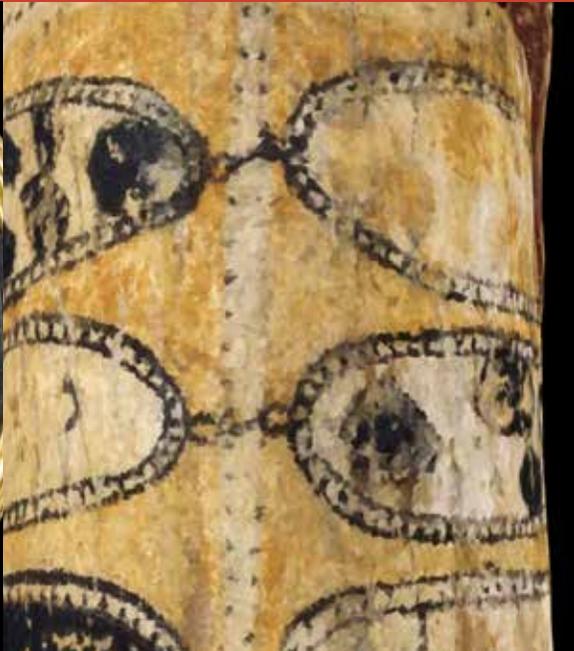


HARVARD MUSEUMS OF SCIENCE & CULTURE

FALL 2020 VIRTUAL PROGRAMS • EXHIBITS • CLASSES

COLLECTION OF HISTORICAL SCIENTIFIC INSTRUMENTS
HARVARD MUSEUM OF NATURAL HISTORY
HARVARD MUSEUM OF THE ANCIENT NEAR EAST
PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY





"Red Maple" *Acer rubrum* #726 Ware Collection of Blaschka Glass Models of Plants

One world. Four museums.

At HMSC, we invite you to explore with us—to seek out new discoveries, voices, viewpoints, and ways to connect. Although the museums are closed, we continue to offer online programs to support individual and educator investigations of the natural world, science, and human cultures. In these challenging times, we also have strengthened our commitment to tackling serious issues at the forefront of our nation's consciousness. Harvard Business School's Rebecca Henderson compels us to consider a bold new vision in her book *Reimagining Capitalism in a World on Fire*. In "Diving with a Purpose," Dr. Albert José Jones and Jay Haigler offer critical insights and confront our troubling past with their archaeological investigations of slave-trade shipwrecks. Online exhibits such as *Listening to Wampanoag Voices* and Juan Villoro's webinar, "The Obsidian Mirror," present enriching perspectives from America's Indigenous peoples. This fall, please join HMSC from wherever you are and be in dialogue with the world.

- COLLECTION OF HISTORICAL SCIENTIFIC INSTRUMENTS
- HARVARD MUSEUM OF NATURAL HISTORY
- HARVARD MUSEUM OF THE ANCIENT NEAR EAST
- PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

HMSC

FRONT COVER IMAGES (clockwise from top left)



Hogfish, *Lachnolaimus maximus*. Labridae

The hogfish gets its unusual name from its long, pig-like snout and protrusible (protractile) mouth which it uses to root around the sea bottom for food. It inhabits inshore patch reefs and seaward reefs, at depths of 3–30 meters. It prefers areas with abundant growth of gorgonian corals. Harvard Museum of Comparative Zoology



Alaska Native warrior-whaler kayak (*qayat*)

This mid-nineteenth-century Alutiiq kayak is one of more than a hundred rare Alaska Native objects that were conserved as part of a Save America's Treasures grant sponsored by the Institute of Museum and Library Sciences. The kayak is currently on view at the Alutiiq Museum in Kodiak, Alaska.

Peabody Museum of Archaeology & Ethnology, #69-30-10/1619



Egyptian Middle Kingdom boat canopy model

After the First Intermediate Period, tombs were no longer decorated with wall reliefs depicting the activities of daily life needed to sustain the deceased. Instead, wooden models representing the same activities were placed in burial chambers with the coffin. This model was possibly of a hunting boat or perhaps a warship, judging from the shields placed along the cabin roof.

