



**Sandra Momyer**

**13th Annual  
Rebecca Lukens  
Award Recipient**

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## Our Mission

The National Iron & Steel Heritage Museum is a not-for-profit educational institution whose mission is to promote an understanding of the iron and steel history of Coatesville, Chester County, Southeastern Pennsylvania and the region to audiences of all ages and interests by collecting, preserving, exhibiting and interpreting iron and steel's history and its relationship to the region and nation beyond.

Front Cover:

Sandra Momyer, the 13th recipient of the Rebecca Lukens Award.



Scott G. Huston

Technology greatly impacts the steel industry. From the electric arc furnace to the strand caster to automated rolling mills, technology has made steel production faster

and better. Coatesville, however, has one particular piece of technology that defies the fast pace of technological change today – the 206" Rolling Mill.

In the 1910s, Lukens Steel Company faced a few challenges. First, World War I and changes in manufacturing increased the need for extra-wide steel for our nation's bridges, skyscrapers, ships, and submarines. To meet that need, American steel companies were making wider steel plates. In Coatesville, two companies battled for the ability to make the largest plates in the

## EXECUTIVE DIRECTOR'S REPORT

Through the exhibits at NISHM we interpret information, developing stories and the ways that they are told to reveal and provoke.

- What is steel? Where does it come from & how is it made and used?
  - What would Coatesville and America be like if it hadn't been for steel?
  - Who was Rebecca Lukens? Why is she considered a pioneer of American business?
  - What was it like to live in a steel town 150 years ago? Or 50 years ago? What is it like today?
  - How does it feel to work next to tons of hot metal? What skills does it take?
- Please visit us to explore our latest exhibits!

The National Iron & Steel Heritage Museum is a project of the Graystone Society, Inc., a 501(c)3 public charity registered with the Pennsylvania Bureau of Charitable Organizations. Contributions are tax deductible to the extent permitted by law.

National Iron & Steel Heritage Museum, 50 S 1st Ave, Coatesville, PA 19320 | 610-384-9282

## PRESIDENT'S MESSAGE

nation: Lukens and Worth Brothers.

To make wider plates, a team of Lukens directors and engineers designed and built the 206" Rolling Mill in 1917. The mill was the widest in the world for more than thirty years and it rolled steel for great American products like aircraft carriers and the Twin Towers in New York City.

It is 2019, more than one hundred years later, and the 206" Rolling Mill still operates at the ArcelorMittal Coatesville steel site. It continues to roll steel for our nation's largest bridges and naval vessels.

To honor this mill, we have on display "Roll That Steel! Rolling, Coatesville, and the World's Largest Plate Mill," an exhibit made possible by members like you. Please stop by and see it!



Jim Ziegler



## SANDRA MOMYER – 2019 REBECCA LUKENS AWARD RECIPIENT

The National Iron and Steel Heritage Museum (NISHM) is proud to present its thirteenth annual Rebecca Lukens Award to archivist and local preservationist, Sandra S. Momyer. Sandra has devoted most of her life to preserving the history of the people, places and heritage of Chester County.

Upon hearing of the nomination Sandra said, "I am overwhelmed to receive the Rebecca Lukens Award. It is such an honor and quite a legacy to be measured against. I have always strived to do the right thing in the best way I can and to move forward with integrity and commitment. To be awarded for this is extraordinary."

Sandra dedicated 15 years of her career as the Executive Director of Historic Yellow Springs (HYS). Her leadership, self-motivation and commitment to her work resulted in preservation, conservation and adaptive uses

for the historic village.

During retirement, Sandra's dedication brought her back to Historic Yellow Springs where she currently manages and cares for the village's archives. In addition, Sandra is a volunteer member of the Schuylkill Township Historical Commission, she serves as the vice president of the Schuylkill River Heritage Center, and has received recognitions from the Chester County Historic Preservation Network and Cabrini University for her preservation successes, challenges and ongoing commitment to the community.

The award will be presented to Mrs. Momyer at a May 15th reception in the Lukens National Historic District. We extend our thanks to event sponsors: PECO, The Stewart Huston Charitable Trust, Coatesville Savings Bank, Wegmans and Peter and Ruth Nunn.

# HEART AND SWEAT: LABOR IN THE STEEL INDUSTRY



# I AM COATESVILLE STEEL



# 2019 SPECIAL EXHIBITS

Rotating exhibits have been a part of NISHM for a few years... they are a great way to highlight and go into more detail about a particular aspect of the steel industry. Past exhibits have included shipbuilding, Coatesville in World War I, the history of Pennsylvania iron and steel, and others. 2019 will see three amazing exhibits.

Presently on display is "Roll That Steel! Coatesville, Rolling, and the World's Largest Plate Mill," which examines metal rolling, one of the most important manufacturing processes in the world. "Roll That Steel" also reveals the importance of rolling in Coatesville and the history of the 206" Rolling Mill, once the largest in the world. Please stop by and see this great exhibit!

