



Fall 2020 Programs

Museum Hours

Tuesday through Saturday 11 a.m. to 4 p.m.

Tuesday through Saturday 10 a.m. to 5 p.m.

(Beginning October 6, 2020)

Sunday 12 p.m. to 4 p.m.

Closed Mondays

Visitors can make reservations for timed entry online, by email: info@lizzadromuseum.org or phone: 630-833-1616.

Walk-ins are allowed. Face coverings are required.

Group Tours

Limited capacity maximum of 50 persons can arrange a group tour at 10 a.m. Tuesday through Saturday. Tours can be arranged for groups with special interests or needs. Reservations are required. Group rates are available.

Visit us and shop online at
lizzadromuseum.org

1220 Kensington Road, Oak Brook, Illinois 60523
630-833-1616 | info@lizzadromuseum.org

The Lizzadro Museum Free Day
is sponsored by:



**Wealth
Management**

Admission

\$10.00 Adults, \$8.00 seniors

\$5 Students, Teenagers, Children 7-12

Free for children under 7 yrs.

Wednesday is Free Day.

Members of the Lizzadro Museum and active members of the Armed Forces are admitted free of charge any day the Museum is open to the public.

Accessibility

The Museum has facilities to provide access for physically disabled visitors.

Volunteering

Volunteering forms are available online.



[@lizzadromuseum](https://www.instagram.com/lizzadromuseum)



Smithsonian
Affiliate

Meteor-wrong! It's Slag!

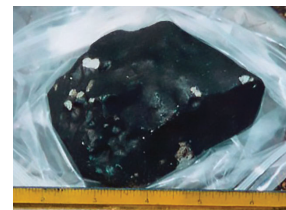
By Sara Kurth



Typical Iron Slag, often used as fill and commonly found in backyards and roadsides. Notice the bubbly look and holes.



Float Jade from Wyoming on display. Float refers to any mineral carried away from its original source. This jade has endured years of weathering causing a polished and pitted look making it a ventifact!



The real deal! This meteorite hit a roof and is one of several hundred pieces of meteorite that exploded over Park Forest, Illinois in March 2003. Notice the black fusion crust.

Have you been doing yard work while stuck at home and found a cool “rock”? Is it heavy, metallic looking and possibly magnetic? Did you just find a meteorite?! Probably not. What you may have found is something called “slag.”

Slag is the by-product of smelting, or the separation of a desired metal out of a raw ore. The most common slag found in the Chicago area is the result of steel production. The creation of steel requires iron. Native iron is rare in nature. Iron ore is derived from iron-rich minerals like hematite and magnetite. Nearly all of the iron ore deposits found on earth are older than 1.8 billion years. At that time, the earth's oceans were saturated with dissolved iron and virtually no oxygen. Cyanobacteria, the first photosynthetic organisms, began releasing oxygen into the water. The oxygen and dissolved iron interacted, in essence, causing the oceans to rust, forming banded iron formations (BIFs). These BIFs alternate between iron-rich minerals like magnetite and hematite, and iron-poor minerals and shale. These bands are an indication of photosynthetic changes in the environment, thought to be a result of seasons.¹

Fast forward to the age of humans, the use of steel in construction dates back to 1800 B.C. in what is modern day Turkey.² Prior to the 1850s, the process of making steel was very expensive and reserved only for small, expensive items like armor, swords, and knives. In 1857, Henry Bessemer developed the Bessemer Process, which more efficiently removed impurities from iron ore using oxidation processes.³ This resulted in the ability to mass-produce steel globally. The United States became a world leader in steel production from 1875 through 1970, with steel mills located throughout the country, mainly centered around the Great Lakes region including Pennsylvania, New York, Ohio, Illinois, Indiana, and Michigan. Chicago, ideally located next to Lake Michigan and the I&M canal, and its proximity to the Marquette Iron Range in Michigan, became one of the largest iron and steel producers in the world. By the end of the 19th Century, Chicago steel mills produced a million tons of steel a year!⁴

By the 1970s and '80s, however, a steel crisis hit the United States. Nearly a quarter of U.S. steel manufacturing equipment was inefficient, costing more in manhours than the cost for the steel itself. Foreign competition became a contributing factor to the decline in U.S. steel production. Today, the largest steel producer is ArcelorMittal with production facilities located around the world.⁵

Although small amounts of steel are still produced in Gary, Indiana, just south of Chicago, the area is no longer the steel production hub of the past. The relics of this age can now be found in your very own backyard! It may not be the coveted meteorite you were hoping for, but slag tells us a story of Chicago's past and that beauty is truly in the eye of the beholder.

¹King, H.M., “Iron Ore: What is Iron Ore, how does it form, and what is it used for,” 2020, Geoscience News and Information, <https://geology.com/rocks/iron-ore.shtml>, Retrieved September 5, 2020.

²Akanuma, H. “The significance of the composition of excavated iron fragments taken from Stratum III at the site of Kamen-Kalehöyük, Turkey.” *Anatolian Archaeological Studies*. 14: 147-158, 2005, Tokyo.

³Ponting, Clive, “World History, A New Perspective,” 2000, The University of Michigan.