Egypt, Dynasty 11–12, ca. 2010–1961 BC. Wood, pigment.

Harvard Museum of the Ancient Near East, #1902.16.3



Telltale Mariner's Compass

Mariner's compasses were used to steer ships and had a magnetized bar glued to the underside of a paper card marked with points. But why are East and West reversed on this compass card? It's because this compass was hung over the captain's bunk and read from below. That way, the captain could keep track of the ship's course when not on deck.

Baker & Hooper, Boston, 1822–1823.

Collection of Historical Scientific Instruments, #DW0507

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HOW TO JOIN HMSC ZOOM EVENTS

To register for an event:

1. Visit our [Upcoming Events page](#).
2. Find program in calendar listing and select registration link.
3. Complete the registration form and submit it.
4. After submitting, you will receive a confirmation email with a Zoom link to the program. Click on this link in your email a few minutes before the program's starting time.
5. [Download the free Zoom app](#) in advance for the best user experience (if not already installed). Select "Zoom Client for Meetings."
6. Your audio and video settings are automatically disabled during the webinar providing full privacy.

- Visit the HMSC website for [tips on maximizing your Zoom connection](#).
- If you experience technical difficulties using Zoom, we recommend visiting the [Zoom Help Center](#).
- Questions? Please email hmscprograms@hmsc.harvard.edu

FREE VIRTUAL LECTURE

Wednesday, September 16, 6:00–7:00 pm ET

Advance Zoom registration required

HARVARD MUSEUM OF THE ANCIENT NEAR EAST



Apprenticeship in Ancient Egypt

WILLEKE WENDRICH

Joan Silsbee Chair of African Cultural Archaeology; Professor of Egyptian Archaeology and Digital Humanities, University of California, Los Angeles

Archaeologists study stylistic and technological changes in excavated materials—especially pottery—to better understand developments in ancient Egyptian society. However, little attention has focused on using the archaeological record to understand the transfer of cultural knowledge. How did people learn the arts and crafts of potters, basket makers, metalworkers, and scribes? Willeke Wendrich will explore the social history of learning in ancient Egypt and what it can teach us about the present.



FREE VIRTUAL LECTURE

Thursday, September 17, 6:00–7:00 pm ET

Advance Zoom registration required

HARVARD MUSEUM OF NATURAL HISTORY

Taking the Smithsonian's Fossil Halls into the Twenty-First Century

MATTHEW CARRANO

Curator of Dinosauria, National Museum of Natural History
Smithsonian Institution



Fossils provide evidence of how organisms have evolved and ecosystems have changed through time—and offer clues to our present and future. The Smithsonian's National Museum of Natural History recently completed a seven-year renovation of its Fossil Hall, the largest in the institution's history. Matthew Carrano, lead curator of the Fossil Hall, will describe the museum's approach to creating a modern, relevant exhibition for the twenty-first century, featuring new research and more than seven hundred

fossils. His talk will detail the goals, processes, and results of this enormous project, while highlighting the key topics selected to enhance the public's understanding of the evolution of life on Earth.

Evolution Matters Lecture Series

Series supported by a generous gift from Drs. Herman and Joan Suit

FREE VIRTUAL LECTURE

Thursday, September 24, 6:00–7:00 pm ET

Advance Zoom registration required

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

Love and Death in the Stone Age

MARY C. STINER

Regents Professor, School of Anthropology, University of Arizona

Humans are the only animal species that bury their dead, and this practice is preserved in Paleolithic sites as early as 120,000 years ago. The emergence of burial traditions in this time period implies that both Neanderthals and early humans had already begun to conceive of the individual as unique and irreplaceable. Mary Stiner will discuss the archaeological evidence for burial practices in the Paleolithic, the earliest-known ritualized bridge between the living and the deceased in human evolutionary history.

