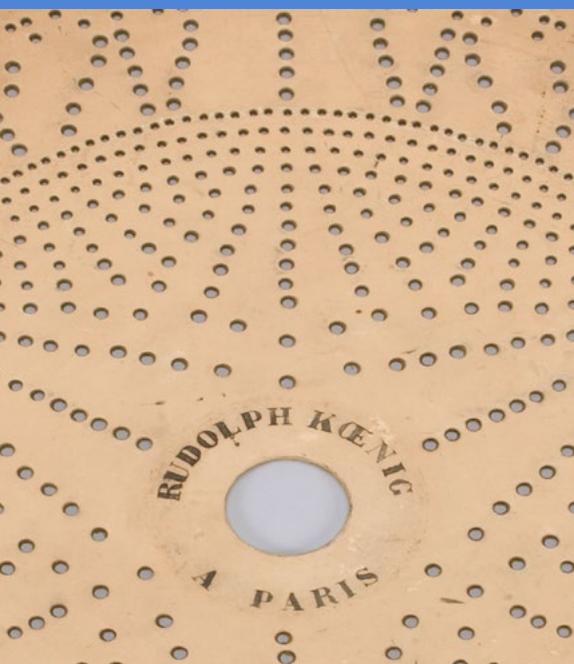




HARVARD MUSEUMS OF SCIENCE & CULTURE

SPRING 2021 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





One world. Four museums.

A heartfelt welcome to 2021! We greet the new year with a full slate of virtual programs and exhibits at the intersection of science, culture, history, and art. Join us for programs that offer novel perspectives on race and gender, including a talk with Christy Coleman, nationally renowned historian, social justice advocate, and visionary in the museum field. Celebrate the critical, but often overlooked, work of women behind-the-scenes in the online exhibit *Women of the Museum, 1860-1920*. Uncover and examine the secrets of evolutionary marvels from intricately designed viruses to curious creatures that can regenerate entire bodies. “See” our museums with fresh eyes as you embark on new virtual journeys through the galleries of all four museums. We eagerly await the time when we can welcome you through our doors once again, and hope that you’ll keep HMSC tuned in as your conduit to the rich diversity of nature, peoples, and ideas that make up this miraculous and ever-changing planet.

- **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)



MALE BLUETHROAT (*Erithacus Luscinia svecica*)

A songbird with a large, highly varied repertoire of rich musical notes, hisses, trills, and more guttural sounds. Accomplished mimic. This bird occurs widely across Europe and Asia, but is restricted to northern and western Alaska and the Yukon Territory in North America.

Harvard Museum of Comparative Zoology #153101



THUMB PIANO

Tingeli or *tingeri*, musical plucking instrument. Carved reed and wood, reed keys attached with fiber. Museum Purchase, Huntington Frothingham Wolcott Fund, 1930.

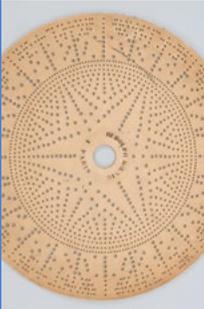
Peabody Museum of Archaeology & Ethnology, #30-2-50/B4900



TAMBOURINE

Tambourine (Arabic: *riq*). Circular wooden frame inlaid with mother-of-pearl with a goatskin head (the sounding surface) and metal jingles or *zills*. Diameter 21.5 cm, nineteenth century AD. Purchased in Beirut from Dimitri Tarazi et fils, April 1902.

Harvard Museum of the Ancient Near East #1902.39.10



OPELT SIREN

In 1834 Friedrich Wilhelm Opelt discovered that when a perforated disk is rapidly rotated in front of a jet of air, the holes that interrupt the air stream produce a sequence of air puffs. The pattern determines the musical notes and chords that are heard. This disk links visual beauty to musical harmony. Rudolph Koenig, Paris, c. 1865.

Collection of Historical Scientific Instruments #1997-1-1018

Bluethroat Image (top): Shutterstock (Piotr Krzeslak)

All other images on this page: © President and Fellows of Harvard College

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HOW TO JOIN HMSC 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 Zoom link to the program within 48 hours. Click on this link in your email a few minutes before the program's starting time.
5. [Download the free Zoom app](#) in advance. Select "Zoom Client for Meetings."
6. Your audio and video settings are automatically disabled during the webinar providing 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 & BOOK PRESENTATION

Thursday, February 4, 6:00–7:00 pm ET

Advance Registration Required

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

From Conquest to Colony The Early Colonial Period in Peru



JEFFREY QUILTER

Associate, Peabody Museum of Archaeology & Ethnology

Peru's early colonial history is generally viewed from the perspective of the Europeans who invaded the region and documented their conquests. Recent archaeological studies, however, are revealing new insights into the experiences of Indigenous and other peoples who lived during this turbulent period. Archaeologist Jeffrey Quilter will discuss findings of

the first in-depth archaeological and historical study of a colonial Peruvian town documented in his new book, *Magdalena de Cao* (Peabody Museum Press, 2021) highlighting how they are advancing our understanding of encounters between Spaniards, Andeans, and others. Discoveries at Magdalena de Cao include everyday clothing, Chinese porcelains, playing cards, a letter written in a lost language, and the earliest human remains of an enslaved African in South America.