⁴Bensman, D. and M.R. Wilson, “Iron and Steel,” *Encyclopedia of Chicago*, 2005, Chicago Historical Society, <http://www.encyclopedia.chicagohistory.org/pages/653.html>, Retrieved September 5, 2020.

⁵“Top steel-producing companies 2019,” World Steel Association, 2020, <https://www.worldsteel.org/steel-by-topic/statistics/top-producers.html>, Retrieved September 5, 2020.



Special Exhibit

Re-carving the Past: The Art of Chinese Bronzes and Jades

Continues through January 3, 2021

Focusing on the shapes and decorations of the two most prominent art forms in China, this exhibition features 11 bronzes from the MacLean Collection and 16 jade carvings from the Lizzadro Museum illustrating the enduring importance of antiquity in Chinese art and culture.



October 3

Reading the Rocks

Interpretive in-person program outdoors in the Museum's rock garden with our educator Geologist, Sara Kurth, focuses on the different types of rocks and minerals commonly found outside. Then explore inside the Museum and take the scavenger hunt quiz. Physically distance and masks required.

In-person Tour - 11 a.m. & 2 p.m. - Ages 6 and up - Limited Capacity

30-minute outdoor program (weather permitting) and 30-minute indoor scavenger hunt

General Museum Admission - Museum Members Free

Make reservations online - <https://lizzadro-museum.ticketleap.com/reading-the-rocks/>



October 10 & 24; November 7 & 28; December 5 & 19

Slow Art Saturdays

Intimate viewing is a crucial part of Chinese art appreciation. These on-going gallery tours explore various topics found within the art. Join our Asian Art Curator, Dr. Tongyun Yin, as she explores the Lizzadro Collection. Various pieces will be featured along with new topics on each date. Topics include: materials and techniques, Buddhist art, foreign influences, longevity, and symbolism. Physically distance and masks required.

In-person Tours - 2 p.m. - 15-minute tour & 15-minute Q&A

Students and Adults Only - Limited Capacity

Regular Museum Admission - Museum Members Free

Make reservations online - <https://lizzadro-museum.ticketleap.com/slow-art-saturdays/>



October 17

Virtual Class: Rockin' Jewelry

Children can make their own gemstone jewelry with the Rockin' Jewelry kit and virtual class. Purchase your \$10.00 kit online or in the Museum store. Participate in the class and learn to make a necklace, keychain and pin. Completes the Jewelry Badge for Girl Scouts.

10 a.m. - 60 minute - Live Virtual Class with instructor

\$5 per person - Museum Members Free (call for your discount code)

Purchase tickets online:

<https://lizzadro-museum.ticketleap.com/virtual-rockin-jewelry-class/>



November 14

Virtual Lecture: Restoration of the Imperial Screen

Conservators from The Conservation Center will present their work on the Imperial Screen, recently restored in their Chicago-based workshop. Restoring this treasure of the Lizzadro Collection took seven months of dedicated work by the Conservation Center's team of Furniture Conservators. Join us for this virtual presentation and Q&A session following.

2 p.m. – 60-minute - Live Presentation Virtual Lecture

General Museum Admission – Museum Members Free (call for your discount code)

Purchase tickets online:

<https://lizzadro-museum.ticketleap.com/restoration-of-the-screen/>



November 21

Virtual Class: Mineral ID

Join our geologist, Sara Kurth, virtually to learn the techniques for mineral identification. Purchase your \$10.00 kit online or in the Museum store. Join us from home and learn how to identify your minerals. Completes the earth science badges for Cub and Boy Scouts.

10 a.m. – 60-minute - Live Virtual Class with Instructor

\$5 per person – Museum Members Free (call for your discount code)

Purchase tickets online:

<https://lizzadro-museum.ticketleap.com/virtual-mineral-identification-class/>



December 12

Virtual Lecture: Echoes of the Earth

In a life-changing journey, L. Sue Baugh and her colleague, Lynn Martinelli traveled 54,000 miles to capture the power and beauty of the world's oldest rock and mineral sites. This multi-media virtual presentation offers breathtaking images of ancient stone and reveals a startling connection between our amazing planet and us.

Join us for a virtual presentation and Q&A session following.

2 p.m. – 60-minute - Live Presentation Virtual Lecture

General Museum Admission – Museum Members Free (call for your discount code)

Purchase Tickets online: <https://lizzadro-museum.ticketleap.com/echoes-of-the-earth/>

Ongoing Activities

Passport to Adventure

Download your passport online by going to our website. Visit participating Museums in Kane and DuPage Counties. Print out the Prize Page (3) and the Lizzadro Museum page (28). Visit sites to collect your stamps! Win a prize when your prize page is filled - good luck!

Geocaching Scavenger Hunt

Do the geocaching scavenger hunt for outdoor fun! Download the "Adventure Lab" app from the App Store or Google Play, or visit the website: <https://www.geocaching.com/sites/adventure-lab/en/>. Log on and check out the Museum Adventure Games and start visiting sites! Each location has questions to be answered – win a prize at certain locations! Sponsored by KDRMA (The Kane DuPage Regional Museum Association).