Hallam L. Movius, Jr. Lecture



FREE VIRTUAL LECTURE & BOOK PRESENTATION

Thursday, October 1, 6:00–7:00 pm ET

Advance Zoom registration required

Purchase the book at: reimaginingcapitalism.org

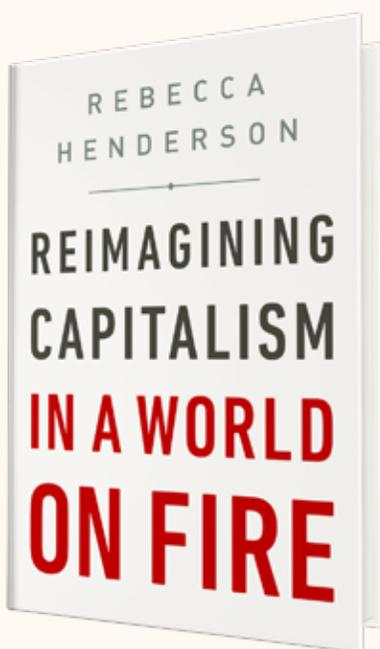
HARVARD MUSEUM OF NATURAL HISTORY

Reimagining Capitalism in a World on Fire



REBECCA HENDERSON

John and Natty McArthur University Professor, Harvard Business School
Co-chair, Harvard University Presidential Committee on Sustainability



Capitalism is the most successful economic system to have ever existed, but it is in danger of destroying itself—and our world. In her most recent publication, *Reimagining Capitalism in a World on Fire* (Hachette/Public Affairs Books, 2020), Rebecca Henderson lays out a pragmatic roadmap for how business can be an engine of prosperity, while also being a system that is in harmony with the environment and one that strives to ameliorate social injustice.

**Presented in collaboration with the
Harvard Office for Sustainability**

FREE VIRTUAL SPECIAL EVENT

Saturday, October 3, 1:00–3:00 pm ET

Advance Zoom registration required

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

HARVARD MUSEUM OF THE ANCIENT NEAR EAST

Amazing Virtual Archaeology Fair at Harvard



Celebrate the glamour, labor, humor, and discoveries of archaeology at Harvard. Join student archaeologists as they share their experience with an Irish castle, a shaft tomb in western Mexico, monuments on the Giza plateau in Egypt and drones used to study El-Kurru in ancient Nubia, among other locations. Place a friendly wager on an *atlatl* (spear throwing) demonstration, observe chew marks on bones from the Zooarchaeology Lab and experience a virtual-reality view of the Great Sphinx.



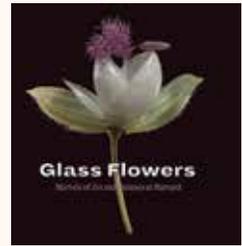
FREE VIRTUAL LECTURE & BOOK PRESENTATION

Wednesday, October 7, 6:00–7:00 pm ET

Advance Zoom registration required

[Purchase the book from HMSC](#)

HARVARD MUSEUM OF NATURAL HISTORY



From the Hands of the Makers

JENNIFER BROWN

Collection Manager, Ware Collection of Blaschka Glass Models of Plants
Harvard University

SCOTT E. FULTON

Head Conservator, Ware Collection of Blaschka Glass Models of Plants
Harvard University

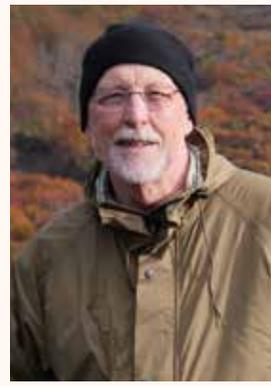
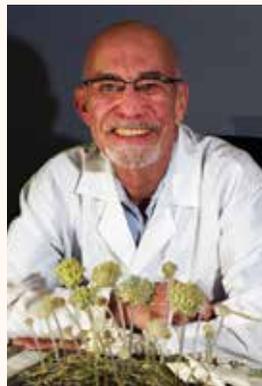
NATALJA KENT

