



umaine.edu/hudsonmuseum

Emera Astronomy Center



The Emera Astronomy Center houses Maine's largest planetarium and features the state's only digital full-dome facility, with a 10-meter dome and seating for 50. In addition to the planetarium, the center has a multipurpose room for hands-on activities, a gift shop with a variety of educational items, and two observatories.

The center offers 40 different full-dome planetarium programs on astronomy and numerous other sciences for all ages. Some of our new titles for 2018 year include "The First Stargazers, Explore!", "We Are Astronomers", and "Cell! Cell! Cell!" A full list of our programs is available at <http://astro.umaine.edu/visit/planetarium-programs/>

Fieldtrips are tailored to school curriculum and public programs engage the whole family. From traveling through the solar system to exploring chemical elements and inside the human body, the planetarium provides children and adults with an inspirational educational experience.

For information or to schedule a field trip, visit astro.umaine.edu or call 207.581.1341.

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For more information or to request a disability accommodation, call the Hudson Museum, 207.581.1904; Page Farm and Home Museum, 207.581.4100; UMaine Museum of Art, 207.561.3360; or the Collins Center for the Arts, 207.581.1755.



Explore Maya Cosmology through Visits to the Hudson Museum and The Emera Astronomy Center

This spring, the Emera Astronomy Center will be featuring a new star show, *Mayan Archaeoastronomy: Observers of the Universe* and the Hudson Museum will feature its Maya holdings for a special Maya tour for students in grades 5 and up.

Among the collections of the Hudson Museum are an extraordinary assemblage of Maya artifacts that feature cosmic imagery. Works in the Hudson's collections include images of Balam, the jaguar's whose spots are stars and the ciba tree which is the symbol of the universe. The tree's roots extend into the Underworld, represented by bats, the trunk represents the world where the Maya live. The branches symbolize the thirteen levels of the heaven. On artifacts, feathered serpents depict the god of wind, sky and sun. Look for Chac, the god of rain-all important in ensuring a successful harvest and the perpetuation of life; the Sun God brings light and the Moon Goddess brings fertility to the world. Images of rulers adorn many of the works at the Hudson. Court rituals, including musicians, warriors and priests are depicted on Maya cylinder vases. Their world

revolved around a complex calendar which features a 365-day solar year, a 260- day sacred calendar and twenty day names with the same date occurring once every 52 years—a Maya century. In conjunction with a visit to the Hudson Museum, students may attend a star show at the Emera Astronomy Center, *Mayan Archaeoastronomy: Observers of the Universe*. Using spectacular visuals and stunning sound, audiences tour six ancient Mayan temples: San Gervasio, Chichen Itzá, Uxmal, Edzna, Palenque, and Bonampak. Along the way they dive into Mayan knowledge of the sky exploring the movement of the Sun, the Moon and Venus. Find Balam the Jaguar constellation and explore how the Mayan's created a calendar more accurate than the one we use in modern times. Journey back in time to explore how Through this show, students will learn how the Maya used the sky to understand their world and their place in it.

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Education news from the Hudson Museum

Hello again! Over the course of the fall I have had the extreme pleasure of meeting many of you and your students here at the Hudson Museum and I am looking forward to meeting more of you as we move into 2018.

In the Fall newsletter, I wrote about how my doctoral research allowed me to provide context for our collections, giving your students a greater understanding of the objects on display. What I was not expecting was how your students would ask questions and provide feedback during tours and activities that would expand my understanding and thinking about our collections and exhibits. It has been such fun interacting with them! Please keep the tours coming!

We are incredibly excited about our Fourth Annual Archaeology Day event in MARCH. Over the past three years, this event has been my introduction to bringing this fascinating field to middle school students and I am looking forward to seeing you all this year as well!

While we wait out the winter, please remember to make use of online educational resources (umaine.edu/hudsonmuseum). You can find videos and curricula, request exhibits for your classroom, even explore our collections! Once the snow melts and the roads clear, I hope to see you here!

Sky Heller
581.1906
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Hudson Museum Gallery Programs

Hudson Museum offers guided tours and gallery programs for elementary and secondary school groups, as well as programs for university students and learners of all ages. Additionally, it offers programs that support state-mandated educational initiatives. Fees for programs are \$2 per student.

All groups visiting the museum must call in advance to confirm space and schedule availability. To arrange a visit, call 581.1906.

Bus Information: Buses should arrive on campus at least 10 minutes before the tour time. Notice is given to the person in charge of transportation for the school that buses should enter campus at Rangeley Road off Route 2 and park in the Belgrade Lot. Students will not be allowed to be discharged except in Belgrade Lot.