In Winter, NISHM displayed a brand new exhibit titled "I Am Coatesville Steel." A project of Art Partners Studio, this exhibit featured portraits of former Lukens and current ArcelorMittal employees and video montage of interviews with those individuals. The video is currently playing at NISHM, and the portraits will return at a later date once they finish their displays at other locations.

In June, this year's major exhibit will go on display. About labor, "Heart and Sweat: Labor in the Steel Industry" will explore the working and living conditions in the steel industry: from the early iron furnaces, to the massive and dangerous industrial-era steel towns, to the present-day steel mills. It will not be one to miss!



## OUR WINTER AND SPRING PROGRAMS

Both Winter and Spring are busy times at NISHM!

We had a living history "Meet Rebecca Lukens" program in January and thank Suzy Brody for her moving portrayal of Rebecca. In February, at the "Steel Workers Panel," former and current steelworkers talked about their experiences working in the steel industry.

Ellen Endsloew provided a "Pieces and Patterns" program about the history of quilts in Chester County in March. Two Lukens/Huston family quilts were on display. April featured Professor Thomas Legg, West Chester University, and his exciting talk "From Wood to Iron in the 19th Century American Maritime World." You can view all

the programs above on [steelmuseum.org](http://steelmuseum.org) JUST ADDED! Two brand new events have been scheduled for this Spring.

First, we are continuing our special trips to Primitive Hall. Built in 1738, Primitive Hall retains much of its original characteristics and is rarely open to the public, so these trips are a great opportunity to see this historic gem. Please contact LeAnne at [education@steelmuseum.org](mailto:education@steelmuseum.org) for more information.

And... for the FIRST TIME... we will have a live blacksmithing demonstration! Bob Lesutis, a local blacksmith, will form a steel rod into a cheese knife. Saturday, June 1, 11:00am, on the grounds of NISHM, \$10 or \$5 for members. We hope to see you here!



## RECENT COLLECTION ADDITIONS

The National Iron & Steel Heritage Museum recently acquired a model the Ocean Masters III platform oil drilling rig. The model originally came from Loffland Bros., an oil drilling corporation located in Tulsa, Oklahoma. The model spent the last 30 years on display at the American Museum of Science and Energy in Oak Ridge, Tennessee. When the Museum relocated, they wanted to downsize some of their exhibits, and asked if NISHM was interested. The answer was an enthusiastic "Yes". Lukens Steel supplied material for numerous oil rigs, making this is an appropriate, and unique addition to our collections. The model is exhibited in the Motor House next to the Guppy submersible, which was used to inspect such oil rigs.

As exciting as the model is, it is not the only 5 interesting donation NISHM has recently

received. Some other donations include:

1: A large collection of "O" gauge Lionel model trains and related items from Joseph DuBarry. The donation includes 30 train cars in their original boxes, Plasticville buildings, control switches, bridges, signs, crossings and loaders, and uncounted sections of track, wires, and maintenance kits. Part of the collection was exhibited at our Holiday Open House.

2: Fifteen boxes of archival material from the Morgan Steel Company of Worcester, Massachusetts. Morgan Steel provided steel mills and machinery to numerous important steel companies including Bethlehem Steel, National Tube Company, Columbia Steel and Davy & United Engineering. The donation also included seven extremely large rolls of plans and blueprints.



## AL GIANNANTONIO NAMED 2018 VOLUNTEER OF THE YEAR

Our 2018 Volunteer of the Year Albert J. Giannantonio, of West Chester, PA, graduated from Villanova and completed naval service as a Communications Officer. After, he obtained a position in a production planning department and later joined the Civil Engineering firm of Yerkes Associates, Inc. and became president of the firm in 2001. He was a registered Professional Engineer and Surveyor in Pennsylvania and is now fully retired.

In college, Al was employed by the Pennsylvania Railroad as a Fireman on the engine crew of freight locomotives. That position led to a life-long interest in railroading. He was President of the Philadelphia Chapter of the Pennsylvania Railroad Technical & Historical Society from 2001 to 2009 and served as President of the Friends of the Railroad Museum of Pennsylvania from 2012 to 2015.

Al was introduced to the museum by Gene DiOrio and became a Board member in 2007. In 2018, Al put in much volunteer time outside of being a Board member. He donated the materials and constructed four movable carts for framed artwork, constructed protective dust covers and two sleds used for transporting our model trains, helped accession museum collections, and so much more. We thank Al very much for all he has done!





## 120 Mill Projects

Several major projects currently underway in the 120" Motor House continue to transform it into a major showplace for our collections.

We are currently investigating a reoccurring water infiltration problem in the basement for possible solutions by looking at old blueprints of the building. Another project is to rebuild or replace the overhead door that currently will not go all the way up, and sometimes doesn't want to close.