Photographer, *The Glass Flowers: Marvels of Art and Science at Harvard*

DONALD H. PFISTER

Asa Gray Professor of Systematic Botany and Curator of the Farlow Library and Herbarium of Cryptogamic Botany
Harvard University

From 1886 to 1936, Leopold and Rudolf Blaschka applied their artistic talents and knowledge of natural history to create an exquisite collection of glass models of plants to support the botanical education of Harvard students and the public. This program will explore the history, conservation, and relevance of the Glass Flowers in the twenty-first century, and introduce the publication *Glass Flowers: Marvels of Art and Science at Harvard*, a compendium of new photographs that captures the beauty and magnificent detail of the models.



FREE VIRTUAL LECTURE

Wednesday, October 14, 6:00–7:00 pm ET
Advance Zoom registration required

HARVARD MUSEUM OF NATURAL HISTORY



Wonderful Cambrian Beasts

JAVIER ORTEGA-HERNÁNDEZ

Assistant Professor of Organismic and Evolutionary Biology and
Curator of Invertebrate Paleontology, Museum of Comparative Zoology,
Harvard University

Earth is home to a vast diversity of organisms that collectively define the modern biosphere. How did this diversity come to be? Javier Ortega-Hernández will discuss his approach to answering this question by studying organisms that lived more than half a billion years ago in the Cambrian Period (485–541 million years ago). By focusing on the earliest-known animals—some of the most versatile to ever exist—Ortega-Hernández aims to reconstruct the early evolutionary history of major animal groups and contribute to our understanding of Earth's biodiversity.

Evolution Matters Lecture Series

Series supported by a generous gift from Drs. Herman and Joan Suit



FREE VIRTUAL LECTURE

Thursday, October 15, 6:00–7:00 pm ET

Advance registration required

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

The Obsidian Mirror

Literature and Archaeology in Mexico



JUAN VILORRO

Author and Journalist



Mexican authors Octavio Paz, Carlos Fuentes, José Emilio Pacheco, Salvador Novo, Rubén Bonifaz Nuño, and Rosario Castellanos, among others, have sought to use language to explore and recover the links between Mexico's Indigenous peoples and its contemporary society. Focusing on Mexico's pre-Hispanic past, Juan Villoro will explore the intimate and evocative relationships among literature, archaeology, and culture.

Eduardo Matos Moctezuma Lecture Series

Co-sponsored by the David Rockefeller Center for Latin American Studies, the Moses Mesoamerican Archive, and Harvard Divinity School, Harvard University.

FREE VIRTUAL FILM SCREENING & DISCUSSION

Thursday, October 22, 6:00–7:00 pm ET

Advance Zoom registration required

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

HARVARD MUSEUM OF NATURAL HISTORY

COLLECTION OF HISTORICAL SCIENTIFIC INSTRUMENTS

Diving with a Purpose

A Fifteen-Year Odyssey

JAY HAIGLER

Master Scuba Diver Trainer, Professional Association of Diving Instructors; Scientific Diver and Diving Safety Officer, National Association of Black Scuba Divers, Foundation; Board Member and Lead Instructor, Diving with a Purpose

ALBERT JOSÉ JONES

Professor Emeritus, Marine & Environmental Science, University of the District of Columbia; Founder of Underwater Adventure Seekers Scuba Diving Club; Cofounder of the National Association of Black Scuba Divers

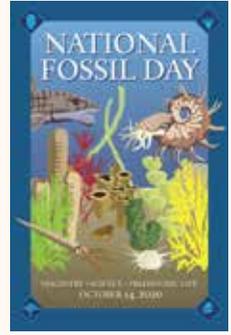


Diving with a Purpose is an organization dedicated to the documentation and protection of African slave-trade shipwrecks and the maritime history and culture of African Americans. Jay Haigler and Albert José Jones will share a documentary on the organization's work and recent discoveries. They will discuss the importance of submerged heritage resources in advancing the fields of maritime archaeology and ocean conservation and the need for a better understanding of the transatlantic slave trade and its global, cultural, and social-economic impact on society.

