibition, inspired the buttonmaking press. Visitors could choose from more than twenty-four graphic designs, including a turn-of-the-century French postcard featuring traditional methods of salt production through solar evaporation, dancing vegetables from the cover of a 1930s' Worcester Salt Company cookbook, or different versions of the Morton Salt Umbrella Girl. The activity allowed visitors to connect with Hagley in a meaningful and tangible way by making, and taking home, part of the collection.

More than half of the Litchfield Collection on the History of Salt has been processed and is available to researchers; the remainder will be ready this spring. And if you want to experience the joy of button-making, check www.hagley.org for future Hagley events featuring the button-making press.



Library Hires Oral Historian

Amrys O. Williams has joined the library staff as its oral historian and associate director of the Center for the History of Business, Technology, and Society. She started January 3.

She comes from Middletown, Connecticut, where she had been teaching at Wesleyan University. Williams earned her undergraduate degree in brain and cognitive science at the Massachusetts Institute of Technology before training as a historian of science at the University of Wisconsin at Madison.

At Hagley, Williams will help Center
Director Roger Horowitz organize the
academic and public programming of the
library, support Hagley's work as the home of
the Business History Conference, and organize
Hagley's oral history efforts. Hagley expects
oral history will be an increasingly important
method of documenting the history of
enterprise and innovation.

Besides teaching American history and the history of science, the environment, and agriculture at Wesleyan, she helped the university's Van Vleck Observatory celebrate its 2016 centennial. She raised funds to create a program that collected stories from the public about their experiences as well as interviews with former staff members describing work with the instruments of their era. As curator and project director of "Under Connecticut Skies," she also managed an assessment of all historical objects, equipment, and documents in the collection, digitized selections of documents, and initiated planning for the preservation of these materials. She also organized the exhibition that accompanied the centennial celebrations.

Amrys O. Williams at the Van Vleck Observatory in Middletown, Connecticut

Photo by Tony Bacewicz, courtesy of The Hartford Courant



Photo by Ashley Schroeder

Handwork Group Donations

For more information about donating to the Hagley Handwork Group, contact Angela Williamson at awilliamson@hagley.org or (302) 658-2400, ext. 257.

For more information on monetary contributions, contact Andrew Engel at aengel@hagley.org or (302) 658-2400, ext. 329.

Handwork Group Helps Students

The Volunteer Hagley Handwork Group had a record-breaking year in 2016 by making items that resulted in ⁵4,751.50 in donations to the Hagley Scholarship Fund. This allowed more than 700 students to start making memories at Hagley, representing a substantial portion of the scholarships awarded each year.

The group creates items from donated materials, sells them at the Hagley Craft Fair and other events, and gives the revenue to the Hagley Scholarship Fund. The fund provides admission assistance to eligible students in the Delaware Valley.

The twenty-person group knits, crochets, cross stitches, makes lace, quills (rolling paper into designs), sews, creates paper crafts (origami boxes, gift tags, note cards, doll accessories, etc.), and rehabs vintage lace and linens into items for other uses.

They make Creek Fairies, aprons, purses, scarves, children's sweaters and blankets, American Girl Doll clothes and accessories, quilled greeting cards, and so much more.

You can help by:

- Donating half-finished projects, fabrics, yarn, vintage linens, and similar items at the Visitor Center. The group especially needs denim, large pieces of cotton fabric, knitting yarn, and clear 58-quart storage containers.
- Buying crafted items at events throughout the year, including the Maker Fest on April 29, Fireworks on June 16 and 23, the Craft Fair on October 14 and 15, and the Friday after Thanksgiving.
- Giving a monetary donation to the scholarship fund at one of these events.

Thank you for your support!

FUN FACTS - POLYMERS!

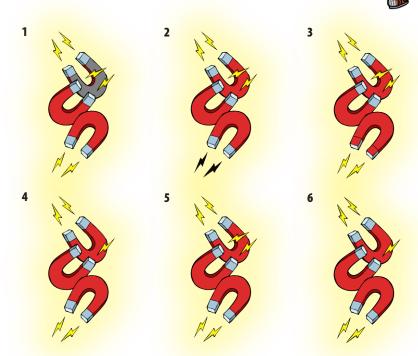
At **Science Saturday: The Chain Gang** on March 11, you can learn about polymers and how we use molecular chains in our everyday lives.

