

The Graystone Society and
The National Iron & Steel Heritage Museum in
The Lukens National Historic District
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Boilerplate



Spring 2010

The Graystone Society brings you the newsletter of the National Iron & Steel Heritage Museum in the Lukens National Historic District.

Programs

Upcoming Events in the Lukens National Historic District

- May 6, 5:30 to 7:30 pm — Free Event**
Spring Lecture #1: Rich Smith from ArcelorMittal
200 Years of Rolling on the Brandywine
- May 21, 10:30 am to 3:00 pm — Free Event**
Volunteer Day: Collections Management
- June 3, 5:30 to 7:30 pm — Free Event**
Spring Lecture #2: Paul Paskoff, LSU
Trade Associations, Tariffs & Technology
and the American Iron and Steel Industry
- June 26, 6 to 10 pm — Cost \$50**
Bicentennial Commemoration:
Marker Dedication, Exhibits, Refreshments
- July 2, 10 to 11 am — Free Event**
Bicentennial Event:
200th Anniversary Event, Tree Planting
- July 10 — Free Event**
July 10, 1 pm to 9:30 pm
The City of Coatesville & Rotary Club of Coatesville Present
Celebrate Coatesville –
Children's Fun Zone, Entertainment, Food & Fireworks
- September 11, 8:15 - 11:15 am — Free Event**
World Trade Center Commemoration
- September 22, 6:30 pm — Free Event**
Slide show by Eugene L. DiOrio:
Cruising the Mediterranean
- October 7, 5:30 to 7:30 pm — Free Event**
Fall Lecture #1: To be Determined
- October 20, 8 am to 3pm — Free Event**
Field trip to Cornwall Furnace State Historical Site
- November 4, 5:30 to 7:30 pm — Free Event**
Fall Lecture #2: To be Determined
- November 19, 10:30 am to 3:00 pm — Free Event**
Volunteer Day: Collections Management
- December 11, 4 to 7 pm — Free Event**
Santa, Holiday Tours and Food Drive

Upcoming Events continued from page 1

Events

Spring Lecture Series

We begin the 2010 lecture series with a presentation by Rich Smith from ArcelorMittal entitled *200 Years of Rolling on the Brandywine* on Thursday, May 6. Our second Spring lecture will take place on Thursday, June 3, and features Paul Paskoff of Louisiana State University, who will speak on the subject *Trade Associations, Tariffs & Technology and the American Iron and Steel Industry*. All lectures start at 5:30 pm and are free to the public.

Ice Cream Festival

On July 10 the City of Coatesville & Rotary Club of Coatesville Present Celebrate Coatesville, which will feature a Children's Fun Zone, Entertainment, Food & Fireworks. The Rotary and the City are working together this year to meld these two events into a more seamless all-day event: Better than ever!

There are many events planned for late summer and autumn 2010, including lectures, field trips, and more.



The Ice Cream Festival is a family-friendly event.
(Photo: Bob Williams)

World Trade Center Trees Return to Coatesville

We all remember the terrible events that unfolded on September 11, 2001. Terrorists using commercial airliners attacked the World Trade Center in New York and the Pentagon in Washington, and a third plane crashed in Shanksville, PA. There is an iconic photo of the World Trade Center following the terrorist attack on 9/11 showing part of the steel superstructure still standing. Those steel "trees" were made here in Coatesville by Lukens Steel, and on April 14 a convoy of trucks brought back twelve of these trees to their place of origin.



Members of the Downtown Fire Department stand at attention as the trucks rolled into the Historic District
(Photo: Bob Williams)

Ever since the rescue operation at Ground Zero became a salvage operation, The Graystone Society has been working quietly to bring some of these huge

objects back to Coatesville to become part of the National Iron and Steel Heritage Museum. They are a part of our recent national history, but also an important part of our local history, and as they were made here it is completely appropriate that they return to where they were born.

For more photos and the full story of the World Trade Center trees please see the insert in this Newsletter.

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Be a part of the Graystone Society!

It's easy — go to www.lukensnhd.org and click on the **Donate, Join** or **Sponsorship** tabs or call today 610-384-9282. *Now Donate using PayPal!*

We can't do it without you!

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Events

Bicentennial Events in the Historic District

Bicentennial Events

Our Bicentennial celebration starts on June 26 with a Marker Dedication. There will be exhibits and refreshments will be available. On July 2 we mark the actual 200th Anniversary date with a Tree Planting ceremony. Also there will be a ceremony to commemorate the tragic events of September 11, 2001 on the anniversary date. For details please refer to the Calendar of Events at left or go to www.lukensnhd.org and click on the Events button.