FREE VIRTUAL SPECIAL EVENT

Thursday, October 22, 9:00 am–2:00 pm ET
Advance Zoom registration required

HARVARD MUSEUM OF NATURAL HISTORY



National Fossil Day

Celebrate National Fossil Day—a celebration organized by the National Park Service—by taking a closer look at museum fossils with Harvard paleontologists. What can we see on ancient seafloors? How do modern animals help us understand extinct animals? What fossils still amaze scientists? What is it like to be a practicing paleontologist? Bring your curiosity and questions to this online event for all ages!



FREE VIRTUAL SPECIAL EVENT

Sunday, November 1, 3:00–5:00 pm ET

Advance Zoom registration required

Outdoor Candle Lighting 5:30–6:30 pm

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

Día de los Muertos Day of the Dead Celebration



Join us online for an afternoon of community and joyful remembrance. Write an online message of love, watch a master craftsman create *papel picado* in Mexico, listen to traditional verses in English and Spanish, craft a *cempasúchil* flower for the departed, ask questions about our *ofrenda* and learn a Mexican folk dance. At nightfall, walk to our illuminated front steps for an outdoor candle lighting for Covid-19 victims and other loved ones. Handheld candles will be available. Social distancing precautions will be in effect. Look for the link to activity downloads at registration.

Co-sponsored by the Consulate General of Mexico in Boston and the Mexico, Central America, and Caribbean Program at the David Rockefeller Center for Latin American Studies, Harvard University



FREE VIRTUAL SPECIAL EVENT

Saturday, November 14, 2:00–3:30 pm ET
Advance Zoom registration required

HARVARD MUSEUM OF NATURAL HISTORY



Fabulous Fungus Fair

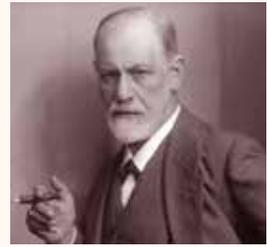
Explore the wondrous world of fungi! Join Harvard students for a closer look at the mushrooms, yeasts, and molds found in gardens, forests, labs—even in our own refrigerators. This popular annual event turns virtual this year, featuring videos created by Harvard students. Join the webinar to participate in live conversation in response to student projects. Be prepared to see fungi in a whole new way!



HMSC ONLINE EXHIBITS

Available: Early 2021

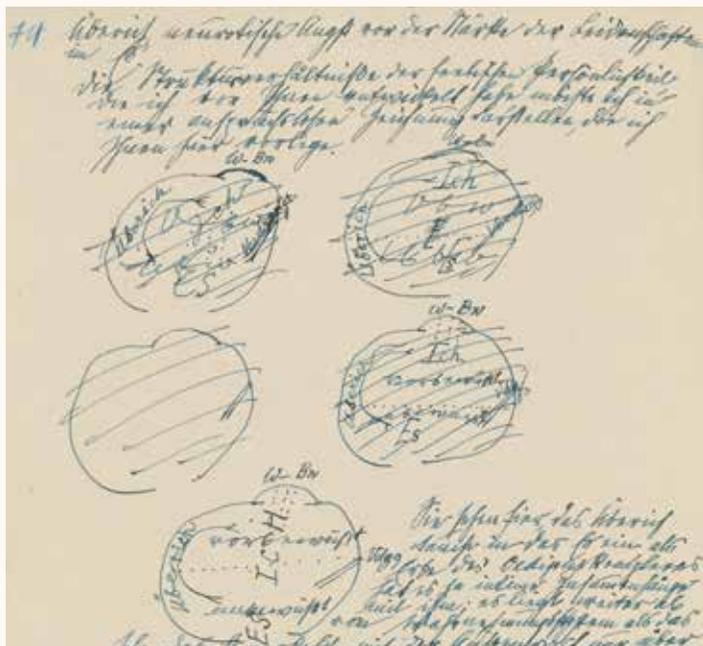
COLLECTION OF HISTORICAL SCIENTIFIC INSTRUMENTS