Some fascinating facts about polymers:

- A polymer is a molecule, made from joining together many small molecules called monomers.
- The word "polymer" can be broken down into "poly" (meaning "many" in Greek) and "mer" (meaning "unit").
- Polymers are synthesized naturally and artificially to perform a wide variety of specialized tasks.
- Leo Baekeland announced in 1907 the synthesis of the first truly synthetic polymeric material, later dubbed "Bakelite."
- Nylon is a polymer developed in the early 1930s by Wallace Carothers and his team of chemists at DuPont as a synthetic alternative to silk.
- Polystyrene is a polymer used to make loosefill packaging "peanuts," shape-molded packaging, and disposable utensils.

FIND THE DIFFERENCES - MAGNETIC ATTRACTION

At **Science Saturday: Magnetic Attraction** on April 22, you can build a magnet toy and tinker with magnetic force! Can you tell which two groups of magnets below are exactly alike?





WORD SEARCH - HAGLEY'S MAKER FEST

Hagley's Maker Fest on April 29 will provide the opportunity for Hagley visitors to connect with these inventive folks and their projects through demonstrations, tastings, and hands-on activities. Find the Maker-related words in the grid of letters below.

WORD LIST	W	Υ	Α	U	F	F	K	R	S	0	C	G	Ν	L	D	N	R	Ε	٧	Α	P	Χ	R	Н	R
ARTISAN	F	G	R	Ι	W	R	P	Ε	0	M	C	Α	J	Α	0	M	N	E	Y	C	Q	٧	R	D	S
CALLIGRAPHY	W	0	0	D	W	0	R	K	Ι	N	G	D	L	Ι	S	G	X	В	F	L	J	Τ	L	C	G
ELECTRONICS	٧	L	В	Υ	G	Z	0	C	P	G	U	Χ	Τ	L	Ι	Ι	Н	Υ	P	K	J	C	Ι	F	Р
ENGINEERING	N	0	0	Ι	М	L	G	Α	R	N	M	Α	K	N	Ι	R	Τ	P	C	Q	Н	N	W	R	E
FABRICATION	D	N	Т	S	В	J	R	Н	L	L	٧	N	E	G	J	G	U	R	L	Q	0	Υ	Ι	R	Ε
FILM	0	Н	Ι	D	N	S	Α	В	Ι	0	J	Ε	0	N	٧	Z	R	Т	Α	R	W	N	S	J	W
INNOVATION	C	C	C	Т	Q	J	M	F	Ν	C	R	Н	D	Ι	J	R	D	Α	Т	K	Т	U	D	Υ	Q
MATHEMATICS	Ε	Е	S	U	Q	٧	M	Ν	Z	Ι	Ν	L	P	K	Т	W	U	C	P	Ι	N	K	В	Α	N
METALWORKING	Ι	T	U	Y	A	N	Ι	K	N	0	٧	Ι	Q	R	G	Α	Ε	Υ	N	Н	M	U	Н	S	Χ
PRINTING	P	S	Z	Τ	F	N	N	G	٧	R	Н	Α	Ι	0	0	L	C	G	Н	M	Υ	P	P	Α	Е
PROGRAMMING	J	E	Z	J	M	P	G	L	В	0	F	Ε	K	W	E	T	T	Ι	N	K	E	R	Ι	N	G
PROTOTYPE	F	G	S	C	Ι	Т	Α	M	E	Н	T	Α	M	L	F	T	0	Z	R	F	C	G	K	Ι	٧
ROBOTICS	Ε	C	N	Ε	Ι	C	S	Ι	Р	L	0	C	S	Α	E	J	Χ	T	Χ	В	D	F	K	L	0
TECHNOLOGY	F	٧	C	C	F	G	W	Υ	L	L	Τ	C	R	Τ	U	Υ	В	Ι	Υ	L	Α	G	N	D	W
TINKERING	S	L	٧	L	J	P	D	L	R	W	D	J	Р	Ε	G	Q	Ε	M	W	Р	C	F	D	W	I
WOODWORKING	N	U	L	G	U	Α	٧	Ε	Ε	R	٧	P	Α	М	D	N	F	Χ	J	М	Е	S	Т	В	W



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.



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, Hagley's gardens, and explosions. 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.