Maine Indians Program

Learn about the material culture of Maine's four tribes, focusing on birchbark work, basketry and decorative traditions. Listen to a traditional Penobscot tale; play *Waltes*, a Northeastern bowl and dice game; watch artists gather and prepare materials and make art forms; and make a bookmark or traditional container.



Prehispanic Cultures of Mesoamerica

Learn about the civilizations that flourished in Mesoamerica before 1492, through the museum's artifacts from the William P. Palmer III Collection. From Olmec to Aztec, this collection is unrivaled in the region and provides students with the opportunity to experience rich cultural traditions.



World Cultures

Learn how cultures around the world are similar and different, how they solve basic issues and how their environments impact their solutions.



Explore Archaeology

Excavate the only indoor archaeological site in Maine in the comfort of the Hudson Museum. In the museum's Arch Box, students learn about techniques that archaeologists use to understand the past. They'll record and identify artifacts, map their locations, understand their context and determine what types of activities took place at the site. This is designed for 8 to 10 students and requires at least an hour. Appropriate for students in grades 3 and above.

Hudson Museum Classroom Exhibits

Resource-rich classroom exhibits from the Hudson Museum stimulate the study of fine arts, language arts and social studies through mini-exhibits, cultural artifacts and resource materials. For a rental fee, classroom exhibits are available for two-week loan periods. The fee includes one-way shipping. Borrowers are responsible for return UPS shipping expenses. **To book these exhibits, call 581.1906.**

Exhibits include:

Cedar and Sea

Based on the museum's former exhibit, "Cedar and Sea: Peoples of the Northwest Coast," this kit includes a three-panel display highlighting the environment, traditions and people of the Native Northwest, from Washington state to Alaska. Educational materials include videos, books, games and activities that illustrate traditional life. A teacher's manual is included. It has background information, an explanation of materials, lesson extension ideas and information on how it helps meet the Maine State Learning Results. Fee: \$35

People of the Dawn: Past and Present

Native peoples in Maine were, and continue to be, significant elements in the state's multicultural population. The display panels showcase drawings, as well as historic and contemporary photographs, that illustrate life from A.D. 1600 to the present. The exhibit includes hands-on materials, examples of Maine Indian basketry, birchbark work and other art forms, reference books, videos and tapes. Fee: \$45

Three Arctic Visits

Based on the museum's former exhibit, "Arctic Visits: Three Journeys of Discovery to Native Communities," this

kit includes a three-panel mini-exhibit and a wide range of educational materials. There are a library of Arctic books appropriate for school use, videos and hands-on materials, including an inukshuk kit. A notebook of projects and resource materials to meet Maine State Learning Results goals is included for educators. Fee: \$45

Penobscot Images: Early 20th-Century Photographs by Frank G. Speck

Anthropologist Frank Speck studied Native North Americans and his photograph collections document the lifeways of Penobscot people in the early 20th century. This exhibit consists of 13 black-and-white photographs. Fee: \$25

In Beauty and Harmony: The Navajo and Their Textiles

This exhibit showcases Navajo weaving and material about other aspects of Navajo culture and traditions. Books, videos and reference materials, as well as Navajo textiles and weaving tools, are included. Fee: \$45

The Maya

The Classic Period of ancient Maya civilization saw the establishment of extensive settlements and the development of astronomy, art, architecture and writing. Artifacts include a dance mask, textiles, musical instruments and ceramics. Videos, reference materials and a backstrap loom are included. Fee: \$45

Seeds of Change

This exhibit, based on the original Smithsonian exhibit commemorating the 500th anniversary of European contact with the New World, includes 50 posters detailing consequences of contact. A video and resource materials are included. Fee: \$35



Charles C. Mann Lecture

Tuesday, March 27 at 7 p.m.
Hutchins Hall, Collins Center for the Arts

Charles C. Mann is the author of *1491: New Revelations of the Americas Before Columbus*, which won the U. S. National Academy of Sciences' Keck Award for best book of the year and *1493: Uncovering the World That Columbus Created*, a New York Times bestseller. *1491* combines science, history, and archaeology to radically transform our understanding of the Americas before European contact. Mann challenges the view that the New World was sparsely populated and technologically underdeveloped. The civilizations of Mesoamerica lived in cities larger in population and scale than those of Europe, had running water and sewage systems, and genetically modified corn to improve yields as well as create species that thrived in a variety of ecosystems. *1493* looks at the aftermath of exchange—plants, animals and microbes-- and the impact of contact on Europe, China and Africa. New crops, like the potato and corn, travelled to fields around the world and allowed for rapid population increase. In some cases, dependence on this new crop as a staple resulted in famines, such as the Irish potato famine. Mann's works are thought provoking and inform not just the past, but the future. Mann's books *1491*; *1493* and his latest book, *The Wizard and the Prophet* (2018) will be available for sale and autographing following the lecture.