The Interpretation of Dreams

Freud and the Visual Origins of Psychoanalysis

Get into the head of one of the most famous figures in the history of psychology thinking! *The Interpretation of Dreams: Freud and the Visual Origins of Psychoanalysis* is an online exhibit that will explore the role of Freud's drawings and art collection in the development of his psychoanalytic theories. Virtual visitors can experience Freud's work process as he develops novel approaches to understanding both mind and self. Visitors can also examine Freud's rarely seen drawings and sketches, providing new insights into the man and mind behind some of the most influential and debated therapeutic techniques ever developed.



HMSC ONLINE EXHIBITS

Available: Now

HARVARD MUSEUM OF NATURAL HISTORY

Sharks: Streamlined Swimmers

Sharks: Streamlined Swimmers is the first installment in our new series of online mini-exhibits: **HMSC Connects! Exhibit Spotlight**. The series offers a virtual window into intriguing cultural and scientific concepts presented with fresh perspectives and new voices. It delves into aspects of shark anatomy and movement, highlighting current science and researchers from Harvard University's Lauder Laboratory in the Department of Organismic and Evolutionary Biology. From shark body form and the shape of their fins to the tiny tooth-like "scales" making up their skin, this mini-exhibit explores how shark body design helps this marine predator move through water with speed and precision.



HMSC ONLINE EXHIBITS

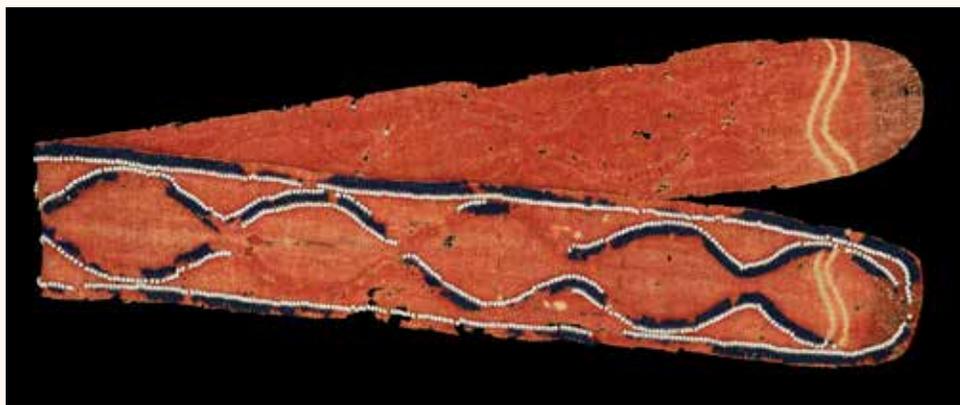
Available: Indigenous Peoples' Day, October 12, 2020

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

Listening to Wampanoag Voices: Beyond 1620



Four hundred years have passed since the Wampanoag Nation encountered English immigrants who settled on the shores of their land at Patuxet—now called Plymouth. Harvard University has had a relationship with the Wampanoag and other local tribal communities for nearly as long, establishing the Harvard Indian College on campus in 1655. In acknowledgment of this early history, the Peabody Museum has asked Wampanoag tribal members to reflect on collections spanning four centuries and stewarded by the museum. Launching on Indigenous Peoples' Day, October 12, 2020, the exhibit will feature these contemporary Wampanoag voices. Listen as they share memories, thoughts, and reflections about collection items made by their ancestors and relatives, and learn how Wampanoag life and culture continues to flourish today.



VIRTUAL ADULT DRAWING CLASSES

Instructor: Artist and educator Erica Beade

Sessions: two hours long and limited to ten participants

Fees: \$30 members/\$35 nonmembers. Advance Zoom registration required.