Please note that this program will feature images of human skeletal remains

Magdalena de Cao

An Early Colonial Town
on the North Coast of Peru

JEFFREY QUILTER EDITOR



Papers of the Peabody Museum of Archaeology & Ethnology

FREE VIRTUAL SPECIAL EVENT

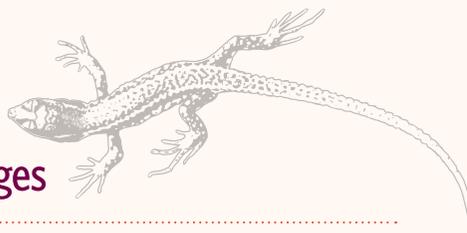
Friday, February 12–Monday, February 15. Daily at 1:00 pm ET

Advance Registration Required. Event details: hmsc.harvard.edu

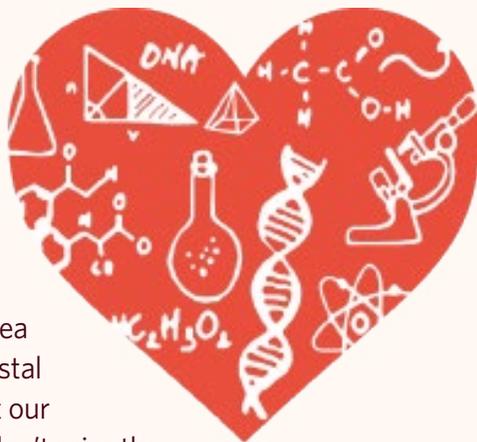
HARVARD MUSEUM OF NATURAL HISTORY

I ♥ Science

A Virtual Museum Festival for All Ages



Break out of the winter doldrums and welcome Harvard science into your home with an all-virtual I Heart Science featuring four days of live discussions by Harvard scientists and graduate students, at-home activities, and an enticing peek at museum specimens you may have been missing. This popular in-person museum festival for families and explorers of all ages has expanded from one to four days and moved online for 2021. Meet scientists who study how brains evolve, combat antibiotic resistance, or develop new battery technology. Try your hand at making a simple water-drop microscope, model buoyancy in deep-sea submarines, experiment with borax crystal formation, or get a rare in-depth look at our amazing moa skeleton. This February, don't miss the opportunity to fall in love...with the wonders of science!



FREE VIRTUAL MODERATED DISCUSSION

Thursday, February 25, 6:00-7:00 pm ET

Advance Registration Required

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

Reimagining Museums Disruption and Change



Responding to keen interest in last fall's *Reimagining Museums* event, we have invited the speakers to return and continue the conversation.

As museums acknowledge their legacy as colonial institutions, many are reimagining their mission as agents of decolonization and social justice. The pandemic, the Black Lives Matter movement, and other community issues continue to create opportunities for reflection and growth. How can American museums—especially those that have strong relationships with Indigenous communities—respond to current national conditions of social unrest and political turmoil? How have New England museums fared and what is likely to happen over the next two to three years?

Presented in collaboration with the Harvard University Native American Program

CHRIS NEWELL

Passamaquoddy
Executive Director and Senior
Partner to Wabanaki Nations,
Abbe Museum

JANE PICKERING

William & Muriel Seabury Howells
Director, Peabody Museum of
Archaeology & Ethnology
Harvard University

LORÉN SPEARS

Narragansett
Executive Director,
Tomaquag Museum

MODERATED BY

CASTLE McLAUGHLIN

Museum Curator of North
American Ethnography, Peabody
Museum of Archaeology &
Ethnology, Harvard University

FREE WITH MEMBERSHIP BEHIND-THE-SCREENS

Tuesday, March 2, 6:00–7:00 pm ET

Advance Registration Required: members@hmsc.harvard.edu

[Join today with our new \\$35 Digital Membership](#)

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

Discover Oceania with Ingrid Ahlgren

INGRID AHLGREN

Curator of Oceanic Collections, Peabody Museum of Archaeology & Ethnology

Join us for a casual evening of conversation with the Peabody Museum's Curator of Oceanic Collections. Ingrid Ahlgren stewards one of the largest and most historically significant collections in the U.S. from the Pacific Islands, Australia, and Aotearoa/New Zealand. Hear her share some of her recent work, including the exhibit *Uncovering Pacific Pasts* and the important roles that Harvard University and the state of Massachusetts have played in the history of Oceania. Ingrid will also discuss her upcoming collaboration with Pacific Islanders living in Utah.

Check the HMSC website for [Upcoming Members-Only Events](#)



FREE VIRTUAL LECTURE

Thursday, March 4, 6:00–7:00 pm ET

Advance Registration Required

HARVARD MUSEUM OF NATURAL HISTORY

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY



The Last Common Ancestor

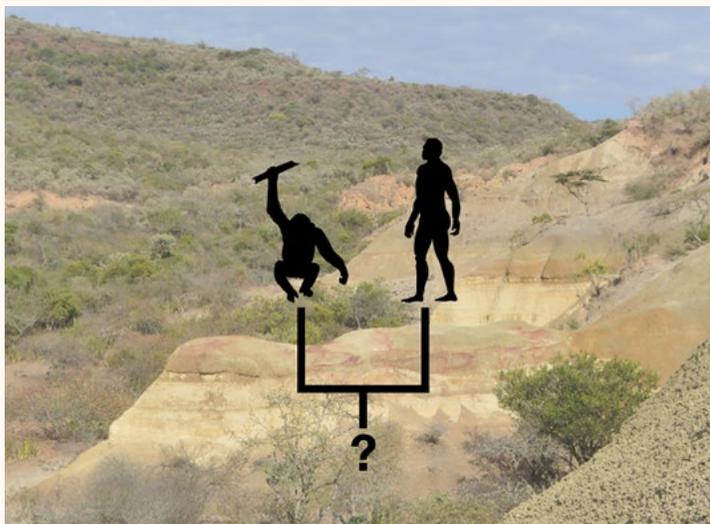
ASHLEY S. HAMMOND

Assistant Professor, Richard Gilder Graduate School
Biological Anthropology Curator, American Museum of Natural History

The last common ancestor of chimpanzees and modern humans is believed to have evolved in Africa six to eight million years ago. Finding fossil apes and hominins—extinct members of the human lineage—from this period has been challenging. Ashley Hammond will discuss her approach to identifying key evolutionary adaptations of this last common ancestor using 3D technology, analyses of known fossils, and field research at six-million-year-old sites in Kenya. Hammond's research aims to clarify the origins of bipedality, a key adaptation in human evolution.

Evolution Matters Lecture Series

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



FREE WITH MEMBERSHIP BEHIND-THE-SCREENS

Monday, March 15, 6:00–7:00 pm ET

Advance Registration Required: members@hmsc.harvard.edu

[Join today with our new \\$35 Digital Membership](#)

HARVARD MUSEUM OF NATURAL HISTORY

Not on Display!