4th Annual Archaeology Day

Thursday, March 29, 2018. 10:00 - 11:30 a.m.

The Hudson Museum in collaboration with the Anthropology Department will host an Archaeology Day on Wednesday, March 28th. During their visit to campus, students will rotate through 4 stations, which will be located in either the Collins Center for the Arts, home to the Hudson Museum or in South Stevens Hall, home to the Anthropology Department. Due to overwhelming interest last year, we are happy to announce we have expanded our event to accommodate more participants! Students will rotate through 4 stations in one of two available programs: Archaeological Objects and Images or Archaeology: Field and Lab. We will try to honor requests for a specific program on a first-come, first-served basis as long as space allows, so register early!

To attend, you must preregister by calling 581-1904. The program is limited to 200 Middle School students in 8 groups of 25 each.



New Field Trip Funds for UMaine Museums

Minsky Field Trip Fund for the Hudson Museum

The Minsky family is generously sponsoring a field trip fund, which will provide support for elementary and secondary school groups of 20 or more students, coming for guided tours and programs at the Hudson Museum. Grants are for \$150 and are reimbursements for travel expenses and/or tour fees.

Funds will support museum field trips for schools in Penobscot, Piscataquis, Washington, Waldo, Hancock and Aroostook counties. Applications are available online (umaine.edu/hudsonmuseum).

Ploch Family Field Trip Fund for the Page Farm and Home Museum

The Ploch family, in memory of early museum volunteer Lou Ploch, is providing grant funding to support field trip experiences for elementary and secondary school groups in southern Penobscot, Piscataquis, Somerset, Waldo, Washington and Hancock counties, visiting the Page Farm and Home Museum.

Schools are eligible to receive funding to offset field trip costs, including transportation and museum program fees. Grant awards are for up to \$100 and are for the current academic year. To obtain an application, or for more information, visit umaine.edu/pagefarm or call 581.4100.

Collins Center for the Arts

Student pricing and group discounts of 15 percent for parties of eight or more on select shows. For more information, visit collinscenterforthearts.com or call 581.1755.



Erth's Dinosaur Zoo Live Sunday, March 4, 3 p.m.

Tour Prehistoric Australia, where you will meet and interact with amazingly life-like dinosaurs and other creatures. This theatrical performance will thrill and entertain kids, while stimulating their imaginations.

Special ticket price of \$14 for K-12 students



Ukulele Orchestra of Great Britain Friday, April 12, 8 p.m.

The Ukulele Orchestra of Great Britain was formed in 1985, as a bit of fun, but has become an instant sellout. The current ensemble has been performing together for over 20 years and has become something of a national institution.

Special ticket price of \$10 for K-12 students



Goitse Wednesday, March 14, 7 p.m.

This popular and award-winning quintet has made a name for themselves as one of the most sought after bands playing Irish traditional music.

Special ticket price of \$10 for K-12 students



Steep Canyon Rangers Saturday, April 21, 8 p.m.

Steep Canyon Rangers is an American bluegrass band that is widely known for collaborating with actor/banjoist Steve Martin. The group won a 2013 Grammy Award for Best Bluegrass Album for Nobody Knows You.

Special ticket price of \$10 for K-12 students



The Bible (abridged) Saturday, March 24, 8 p.m.

The Reduced Shakespeare Company romps through old-time religion through their affectionate, irreverent roller coaster ride from fig leaves to final judgment..

Special ticket price of \$10 for K-12 students



Young People's Concert Monday, May 21, 11:30 a.m.

The Bangor Symphony Orchestra invites students in grades three through eight to attend this year's annual youth concerts at the Collins Center for the Arts. The hour-long education and music program is supplemented with an instructional packet for students and teachers providing information about the orchestra and the selections that will be featured. Concerts are open to public, private, and homeschooled children. Tickets are \$3 each for students and teachers

Page Farm and Home Museum Pathways to the Past



All museum programs have been developed to satisfy standards set by 2007 Maine Learning Results updated in 2011 to reflect the Common Core standards.

The Page Farm and Home Museum at the University of Maine is the steward of one of the state's most important collections representing 19th and 20th century rural life. From farming equipment and implements illustrating agricultural methods and technologies, to a stunning collection of decorative objects, art and furniture adorning Maine homesteads, the Page Museum vividly illustrates Maine's agrarian roots and family life. In addition to its collections, the museum's comprehensive and engaging educational and experiential learning programs offer scholars an accurate view of the state's industry, agriculture, economy, decorative arts and homelife from the period.

Field trip experiences cost \$2 per person, with one free chaperone accompanying every 10 students. Book two weeks in advance by calling 581.4100.