HARVARD MUSEUM OF NATURAL HISTORY



Drawing Plants and Flowers

Saturday, September 26, 9:30–11:30 am or Wednesday, September 30, 1:00–3:00 pm

Capture the beauty and variety of plant forms with pencil and paper in either of these two-hour online workshops. Participants will explore botanical drawing techniques through close observation and practice with contour, gesture, foreshortening, and shading. All skill levels welcome.

Drawing Plants and Flowers in Colored Pencil

Wednesday, October 7, 1:00–3:00 pm or Saturday, November 7, 9:30–11:30 am

In either of these two-hour online workshops, participants will explore the versatile medium of colored pencil as they capture the form and beauty of botanicals. After discussing materials and techniques and looking at examples, each participant will experiment with drawing botanical subjects of their own choosing. All skill levels welcome.

Sketching and Mindfulness

Saturday, December 5, 9:30–11:30 am

This two-hour online workshop will explore how sketching can be a practice for deepening mindful awareness of our surroundings, and how mindful awareness can enrich our sketching practice by helping to quiet inner voices. Using natural objects as the subject matter, participants will explore ways to focus their attention, learn to see more deeply, and record observations more carefully. All skill levels welcome.

HMSC connects!

HMSC Connects! is a new initiative that brings together the digital resources of the four museums in new and exciting ways. This platform features museum exhibits and collections, interdisciplinary perspectives, and a variety of options for exploring science, culture, and the natural world.

hmsc.harvard.edu/hmsc-connects

Podcast

Every two weeks, our podcasts go behind-the-scenes of the HMSC museums to talk with scholars, researchers, collection keepers, exhibit designers, and other fascinating people connected to the museum world.

Extraordinary Things

Explore intriguing objects from the HMSC museums with rich narratives, surprising perspectives, and fun activities for ages 10 and up.

Drawing Upon the Collections

Enjoy tickling your creative side with beautiful, detailed coloring pages featuring objects and spaces from the HMSC museums.

Virtual Tours

While we cannot welcome you to our museums quite yet, we can meet you where you are. Make a virtual visit to the Harvard Museum of the Ancient Near East today! Later this fall, look for updates on our website about new virtual tours.

FALL 2020 VIRTUAL LECTURE SERIES

EVOLUTION MATTERS



Thursday, September 17, 6:00 pm
**Taking the Smithsonian's
Fossil Halls into the
Twenty-First Century**

MATTHEW CARRANO
Curator of Dinosauria
National Museum of Natural History
Smithsonian Institution



Wednesday, October 14, 6:00 pm
Wonderful Cambrian Beasts

JAVIER ORTEGA-HERNÁNDEZ
Assistant Professor of Organismic and
Evolutionary Biology and
Curator of Invertebrate Paleontology
Museum of Comparative Zoology
Harvard University

HARVARD MUSEUM OF NATURAL HISTORY

Series supported by a generous gift from Drs. Herman and Joan Suit

HARVARD MUSEUMS OF SCIENCE & CULTURE

PLEASE SUPPORT HMSC

Make your secure online gift now

COLLECTION OF HISTORICAL SCIENTIFIC INSTRUMENTS

HARVARD MUSEUM OF NATURAL HISTORY

HARVARD MUSEUM OF THE ANCIENT NEAR EAST

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

HMSC continues to work toward our mission to **foster curiosity and a spirit of discovery in visitors of all ages**. The only difference is that, for the time being, those visitors are connecting with the museums virtually.

Since this past spring, staff members have been working to achieve this mission in light of current challenges. They have applied their creativity and expertise to create fun digital activities, produce meaningful online exhibitions, and develop new ways to deliver educational programs. Through these ongoing efforts, HMSC is bringing the museums to the community and welcoming engagement at a safe distance.

We are relying more than ever on the generosity of our friends to support this ongoing work. Please consider a donation to help HMSC during this challenging time. Thank you for your support.



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