The Lukens Band performing.
(Photo: Bob Williams)

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Lukens — 1854 to 1890 Part Two History Corner

The company that grew to become Lukens Steel Corporation entered a new era in 1854 with the passing of Rebecca Lukens. She had guided the company with her strong will and Quaker values through tough times, but now it was time for a new generation.

Rebecca willed ownership of the company to her two daughters, Isabella and Martha. The company was managed by their husbands: Abram Gibbons (married to Martha) and Dr. Charles Huston (married to Isabella).



Abram Gibbon
(Photo: Graystone Collections)

It wasn't long before Gibbons left the business in 1857 to take up a career in banking, co-founding The Bank of Chester Valley, and selling their share of the mill to Isabella and Dr. Charles Huston.



Dr. Charles Huston
(Photo: Graystone Collections)

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President's Message
An Exciting 200th Anniversary

The Graystone Society is honored to be a part of the commemoration of the events of September 11, 2001. Bringing the World Trade Center Trees to Coatesville has been a tremendous effort, but one which we are proud to have undertaken.



Scott G. Huston
 (Photo: Graystone Collections)

It is fitting that these trees have returned to here to where they were made this year, the 200th Anniversary of Iron and Steel in Coatesville.

The Memorial will honor the First Responders, victims and survivors of that watershed day in history. We now need to build a team of dedicated individuals to create a World Trade Center Memorial here in Coatesville around these incredible artifacts. Please look for updates on our website asking for your participation. I hope you will join us and help work toward this worthy goal.

The World Trade Center trees is just one of the many events planned for this year. Please come celebrate with us in 2010!

Book Nook

Aftermath
 By Joel Meyerowitz



This extraordinary archive of pictures is the only existing photographic record of Ground Zero after the attacks on the World Trade Center on September 11th 2001. Fenced and classified as a crime scene, the area was closed to all photographers, and only scant information was available about the activities in the guarded enclosure that became known as "the forbidden city." Through sheer persistence involving almost daily acts of resourcefulness and defiance, Joel Meyerowitz became the sole photographer to have continued access to the site and describe its transformation over the next nine months from a place of total devastation to cleared bedrock.

Published to coincide with the fifth anniversary of the World Trade attacks, this book serves not only as an elegy to the thousands who lost their lives, but also celebrates the tireless effort and bravery of the thousands of police officers, fire fighters, construction workers, engineers, and volunteers who assisted in the clean-up process.

Presented on a monumental scale, these images of physical ruin and emotional strength interspersed with personal reminiscences and stories of those working at the site place on record the moments of courage, compassion, and solidarity that occurred there.

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Development
Continued Support for Our Mission

New items are being added to the selection available at the Graystone Society Store this summer. Items commemorating the 200th Anniversary of Iron and Steel in Coatesville will include mugs, hats, and many others never before available. When you visit the Historic District this summer, make sure to stop in the store for videos, books and other memorabilia.

Membership — Join Today!

The 2010 Graystone Society Membership Drive is now underway. Among the many membership benefits are unlimited free admission to the Museum grounds and buildings; invitations to special activities, free or discounted admission to events, and the Newsletter, activities calendar and Annual Report.

It's easy to join, just go to www.lukensnhd.org and click on the Membership button to download a form, or stop in the Historic District to pick one up. You can also now donate using PayPal at lukensnhd.org.



Volunteer Day 2010

On May 21 we will be hosting our first Volunteer Day for 2010. Some volunteers will be working on Collections Management and record keeping, while others will be doing basic landscaping around the Brandywine Mansion property. We will also hold a dedication ceremony for the Eagle Scout project greenhouse built by Vince Smith of Berwyn. If you would like to volunteer call 610-384-9282 or email admin@lukensnhd.org.

140 Mill Model

The Graystone Society recently acquired a working Mill Model donated by Covenant Technologies Corporation. The model, which was located in Johnstown, PA, was originally used by Lukens Steel to physically test how plate steel behaves during the rolling process. Tests are now done by computer modeling.

The mill model will become the centerpiece of an exhibit of the science of steel making which will include many scientific instruments obtained from GO Carlson.

Photo Digitalization

West Chester University students will be working this summer to organize our photo collection and select photos to be digitized.