Even with these projects underway we continue to add exhibits there. The newest is a model of an oil rig drilling platform. The model is on display next to the GUPPY, a two man search, survey, and scientific deep, submergence vehicle built in the 60's by Sun Shipbuilding. The pressure hull uses spun heads made by Lukens Steel.

## TERZACINA CHIMNEY REPAIRS

The 1850 home of Dr. Charles and Isabella Huston has seen decades of cold, heat, rain, and drought which take a toll on a building.

Recently NISHM has had the locations of active leaks around three of the four chimneys where damage to interior finishes appears observed.

Deficiencies at these locations may be allowing water to penetrate into the brick masonry of the chimney. The chimneys will require a significant amount of rebuilding in order to repair the flues, replace deteriorated backup masonry, replace cracked bricks, re-set loose bricks, and properly repoint all mortar joints.

The ideal time to rebuild the chimneys is when the roof is replaced but the recommendations for temporary repairs that were suggested should help reduce water infiltration at the chimneys.



# UPCOMING 2019 EVENTS



**June 15, 2019**  
Bus Trip - Primitive Hall &  
Chester County Historical Society  
9 AM | \$70, \$60 Members



**May 15, 2019**  
Rebecca Lukens  
Award Presentation To  
Sandy Momyer  
5:30 PM | \$50



**June 1, 2019**  
Blacksmithing  
Demonstration  
11:00 AM | \$10, Members \$5

## 2019 SPONSORS



ArcelorMittal



Peter & Ruth Nunn



THANK YOU TO ALL OF OUR MEMBERS  
WHO JOINED OR RENEWED FROM  
NOVEMBER 1, 2018 TO MARCH 31, 2019

NEW MEMBERS

Carol Hayashida

Jean Jones

Vonie Long

RENEWING MEMBERS

(\* DONATES 5+ CONSECUTIVE YEARS, BOLD DENOTES 120" Mill CLUB MEMBER & ABOVE)

Paul Backenstose

John & Mitzi Forese\*

Ausmus Marburger

Thomas Barnett\*

**Larry Freeman\***

Will & Gaye McGroarty

Louis Beccaria\*

Nancy Gill\*

**Michael McNeil**

Norman Bernard

John Graves\*

Mark & Anna Myers\*

John Bertram\*

**Alyn & Robert Greeney\***

Albert Nunn

Patty Biffen

Maurice & Judith Hare\*

David Nunn

Viola Bird

Herbert Hoffman

Steven Nunn

**John & Felicitas Bowie\***

**Mary Holleran &**

Robert Olseski\*

Lindsay Brinton

**David Proctor**

Richard Pennock

Susannah Brody\*

Robert Holliday

Richard & Debra Phillips

Francis Chiarrocchi

Carol Holloway\*

Joseph Pitts\*

Vivian Childs

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Barbara Reczek

Allan & Barbara Cohen

Allan Horwitz

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Francis Cooper

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Kenneth Wyerman

Ellen Endslow

Michael Lukens

WE ARE GREATLY APPRECIATIVE OF ALL OF OUR  
MEMBERS' SUPPORT!

WE COULDN'T DO IT WITHOUT YOU!

## BECOME A TOUR GUIDE!

The American steel industry – that is the story we tell at NISHM. Museum visitors learn about the people, process, and product of the industry through the example of the Coatesville steel site. They learn through indoor exhibits, videos, and access to full-size steel products and historic homes and mill buildings.

Are you interested in history? Do you enjoy talking to others? Would you like to learn and teach others about our nation's steelmaking past? Then please consider becoming a tour guide! NISHM is looking for volunteer tour guides. Museum hours are 10:00am to 4:00pm, Monday through Saturday, with full and half-day hours available. Training will be provided.

Please contact LeAnne Zolovich, Educational Services Manager at [education@steelmuseum.org](mailto:education@steelmuseum.org) or 610-384-9282 if interested!



## YOUR HOME AWAY FROM HOME!

At Graystone Mansion, history, architecture, and modern conveniences combine to create a timeless elegance. Built in 1889, designed by Cope and Stewardson, Graystone Mansion is a classic example of the American Collegiate Gothic style of architecture. The exterior gray stone and interior dark wood paneling, carved fireplaces, and grand staircase provide a magnificent setting for your special event. The extensive grounds include a large variety of flowers, trees, and other plants, which create a gorgeous backdrop for photographs.

Host your next event here, and we promise that your event will be spectacular! Contact Sharon Tandarich at [admin@houstonproperties.org](mailto:admin@houstonproperties.org) or 610-384-2666 if interested.

THE NATIONAL  
**IRON & STEEL**  
HERITAGE MUSEUM



*Each March, the front grounds of Graystone Mansion bloom with glory-of-the-snow. A field of these blue/purple flowers creates a sight to behold! Photos like this one must be snapped quickly... the flowers bloom early, last only a couple of weeks, then remain dormant until next spring. You can often spot them peeking above snow after a later winter storm.*