Treasures of the Mineralogical & Geological Museum

DR. RAQUEL ALONSO-PEREZ

Curator, Mineralogical & Geological Museum, Harvard University



Visitors to the Harvard Museum of Natural History are dazzled by the Mineral Gallery's beautiful specimens, yet the gallery displays only a fraction of the entire collection. While each of the collection's 300,000+ specimens has great scientific value, a subset also has significant commercial value. Join Curator Raquel Alonso-Perez for a virtual behind-the-scenes visit to view specimens that, for security reasons, are not typically on display. You'll see a rare opal in matrix from Mexico, tourmalines from

the first pegmatitic discovery in the U.S., and crystalline gold, among other treasures. These objects have their own story and place in science. Don't miss this rare opportunity to see them up close.

Check the HMSC website for [Upcoming Members-Only Events](#)

FREE VIRTUAL LECTURE

Wednesday, March 17, 6:00–7:00 pm ET
Advance Registration Required

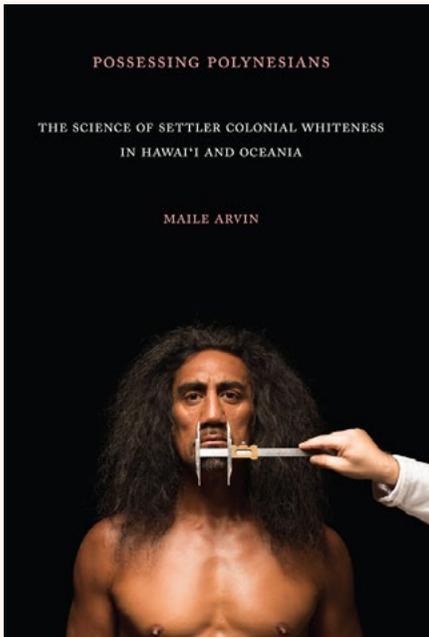
PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY



“The Polynesian Problem” Western Studies of Pacific Islander Origins

MAILE ARVIN

Assistant Professor of History and Gender Studies, University of Utah



“What is a Polynesian?” This is a question with a long and troubling history embedded in settler colonialism. From Europeans’ earliest encounters with the Pacific, White Europeans expressed a fascination and partial identification with the racial origins of Polynesians. Polynesians seemed to represent “natural man” in the purest state. In nineteenth- and early twentieth-century social-scientific studies, Polynesian origins became the subject of intense scrutiny and debate. Physical anthropologists such as Louis R. Sullivan declared Polynesians to be conditionally Caucasian. Maile Arvin will discuss this history from a Native Hawaiian feminist perspective, attentive to the ways Polynesians have challenged and appropriated such ideas.

FREE VIRTUAL LECTURE AND DISCUSSION

Wednesday, March 24, 4:00–5:30 pm ET

Advance Registration Required

HARVARD MUSEUMS OF SCIENCE & CULTURE



The Intentional Museum

American historian Christy Coleman is the distinguished lecturer for the 2021 Seminar in Innovative Curatorial Practice. Coleman is renowned for creating innovative, engaging, and inclusive museum exhibitions and programs that tell a comprehensive story of American history. In this program she discusses the power that museums have to engage with communities around topics that they truly value.

The Seminar in Innovative Curatorial Practice

Established in 2014, this is a partnership between the Harvard Museums of Science & Culture and the Harvard Art Museums. The program engages renowned scholars whose innovative and interdisciplinary practice challenges traditional approaches to exhibitions. These innovators share their work with the broader public through a lecture, and with Harvard students and faculty, through discussions focused on rethinking ways to integrate the university's art, natural history, science, and social science collections with the teaching and research mission of the university.

Presented in collaboration with the Harvard Art Museums and the Harvard Radcliffe Institute, as part of the presidential initiative on Harvard and the Legacy of Slavery.

CHRISTY COLEMAN

Executive Director,
Jamestown-Yorktown Foundation

MAKEDA BEST

Richard L. Menschel Curator
of Photography, Harvard Art
Museums, Harvard University

SVEN BECKERT

Laird Bell Professor of History
Harvard University

MODERATED BY TOMIKO BROWN-NAGIN

Dean, Radcliffe Institute for
Advanced Study; Daniel P.S. Paul
Professor of Constitutional Law,
Harvard Law School; Professor of
History, Harvard University

FREE VIRTUAL LECTURE

Thursday, March 25, 6:00-7:00 pm ET
Advance Registration Required

HARVARD MUSEUM OF THE ANCIENT NEAR EAST

Black Is Queen The Divine Feminine in Kush



SOLANGE ASHBY

Adjunct Professor, Department of Classics and Ancient Studies, Barnard College



The prominence of powerful goddesses and queens in the Nubian Kingdom of Kush (now Northern Sudan) highlights the unusually high status of women in this ancient African society and serves as a fitting focus for the study of female power in the ancient world. Using temple inscriptions found in Egypt and Nubia, the rich funerary goods found in royal burials, and temple and tomb imagery, Solange Ashby will discuss how ancient Africans of the Nile Valley understood female power and presence. Songs from Beyoncé's recent production "Black Is King" will be woven into this presentation on Kushite queens to emphasize the power and centrality of the African queen mother in her royal family and kingdom.

**Presented with support from the
Marcella Tilles Memorial Fund**

FREE WITH MEMBERSHIP FAMILY EVENT

Tuesday, March 30, 6:00–7:00 pm ET

Advance Registration Required: members@hmsc.harvard.edu

[Join today with our new \\$35 Digital Membership](#)

HARVARD MUSEUM OF NATURAL HISTORY

Family Fun: Animal Problem Solvers

JAVIER MARIN

Educator, Harvard Museum of Natural History

Animals develop special characteristics that help them survive in their environments. From keeping warm to staying hidden, animals solve problems every day. Have you ever thought about how we humans do the same?

Get ready for a lively night of fun, games, and surprises when Javier Marin transports you back inside the Harvard Museum of Natural History. He will broadcast from the galleries pointing out some of the ways animals adapt to challenges they face in the wild. Then, you will look through your own homes in a problem-solving scavenger hunt. Your family will work together as a team to find objects to share, answer trivia questions, and take part in other challenges. This interactive event is designed for children and adults to attend together and will be fun for all ages.

