

2014 Noyce Conference Museum Tours for Scholars and Fellows

Wednesday, June 18th – Please meet the tour guides at the Noyce Conference registration desk PRIOR to 3:00PM. The tours will leave at precisely 3:00PM.

Location: Smithsonian Museum of Natural History

Date/Time: June 18th, 3:30 – 5:00PM

Description: Q?rius is a new way for teens and tweens – and their families and educators – to connect science with everyday experiences. With a name chosen to inspire curiosity and the excitement of discovery, Q?rius is a first-of-its-kind interactive and experimental learning space that brings the unique assets of the Smithsonian's National Museum of Natural History – the science, researchers, and collections – out from behind the scenes. The museum remains open until 7:30 pm and you are welcome to stay after the tour to explore further.

Cost: Free

Group Limit: 20

More Information: <http://www.mnh.si.edu/exhibits/>

Location: Smithsonian National Air and Space Museum

Date/Time: June 18th, 3:30 – 5:00PM

Description: Join experts from the Smithsonian's National Air and Space Museum as you explore several galleries, including: How Things Fly—How does an airplane stay aloft? Why doesn't an orbiting spacecraft fall to Earth? Investigate how the forces of flight affect everything flying in Earth's atmosphere and beyond in the Museum's only completely hands-on gallery. Moving Beyond Earth—Why did the shuttle have a wing? Are astronauts truly weightless in space? Explore the story of human spaceflight during the shuttle era and learn about the possibility of future space exploration. Time and Navigation—If you want to know where you are, you need an accurate clock. Discover how revolutions in timekeeping over the past three centuries have influenced the manner in which we find our way around the world. Wing Design—Wings come in many shapes and sizes. Examine elements of engineering design that have affected flight from the Wright Brothers to the mid-20th century. Finally, the education experts at the Museum will explain the wealth of online resources available for you to use in your classroom.

Cost: Free

Group Limit: 20

More Information: <http://www.nasm.si.edu/exhibitions/>

Location: International Spy Museum

Date/Time: June 18th, 3:30 – 5:00PM

Description: The International Spy Museum is the only public museum in the United States solely dedicated to espionage and the only one in the world to provide a global perspective on an all-but-invisible profession that has shaped history and continues to have a significant impact on world events. The Museum focuses on human intelligence and reveals the role spies have played in world events throughout history. Spying and intelligence is both multidisciplinary and interdisciplinary. Use intelligence as a lens to examine history, science, mathematics, English language arts, and art and design. The International Spy Museum is committed to providing unique and engaging resources for teachers and students. Explore the museum's exciting field-trip opportunities (both onsite and digital), and exportable resources such as lesson plans, simulations, an extensive SPY bibliography, Language of Espionage glossary, podcasts, and much more!

Cost: Free

Group Limit: 20

More Information: <http://www.spymuseum.org/>

Location: National Geographic Museum

Date/Time: June 18th, 3:30 – 5:00PM

Description: The National Geographic Society has been inspiring people to care about the planet since 1888. It is one of the largest nonprofit scientific and educational institutions in the world. Its interests include geography, archaeology and natural science, and the promotion of environmental and historical conservation. Go on a behind-the-scenes tour of the headquarters buildings located in downtown Washington DC and meet a member of the photographic or cartographic staff to hear about their work. Staff from the NGS Center for Geo-Education will do a special presentation of the award-winning free website www.NatGeoEd.org developed expressly for educators. The on-site museum and store are open until 6PM daily. We encourage visitors to stay after the special event and visit the exhibits that will be on display: Peruvian Gold (<http://events.nationalgeographic.com/events/exhibits/2014/04/10/peruvian-gold-br-ancient-treasures-unearthed/>) and A New Age of Exploration (<http://events.nationalgeographic.com/events/exhibits/2013/06/13/new-age-exploration/>) The tour and educational resources are free, but admission to the museum is \$11 per adult.

Cost: Free

Group Limit: 25

More Information: <http://events.nationalgeographic.com/events/exhibits/>

Location: Library of Congress

Date/Time: June 18th, 3:30 – 5:00PM

Description: Library of Congress. Visitors will enjoy an informative, educational, and entertaining visit to the US Library of Congress led by the head librarian of the Science Reference Section. While the majority of the visit will be dedicated to a “behind the scenes” tour of the Thomas Jefferson Building and its collections, there will be considerable focus on resources available to teachers, including using primary sources in the classroom, engaging girls in science, science project primers, and experiment and demonstration ideas.

Cost: Free

Group Limit: 20

More Information: <http://www.loc.gov/rr/scitech/>

Location: United States Botanic Garden

Date/Time: June 18th, 3:30 – 5:00PM

Description: The U.S. Botanic Garden is dedicated to demonstrating the aesthetic, cultural, economic, therapeutic and ecological importance of plants to the well-being of humankind. We carry out this mission by: promoting botanical knowledge through the cultivation of an ordered collection of plants; presenting displays of plants, exhibits and educational programs to the Congress and the public; and, fostering sustainability and plant conservation. For the 21st Century, the U.S. Botanic Garden has committed itself to sustainability, educating the public about ways to live by supporting the interconnected web of life that is the environment, and in particular, by nurturing the plants that support the life on our planet. Join the U.S. Botanic Garden educational staff for a hands-on tour of the historic Conservatory and adjacent National Garden. The USBG offers a wide variety of resources for teaching ecosystems, conservation, botany, genetics, adaptations and the importance of plants in our lives. Participants will receive lesson plans, curricula and hands on plant science lessons to bring back to the classroom.

Cost: Free

Group Limit: 20

More Information: <http://www.usbg.gov/about-us#sthash.mIJLkUjq.dpuf>

Friday, June 20th – Please meet the tour guides at the Noyce Conference registration desk at 12:30PM

Location: Smithsonian Museum of Natural History

Date/Time: June 20th, 1:00 – 2:30PM

Description: In the Forensic Anthropology Lab, visitors will learn that forensic science is far more mysterious and engaging than forensic fiction. They will use real human bones to identify and describe the gender and status of people from the past and draw conclusions about their lives. Visitors will learn to use the tools and problem solving skills of forensic anthropology to collect and analyze data. In addition to the lab experience, you will be able to explore the museum and their extensive collection of online resources for teachers. The museum remains open until 7:30 pm and you are welcome to stay after the tour to explore further.

Cost: Free

Group Limit: 20

More Information: <http://www.mnh.si.edu/exhibits/>

Location: Smithsonian National Air and Space Museum

Date/Time: June 20th, 1:00 – 2:30PM

Description: In the Forensic Anthropology Lab, visitors will learn that forensic science is far more mysterious and engaging than forensic fiction. They will use real human bones to identify and describe the gender and status of people from the past and draw conclusions about their lives. Visitors will learn to use the tools and problem solving skills of forensic anthropology to collect and analyze data. In addition to the lab experience, you will be able to explore the museum and their extensive collection of online resources for teachers. The museum remains open until 7:30 pm and you are welcome to stay after the tour to explore further.

Cost: Free

Group Limit: 20

More Information: <http://www.nasm.si.edu/exhibitions/>

Location: Library of Congress

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