The Folk on the Farm — Tour the White Farm Barn, including the kitchen, parlor, bedroom, general store and folk art exhibitions. This program illustrates the roles individual members played within the family and includes examinations of division of labor by gender, family traditions, seasonal practices, cultural values, food and clothing trends. Students gain a deeper understanding of the differences in the day-to-day family life of a pre-World War II family and family life today.

Do and Discover — Students embark on an exciting journey of discovery throughout the museum, drawing on clues to locate exhibitions and access information on key concepts involving the artifacts and folkways presented. Working together, students accomplish tasks and communicate their interpretations of the exhibitions. Challenge activities are now included.

Simple Machines — Pulley, wheel, inclined plane, screw, wedge and lever. Tour simple machines in the home and on the farm before the advent of electricity. Students use artifacts to demonstrate how simple machines functioned to make life easier.

School Days, School Days, Dear Old Golden Rule Days — Seasonally, students visit the former Holden South District schoolhouse and learn what it was like to attend a one-room schoolhouse in 1867. The day includes morning and afternoon lessons, recess and recitations.

Fiber Maine-ia Outreach kit — Fiber Maine-ia is available to teachers for classroom use for up to two weeks. The kit offers lessons and materials to support investigation of fiber farming and textile traditions in Maine. Through a series of activities, K–8 students will learn about Maine's fiber animals and fiber farms. Participants will experience a variety of processes for transforming raw fiber into finished products, as they explore the cultural influences that shaped tools and techniques for braiding, handspinning, weaving, felting and other arts applications essential to Maine's vibrant fiber history and current economy. The \$50 rental fee includes one-way shipping via UPS. Schools are responsible for return shipping costs or delivery.

UMaine Museum of Art

Tuesday–Saturday, 10 a.m.–5 p.m.

University of Maine Museum of Art
40 Harlow St., Bangor



Exhibitions

Jan. 12–May 5, 2018

- Craig Taylor: *The Elastic Cache*
- Andrea Sulzer: *Entangled Pairs*
- Caleb Charland: *Shadows of Earth*
- Poogy Bjerkli: *Nowhere in Particular*

Education programs:

- **Sketchbook Sessions:** Fridays, 3:30–5 p.m., BYO drawing materials, adults and grades 6+
- **Brainy Art:** Feb. 6: with Penobscot Theatre, April 10: with Bangor Ballet, 5:30–7:30 p.m. \$5 suggested donation, age 21+
- **Valentine Making:** Feb. 10, 11 a.m.–3 p.m. free and open to the public
- **Winterfest Activity:** Feb. 17, 11 a.m.–3 p.m. free and open to the public
- **Winter Art Camp:** Feb. 19–23, 8:30 a.m.–noon \$110 for museum members, \$125 for non-members
- **Maine Science Fair:** March 15–18
- **Maine Science Fair Activity at UMMA:** March 11, 11 a.m.–3 p.m. free and open to the public
- **Art in the Heart Student Art Show at the Bangor Mall:** March 15–18
- **Mall Show Selections, UMMA Lobby:** April 5–21
- **Spring Art Factory:** May 5, 11 a.m.–3 p.m. free and open to the public, in conjunction with Downtown Kids Festival

Schedule a field trip to the University of Maine Museum of Art. Tours are hosted by a professional museum educator, and may include gallery and studio activities. Give your students the opportunity to view original artwork in the galleries, learn museum etiquette and see the behind-the-scenes workings of a museum.

Museum visits last approximately an hour and a half. The museum can accommodate 35 students per tour, and 16 students for classroom activities. Provide one chaperone for every 10 students. The programs are free thanks to the generous support of the University of Maine Patrons of the Arts in honor of Vincent A. Hartgen.

For more information about these programs or to schedule a visit, contact:

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Bangor, ME 04401
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Free admission to the University of Maine Museum of Art in 2017–2018 is made possible by a generous gift from Deighan Wealth Advisors.



Lord Hall Gallery of Art

Gallery hours:
9 a.m.–4 p.m. weekdays

2017–18 Exhibitions

- **UMaine Department of Art Senior Student Exhibition**
Dec. 1–Feb. 2
- **Featured Faculty/2018**
Feb. 16–March 16
Reception: Feb. 16, 5:30–7 p.m.
- **UMaine Department of Art Juried Student Exhibition**
April 6–May 4
Reception: April 6, 5:30–7 p.m.
- **Without Borders XIII**
May 18–June 29
Reception: TBA
- **Andy Mauery: devolve**
July 20–Sept. 21
Reception: Sept. 14, 5:30–7 p.m.
- **Elin o'Hara Slavick: Blue Traumas**
July 20–Sept. 21
Reception: Sept. 14, 5:30–7 p.m.

In addition to exhibitions held in Lord Hall, the Lord Hall Gallery oversees exhibitions of student work throughout campus. For more information, call 581.3245.

Free, open to the public and handicapped accessible.