Check the HMSC website for
[Upcoming Members-Only Events](#)



FREE VIRTUAL MODERATED DISCUSSION

Thursday, April 1, 4:00–5:30 pm ET

Advance Registration Required

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

Race, Representation, and Agassiz's Brazilian Fantasy



How do we confront the history and legacy of Louis Agassiz's extensive archive of images of African and Indigenous Brazilians made in Manaus, Brazil in 1865 and housed at Harvard's Peabody Museum? Five distinguished panelists reflect on the historical moment when these pictures were taken, discuss racist displays of Indigenous people in Brazil and elsewhere, and, by bringing to light respect for different epistemologies, explore ways to contend with them today. Panelists will be writer and historian Christoph Irmscher (contributor to the recent Peabody Museum Press book about Agassiz images, *To Make Their Own Way in the World*), Brazilian performance artist and photographer Anita Ekman, literary critic Luciana Namorato, and Brazil's first Indigenous art curator Sandra Benites of the Museu de Arte de São Paulo (MASP).

Co-sponsored with the David Rockefeller Center for Latin American Studies, Harvard University

ILISA BARBASH

Curator of Visual Anthropology,
Peabody Museum of Archaeology
& Ethnology

SANDRA BENITES

Guarani Nãndeva
Adjunct Curator of Brazilian Art,
Museum of Art of São Paulo

ANITA EKMAN

Visual and Performance Artist

CHRISTOPH IRMSCHER

Director, Wells Scholars Program,
Provost Professor, Department of
English, Indiana University

LUCIANA NAMORATO

Associate Professor, Director of
Portuguese, Department of
Spanish and Portuguese,
Indiana University

MODERATED BY

ALEJANDRO DE LA FUENTE

Robert Woods Bliss Professor of
Latin American History and
Economics; Professor of African
and African American Studies and
of History, Harvard University

FREE VIRTUAL LECTURE

Thursday, April 8, 6:00–7:00 pm ET

Advance Registration Required

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

Stories of Women from Jaina Island Maya Figurines

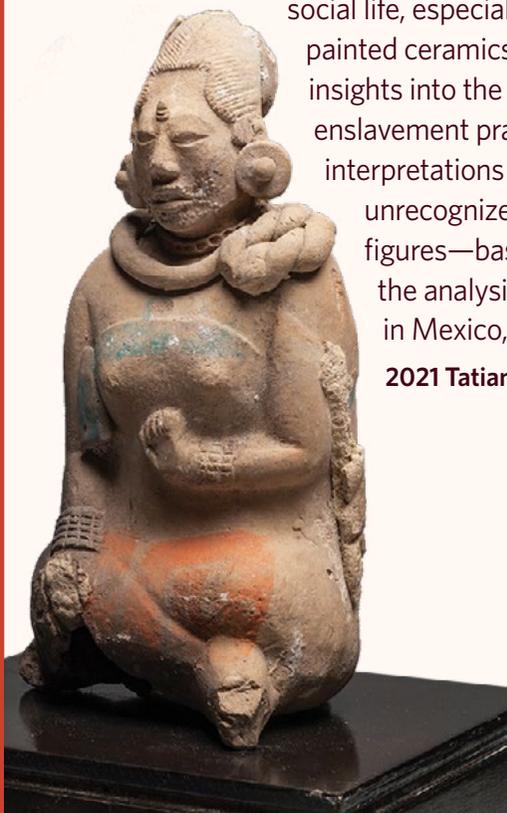


MARY MILLER

Director, Getty Research Institute

Maya female ceramic figurines from the island of Jaina in Campeche, Mexico, produced in the Late Classic Period (600–900 CE) are admired for their lifelike, poignant, and sometimes amusing characteristics. Long assumed to be elite women or moon goddesses, these figurines reveal a complexity of Maya social life, especially for women, that is rarely seen in other painted ceramics or monumental sculpture. They also offer insights into the culture of Jaina Island, including disturbing enslavement practices. Mary Miller will discuss various interpretations of Jaina figurines—including previously unrecognized roles and rituals for male and female figures—based on recent archaeological research and the analysis of hundreds of figurines from collections in Mexico, Europe, and the United States.

2021 Tatiana Proskouriakoff Award Lecture



FREE VIRTUAL LECTURE

Wednesday, April 14, 6:00–7:00 pm ET
Advance Registration Required

HARVARD MUSEUM OF NATURAL HISTORY



Body Builders How Animals Regenerate New Parts

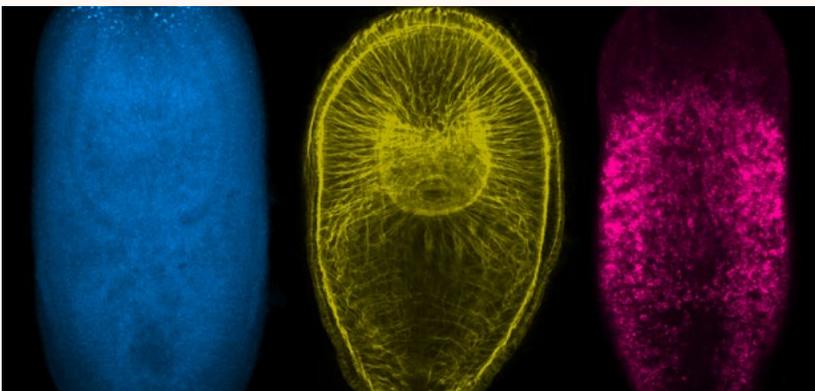
MANSI SRIVASTAVA

John L. Loeb Associate Professor of the Natural Sciences
Curator of Invertebrate Zoology, Organismic and Evolutionary Biology
Museum of Comparative Zoology, Harvard University

Regeneration is a remarkable phenomenon in which an animal can regrow parts of its body that are lost or damaged by injury. Humans, for example, can repair some organs, but some animals can rebuild their entire bodies from small pieces of tissue. How do these animals accomplish this feat? And why is it that humans cannot regenerate as well as these animals can? Studies of how regeneration works at the molecular and cellular level are beginning to answer the first question. To answer the second question, we have to understand how regeneration has evolved. Mansi Srivastava will highlight major insights about regeneration based on her team's research on the three-banded panther worm, a marine invertebrate species that enables us to study how regeneration works and how the process has evolved.