Fran Ciarrocchi & Ted Gallagher, who transported the mill back.
 (Photo: Sam Radziviluk)

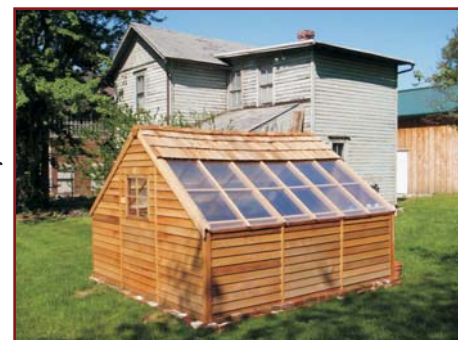


Lukens employee grinding a pressed head.
 (Photo: Graystone Collections)

Property
Various Projects Continue in the Historic District in 2010

Terracina. The landscape around Terracina is be regraded. City Construction, returning it to historic grade.

Greenhouse. The greenhouse being constructed on the grounds between Terracina and the Tenant House has been completed. The greenhouse was an Eagle Scout project of Boy Scout Vince Smith of Berwyn. It will be dedicated during Volunteer Day, May 21.



The new greenhouse. (Photo: Sam Radziviluk)

Gazebo. This coming summer will see the construction of a gazebo in the Historic District. Construction of the gazebo is also an Eagle Scout project, this time by Joel Baldwin of Coatesville Troop 16.

Interested in the Flight 93 National Memorial, Shanksville, PA

On the morning of September 11, 2001, four commercial airliners were hijacked and used to strike targets on the ground. Passengers and crew members of Flight 93, on learning of the attacks on the World Trade Center and the Pentagon by the first three planes, mounted an assault against the hijackers to gain control of the aircraft. Because of their actions the attack, presumed to be on the White House or US Capitol, was averted. The plane crashed, killing all on board, in a field near Shanksville in Somerset County in southwest Pennsylvania.

A temporary memorial at the crash site was formed from spontaneous tributes left by visitors in the days after the attacks. The temporary memorial is maintained by the National Park Service and is staffed by park rangers and volunteers.

A national design competition was subsequently held to create a permanent memorial to mark the place where Flight 93 crashed. Preliminary work has begun on the permanent memorial which is being built through a public-private partnership. Major work is scheduled to start in May of this year, with the goal of completion by the tenth anniversary on September 11, 2011.

The site near Shanksville is administered by the National Park Service. For more information visit their website at www.nps.gov/flni/index.htm.

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Events
Fourth Annual Rebecca Lukens Award

A crowd of over 120 gathered at the Lukens Executive Office Building on March 18, 2010, to honor Gladys Flamer, recipient of the Fourth Annual Rebecca Lukens Award.

Dr. Tonya Thames Taylor, who nominated Mrs. Flamer for the award, gave began the presentation with inspiring keynote address. Among the other dignitaries in attendance was Ted Reed, Acting City Manager of Coatesville, and State Representative Tim Hennessey who spoke eloquently of Mrs. Flamer's service to the community.

Graystone Society Vice-President Eugene L. DiOrto read proclamations from Chester County Commissioners Carol Aichele, Terence Farrell and Kathi Cozzone; as well as State Senator John Rafferty and Pennsylvania Governor Edward G. Rendell.



Scott G. Huston presenting the Rebecca Lukens Award to Gladys Flamer.
 (Photo: Sam Radziviluk)

History ... continued

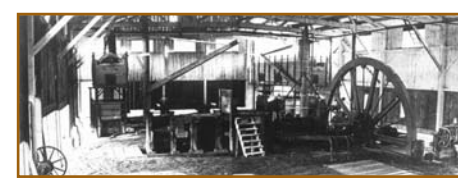
History Corner continued from page 1
 Prior to the Civil War in 1859 Charles Penrose became a junior partner with Dr. Charles Huston. The firm was then called Huston and Penrose. It is thought that the decision to produce iron for military purposes during the Civil War was in part due to the fact that Penrose was not a Quaker. In fact he was noted as saying they roll "good Yankee iron that will withstand Rebel thunder".



1865 Engraving of the Mill
 (Photo: Graystone Collections)

The company positioned itself in the 1870s for the Industrial Revolution by abandoning water power to power the mill and employing steam engines.

Additional technical improvements allowed Dr. Charles Huston to blend the science and art of making steel. He recognized early on the need to identify variables that needed to be controlled in order to produce a superior product.



Old 84" Mill (Photo: Graystone Collections)

A new era in the history of Lukens was ushered in as the two sons of Charles and Isabella: AF and CL Huston, joined their father in the business, and the company became Charles Huston and Sons. These developments will be explored in the next issue of *Boilerplate*.