February 9 - Thursday - 6:30 p.m., movie starts 7 p.m. Hagley After Hours: A Night at the Movies

Tonight's movie is the cult classic *Mean Girls*. Admission is ⁵2 per person. Cash bar available. Hagley Soda House, use Buck Road East entrance. Event is weather-dependent; check www.hagley.org.

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.

February 23 – Thursday – 6:30 p.m., movie starts 7 p.m. Hagley After Hours: A Night at the Movies

Tonight's movie is another cult classic, *The Matrix*. Admission is ⁵2 per person. Cash bar available. Hagley Soda House, use Buck Road East entrance. Event is weather-dependent; check www.hagley.org.

February 26 – Sunday – Noon to 3 p.m. Hagley Wedding Showcase

Visit the Soda House, taste delicious hors d'oeuvres from Toscana Catering, meet fantastic local vendors, and win fabulous door prizes. Admission is free, registration required, visit www.hagley.org

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, one of the pioneering founders of the industrial design profession. Attendees 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.

March 25 – Saturday– 1 to 4 p.m. SparkCart Extravaganza

Experience all six of Hagley's mobile activities at once. The newest SparkCart kit, designed by teens in Hagley's Youth Leadership Program, will debut at the extravaganza.

April 20 — Thursday — 6:30 p.m. Research Seminar — Jenifer Van Vleck

Attendees are encouraged to read Van Vleck's paper "Building the World: Morrison-Knudsen and the Business of Modernization," 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.

April 29 – Saturday – 10 a.m. to 5 p.m. Hagley's Maker Fest

This first-time event inspires innovation and invigorates the Maker spirit in everyone. Visitors celebrate and foster our regional community of Makers as they demonstrate and share their creations. Use Hagley's Buck Road entrance. §10 for adults • §5 for Hagley members and youth 6-18 • Free for children under 6.

May 4 - Thursday - 7 p.m. Author Talk - The Monopolists

In her talk, Mary Pilon will recount the unknown story of how Monopoly came into existence, its reinvention by Parker Brothers, the game's lost female originator, and one man's lifelong quest to reveal its true origins. Attendees 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.

May 13 - Saturday - Noon to 5 p.m. School Days Celebration

Join us for nineteenth-century games, quill pen writing, and lemonade and ice cream to celebrate the 200th anniversary of the Sunday School. Dogfish Head beer will be available for purchase and the Belin House Organic Café will be open.

May 18 – Thursday – 6:30 p.m. Research Seminar – Jeannette Estruth

Attendees are encouraged to read Estruth's paper "Silicon Valley Conservation: Redefining Environmental and Labor Politics, 1970-1995," 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.

Fireworks at Hagley

M&T Bank and Wilmington Trust presents Fireworks at Hagley—a time of celebration to kick off summer and enjoy spectacular pyrotechnics. Mark your calendars for Friday, June 16 and 23, for Hagley's annual event.

Fireworks at Hagley continues to be our members' favorite event. Every guest has the best seat in the house as fireworks are launched just hundreds of feet away, filling the sky.

Hagley's fireworks is a members-only event. Invitations will be mailed in April. If you're not a Hagley member, don't miss out! Sign up at www.hagley.org.

Photo by Jackie Kane Photography



Photos by Rebecca Slinger

For Stitchers, Makers, & Writers

The Cross-Stitch Garden: Over 70 Cross-stitch Motifs and 20 Stunning Projects by Kazuko Aoki

Inspired by her love of wildflowers, Kazuko Aoki presents more than twenty projects and more than seventy individual cross-stitch motifs. There are designs for all kinds of flowers, including violas, pansies, poppies, and roses. Aoki's projects will teach you how to use these motifs to create beautiful bags, pincushions, pillows, coasters, aprons, tea towels, and more.

There are helpful charts for all the motifs and each project includes step-by-step diagrams, making the designs suitable for embroiderers of all levels.

Item #6249 - \$24.95

2) Smithsonian Maker Lab: 20 Super Cool Projects

Build, Invent, Create, Discover. Maker Lab shows you how to create an erupting volcano, a sturdy bridge, balloon cars, a density tower, a soap-powered boat, and more. Impress your friends and family members, put together an amazing school project, or simply make something incredible because you love science.

Item #6291 - \$19.99

Bortoletti Quill Pen with Extra Nib and **Black Writing Ink**

This exclusive quill pen is entirely handmade in Italy using traditional techniques by Venetian artisans. Comes in a handsome gift box.

Item #17205 - \$62.00

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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