Evolution Matters Lecture Series

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



FREE VIRTUAL SPECIAL EVENT

April 19–23, Multiple offerings. Details: hmsc.harvard.edu

Advance Registration Required

HARVARD MUSEUM OF NATURAL HISTORY

A Week-Long Celebration of Earth Day

Join the Harvard Museum of Natural History in celebrating Earth Day with engaging sustainability-themed virtual events and activities for all ages. Engage in the conversation as Harvard students and experts weigh in on our most pressing environmental challenges, on cutting-edge research, and on promising paths to a more sustainable future. Introduce young minds to environmental science with our live museum animals and HMSC Story Time. Find out how to reconnect with nature and record the biodiversity in your local area. Or, simply indulge in our staff recommendations for environmental books, documentaries, and online resources.



FREE VIRTUAL LECTURE

Wednesday, April 21, 6:00–7:00 pm ET

Advance Registration Required

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY



The Dawn of Olmec Civilization

ANN CYPHERS

Archaeologist, Institute of Anthropological Research
National Autonomous University of Mexico

The hearth of Olmec civilization is located in the tropical lowlands of Mexico's southern Gulf Coast region, in the majestic archaeological site of San Lorenzo. The inhabitants of this first Olmec capital developed a distinctive geo-political territory and managed complex trade systems. The Olmec also created spectacular earthen architecture and magnificent stone sculpture—including the famous Colossal Heads—that reflect their stratified social organization and

centralized political system backed by religion and directed by hereditary rulers. Building on the pioneering work of Matthew Stirling in the 1940s and Michael Coe in the 1960s, Ann Cyphers will discuss recent investigations at San Lorenzo that shed new light on the dawn of Olmec civilization almost 4,000 years ago.

Eduardo Matos Moctezuma Lecture Series

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



VIRTUAL SPECIAL EVENT

Tuesday, April 27, 3:00–4:00 pm ET

Ages 5–7 (with an adult, if needed)

\$3 members / \$5 nonmembers. Advance Registration Required

PEABODY MUSEUM OF ARCHAEOLOGY & ETHNOLOGY

HARVARD MUSEUM OF NATURAL HISTORY

Flap, Hop, Caw

ANDY MAJEWSKI

Educator, Peabody Museum

Celebrate International Crow and Raven Appreciation Day by taking a virtual swoop through the Peabody Museum. These smart birds play games with each other, display anger and friendliness, and appear in cultural tales from around the world. Flap like a real raven with museum educator Javier Marin and learn more about the birds' characteristics. Find ravens drawn or carved in Alaskan Native art, enjoy a read-aloud Tlingit tale and make a paper craft with Andy Majewski.



FREE VIRTUAL LECTURE

Wednesday, April 28, 6:00–7:00 pm ET

Advance Registration Required

HARVARD MUSEUM OF NATURAL HISTORY



What Spiders Have to Say

PAUL SHAMBLE

John Harvard Distinguished Science Fellow, Harvard University

Consider the spider: eight legs, eight eyes, and a brain the size of a poppy seed. These are some of nature's most amazing and charismatic creatures, and yet we know so little about their worlds. Paul Shamble will discuss the lives, habits, and marvelous morphologies of these animals—from sensory structures and cognition to locomotion and behavior. Understanding these creatures helps us better understand evolution and diversity—and leads us to ask what it means that even tiny animals inhabit complex lives.

Evolution Matters Lecture Series

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



FREE VIRTUAL LECTURE

Thursday, April 29, 6:00–7:00 pm ET

Advance Registration Required

HARVARD MUSEUM OF THE ANCIENT NEAR EAST

Performance and Ritual in Ancient Egyptian Funerary Practice



MARIAM AYAD

Associate Professor of Egyptology, The American University in Cairo
Visiting Associate Professor of Women's Studies and Near Eastern Religions
Research Associate of the Women's Studies in Religion Program (2020-21),
Harvard Divinity School

One of the best documented Egyptian rituals—occurring in both cultic and funerary contexts—is known as the Opening of the Mouth ritual. Performing this ritual was believed to animate statues and temples, while also restoring the senses of the deceased, thus ensuring that they could eat, drink, and breathe in the afterlife. Textual and iconographic references to the ritual are found in different time periods, from the Old Kingdom through the Roman Period. In this lecture, Mariam Ayad uses the Opening of the Mouth ritual as a case study to illustrate the power of imagery and the efficacy of the spoken word as performative aspects of Egyptian funerary practice.



FREE VIRTUAL LECTURE

Wednesday, May 5, 6:00–7:00 pm ET
Advance Registration Required

COLLECTION OF HISTORICAL SCIENTIFIC INSTRUMENTS

“Light this Candle!” Sixty Years of Americans in Space



MATTHEW H. HERSCH

Associate Professor of the History of Science, Harvard University



On May 5, 1961, astronaut Alan Shepard became the first American in space, following cosmonaut Yuri Gagarin’s mission three weeks earlier. With the United States trailing the Soviet Union in spaceflight, President John F. Kennedy closely watched the launch of Freedom 7, eager for proof that America could match Soviet achievements. In his flawless performance, Shepard—whose position in the space program owed much to the work of Harvard-trained physicians—became the archetype of the American astronaut. In this talk, marking the 60th anniversary of the first American in space, Matthew Hersch will recount the events of Shepard’s flight and offer a discussion of astronaut selection, then and now.

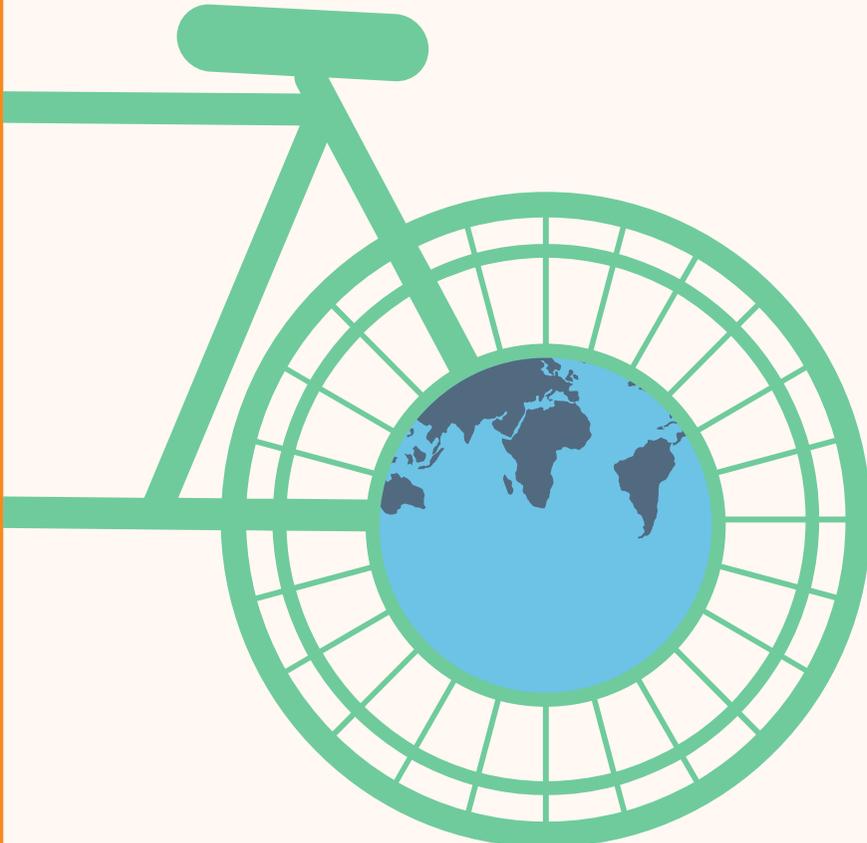
FREE VIRTUAL SPECIAL EVENT

Sunday, June 6. Details at hmsc.harvard.edu
Advance Registration Required

HARVARD MUSEUMS OF SCIENCE & CULTURE

World Bicycle Day Celebration

Human-powered transportation helps protect the natural world that we so proudly share with museum visitors. It can also contribute to health and wellness by offering a fun way to get moving. Join us for an afternoon dedicated to bicycles and get inspired for warm weather adventures on two wheels. Learn about the benefits of biking, get bicycling safety tips, find out about nearby bike routes, and take part in fun activities for the whole family.



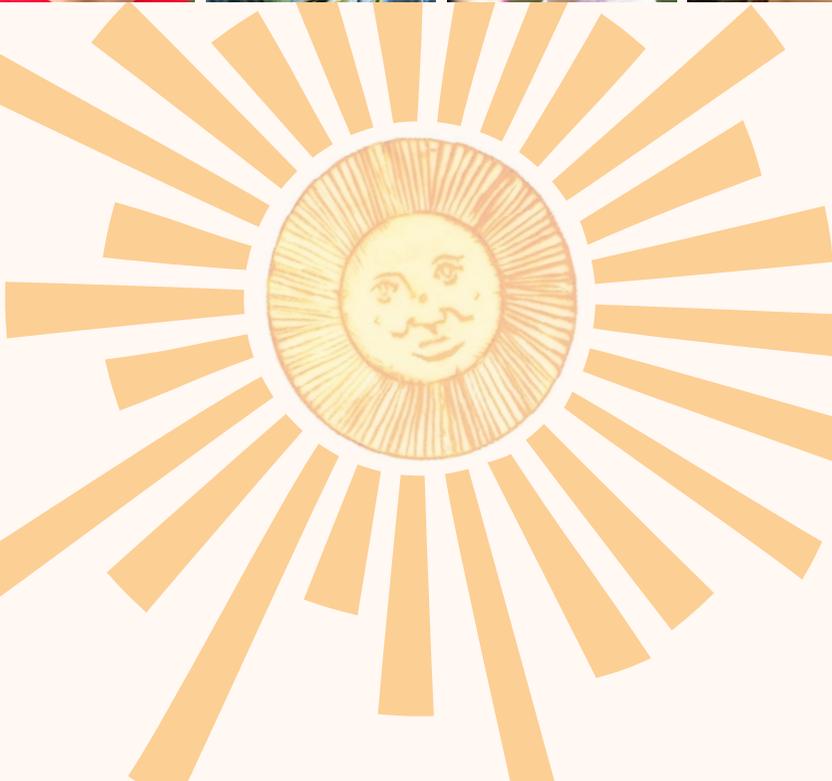
FREE VIRTUAL SPECIAL EVENT

Sunday, June 20. Details at hmsc.harvard.edu
Advance Registration Required

HARVARD MUSEUMS OF SCIENCE & CULTURE

Celebrate Summer Solstice 2021

Join us on Sunday, June 20 to learn about the scientific and cultural significance of the summer solstice, enjoy musical performances, and explore activities to do at home. Stay tuned for the full details!



SPRING 2021 LECTURE SERIES

EVOLUTION MATTERS



Thursday, March 4, 6:00–7:00 pm ET
THE LAST COMMON ANCESTOR
ASHLEY S. HAMMOND

Assistant Professor, Richard Gilder Graduate School
Biological Anthropology Curator, American Museum
of Natural History



Wednesday, April 14, 6:00–7:00 pm ET
BODY BUILDERS
How Animals Regenerate New Parts
MANSI SRIVASTAVA

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



Wednesday, April 28, 6:00–7:00 pm ET
WHAT SPIDERS HAVE TO SAY
PAUL S. SHAMBLE

John Harvard Distinguished Science Fellow
Harvard University

SERIES SUPPORTED BY A GENEROUS GIFT FROM DRs. HERMAN AND JOAN SUIT

HARVARD MUSEUM OF NATURAL HISTORY

HMSC HARVARD MUSEUMS OF SCIENCE & CULTURE

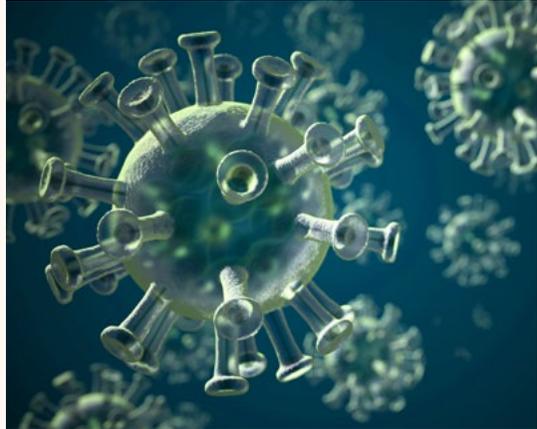
ONLINE EXHIBIT SPOTLIGHT

[Available online now!](#)

HARVARD MUSEUM OF NATURAL HISTORY

A World of Viruses

They are all around us, and while undetectable by the human eye, the evidence of their existence and activity is everywhere! *A World of Viruses*—the latest online installment in our HMSC Connects! Exhibit Spotlight series—examines how viruses affect, infect, and otherwise interact with humans and all life on Earth. Did you know that viruses are tinier than bacteria? That they come in a variety of shapes? That they are incapable of reproducing on their own? Learn how viruses infect living cells. Find out how Harvard scientists study and use viruses, and why they continue to debate whether these perplexing particles are “alive” at all! Don’t miss this intriguing inside peek at the inner workings of an unseen world.



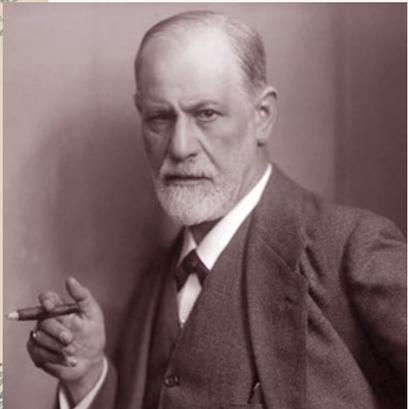
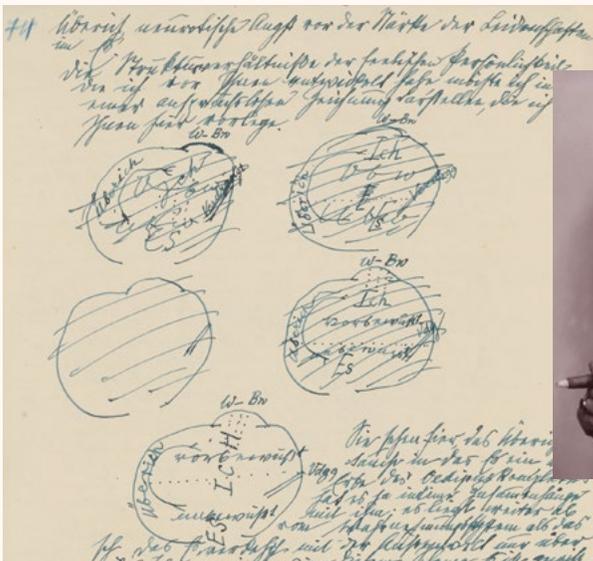
ONLINE EXHIBIT & PANEL DISCUSSION

Wednesday, February 17, 12:00 pm ET
Advance Registration Required

COLLECTION OF HISTORICAL SCIENTIFIC INSTRUMENTS

The Interpretation of Drawings Freud and the Visual Origins of Psychoanalysis

Get into the head of one of the most famous figures in the history of psychological thinking! *The Interpretation of Drawings* is an upcoming online exhibit from the Collection of Historical Scientific Instruments that will explore the role of Freud's drawings and art collection in the development of his psychoanalytic theories. Virtual visitors are invited to experience Freud's work process as he develops novel approaches to understanding both mind and self. The exhibit launches on February 17, 2021, at 12:00 pm with an online panel discussion featuring noted Freud scholars. Together, they will offer an intimate encounter with Freud's rarely seen drawings and sketches and provide new insights into the man and mind behind some of the most influential and debated therapeutic techniques ever developed.



ONLINE EXHIBITS AND MORE

New perspectives and behind-the-scenes takes on our galleries and exhibits

HARVARD MUSEUMS OF SCIENCE & CULTURE

New Virtual HMSC Museum Tours



You may have already enjoyed virtually exploring the exhibit galleries at the Harvard Museum of the Ancient Near East. For 2021, HMSC is pleased to announce a new initiative to expand these virtual gallery experiences to all four public museums. The first of these new virtual tours, *Nature as Artist*, will be available for the Harvard Museum of Natural History in mid-February. In addition, guided virtual tours of the Ware Collection of Blaschka Glass Models of Plants, also known as the “Glass Flowers,” will be available for both group and individual bookings. Throughout 2021, watch for announcements and check our websites as additional public, self-guided offerings come online for all of the HMSC museums.

HMSC Connects! Podcast



This lively podcast, hosted by Jennifer Berglund, goes behind-the-scenes of HMSC museums to talk with the scholars, researchers, collection keepers, exhibit designers, and other fascinating individuals who keep the museums humming along and create a compelling array of exhibits and programs.

VIRTUAL DRAWING CLASSES

Instructor: Artist and Educator Erica Beade

Advance Registration Required

HARVARD MUSEUM OF NATURAL HISTORY



Drawing on Nature

Three Wednesdays from 9:30-11:30 am: January 27, February 3, and February 10

\$90 members / \$105 nonmembers

In this three-session, six-hour online course we will focus on a variety of natural subjects from botanicals to shells and stones. Erica Beade will introduce students to techniques to achieve greater accuracy, capture shading and texture, and explore color with colored pencils. Groups will be limited to ten, allowing ample time for individual feedback. All skill levels are welcome.

Drawing Birds

Wednesday, February 24, 9:30-11:30 am \$30 members / \$35 nonmembers

Capture the beauty of birds with pencil and paper in this online workshop. We will explore avian anatomy, step-by-step methods for developing bird drawings, and techniques for drawing feather textures. Group will be limited to ten, allowing ample time for individual feedback. All skill levels are welcome.

Drawing Plants and Flowers

Saturday, March 13, 9:30-11:30 am \$30 members / \$35 nonmembers

Capture the beauty and variety of plant forms with pencil and paper in this online workshop. We will explore botanical drawing techniques through close observation and practice creating contour, gesture, foreshortening, and shading. Group will be limited to ten, allowing ample time for individual feedback. All skill levels are welcome.

VIRTUAL DRAWING CLASSES

Instructor: Artist and Educator Erica Beade
Advance Registration Required

HARVARD MUSEUM OF NATURAL HISTORY



Drawing Plants and Flowers in Colored Pencil

Saturday, March 27, 9:30-11:30 am \$30 members / \$35 nonmembers

In this online workshop 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. Group will be limited to ten, allowing ample time for individual feedback. All skill levels are welcome.

Nature Journaling for Families

Saturday, April 17, 9:30-11:30 am \$30 members / \$35 nonmembers

Exploring the natural world together is a wonderful family experience. Bringing along a sketchbook can enrich that experience, providing opportunities for closer observation and leading to great conversations, questions, and discoveries. Erica Beade will introduce a variety of approaches in this fun hands-on workshop. Note that participants will be asked to gather a small assortment of natural objects before the program. *Each registration: one adult and child or children sharing the same screen.*

Drawing Trees

Wednesday, April 28, 9:30-11:30 am \$30 members / \$35 nonmembers

Explore the variety and elegance of tree forms using pencil and paper. We will focus on capturing the shapes and volume of trunks and branches and techniques for drawing foliage in this online workshop. Group will be limited to ten, allowing ample time for individual feedback. All skill levels are welcome.

VIRTUAL AFTER-SCHOOL SPECIAL EVENTS

Once each month from February–May, 3:00–3:45 pm ET
Advance Registration Required

HARVARD MUSEUM OF NATURAL HISTORY

After-School Animal Encounters



Are you curious about why or how certain animals lose their tails? Do you ask yourself how animals get around with no legs or a hundred legs? Are you the kind of person who wonders what a giant frog eats when you sit down for a meal? Get the answers to these questions and more as human museum staffers Javier and Ryan introduce you to several live animals. Each month we will discuss a different theme while feeding and interacting with some of the museum's incredible animals!

- **DEFENSE:** Tuesday, February 2, 3:00–3:45 pm
- **WEIRD EATERS:** Wednesday, March 3, 3:00–3:45 pm
- **HUMANS AND ANIMALS:** Tuesday, April 20, 3:00–3:45 pm
- **MOVEMENT:** Wednesday, May 19, 3:00–3:45 pm



NEW DIGITAL MEMBERSHIP LEVEL

The new HMSC membership level provides free access to members-only online events such as our exclusive Behind-the-Screens Series. This level also offers discounts on other virtual HMSC programs and classes. Once the museums reopen, you can upgrade your membership to receive additional benefits such as unlimited free admission to all HMSC museums and invitations to exclusive in-person events. Join today!



BEHIND-THE-SCREENS

Tuesday, March 2, 6:00-7:00 pm ET

Discover Oceania with Ingrid Ahlgren

Ingrid Ahlgren, Curator



BEHIND-THE-SCREENS

Monday, March 15, 6:00-7:00 pm ET

Not on Display!

Treasures of the Mineralogical & Geological Museum

Dr. Raquel Alonso-Perez, Curator



FAMILY EVENT

Tuesday, March 30, 6:00-7:00 pm ET

Family Fun: Animal Problem Solvers

Javier Marin, HMNH Educator

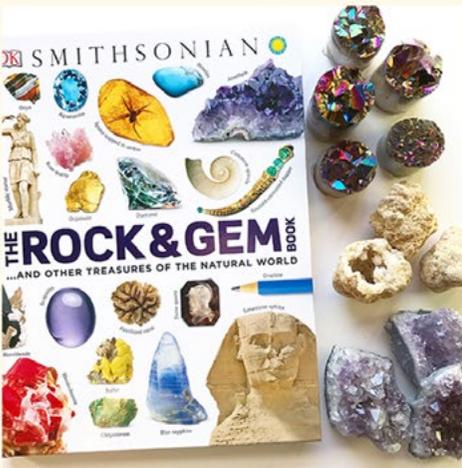
SUPPORT FOR HMSC

[Make your secure tax-deductable gift today](#)

Since March 2020, HMSC staff members have been creating a roster of engaging digital activities, online exhibitions, and virtual educational programs to bring the museums to our community 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 today. Thank you for your support!

The Shop at HMNH

Inspired by
the museum
collections



Though we are not open to the public we can still help you find the perfect item from the museum shop. We're here to answer questions, send photos, or even set up a virtual shopping appointment.

[For details, visit \[hmn.harvard.edu/shop\]\(http://hmn.harvard.edu/shop\)](http://hmn.harvard.edu/shop)

HMSC members receive a 10% everyday discount and 25% off during December.

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- Page 24. Left: Sigmund Freud, Preparatory and final drawing for the structural model of the ego/id/superego, "New Introductory Lectures on Psychoanalysis" [1932] (*Neue Folge der Vorlesungen zur Einführung in die Psychoanalyse*). Typewritten and Holograph Manuscript, Library of Congress.
- Right: Library of Congress, Prints & Photographs Division, Sigmund Freud Collection, [LC-USZ62-73426] Freud by Halberstadt, Max (c. 1921).
- Page 25. Left: Elizabeth Bangs Bryant, courtesy, Ernst Mayr Library and Archives of the Museum of Comparative Zoology, Harvard University. Right: Jar of spider specimens collected and catalogued by Elizabeth Bangs Bryant, Department of Invertebrate Zoology, Museum of Comparative Zoology. Courtesy of the Museum of Comparative Zoology. © President and Fellows of Harvard College
- Page 27 and 28. Colored-pencil drawings by Erica Beade