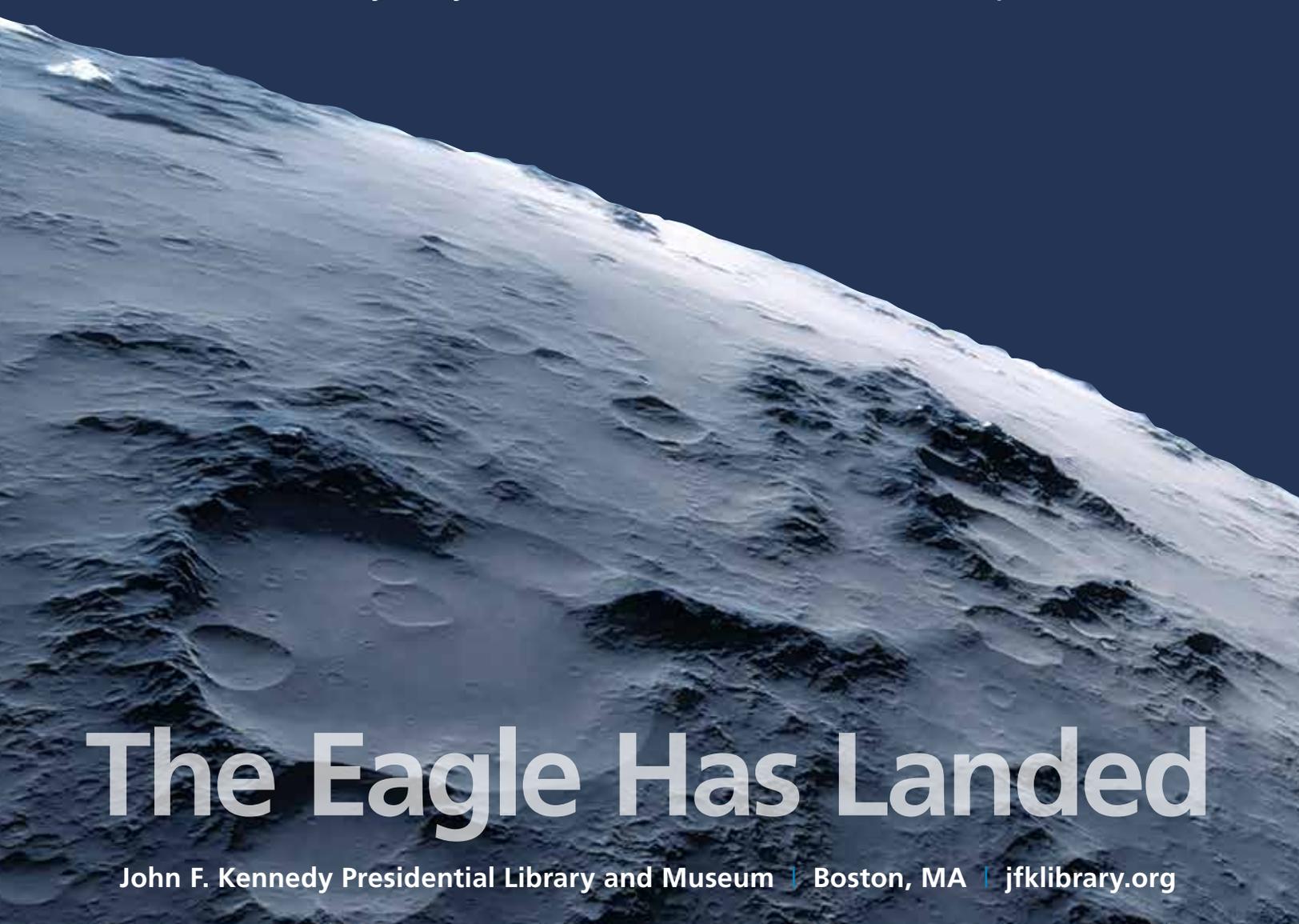


50th Anniversary of the Apollo 11 Moon Landing

# JFK SPACE FEST 2019

At the John F. Kennedy  
Presidential Library and Museum

Saturday, July 20, 2019 ★ 10:00 a.m. – 4:30 p.m.



# The Eagle Has Landed

John F. Kennedy Presidential Library and Museum | Boston, MA | [jfklibrary.org](http://jfklibrary.org)

*This anniversary program is sponsored by The Raytheon Company as lead sponsor, with additional support from The Boeing Company and Vertex.*

# JFK SPACE FEST 2019

*The Eagle Has Landed*



President John F. Kennedy challenged the nation to land a man on the Moon before the end of the 1960s. Just eight years after his directive, on July 20, 1969, American astronauts took the first steps on the Moon. Today, we commemorate this milestone in human achievement and explore current and future space endeavors!

Guest Speakers in Smith Center ★ 10:15 a.m. – 4:30 p.m.

## Welcome and ISS Greeting

10:15 a.m. – 10:20 a.m.

Join us for the *Space Fest* launch and an “out-of-this-world” video greeting from NASA astronauts Nick Hague and Christina Koch aboard the International Space Station (ISS).

## Engineer, Inventor and Former NASA Astronaut Dr. Franklin Chang Díaz

10:20 a.m. – 11:15 a.m.

**Dr. Franklin Chang Díaz**, founder and CEO of the Ad Astra Rocket Company, discusses his research and career, including 25 years’ service as a NASA astronaut and a veteran of seven space shuttle flights. He is the author of *Dream’s Journey* and *To Mars and Beyond, FAST!*



## Former NASA Astronaut Daniel Burbank

11:15 a.m. – 12:15 p.m.

Former NASA astronaut **Daniel Burbank**, currently Senior Technical Fellow for Mission Systems at Collins Aerospace Systems, discusses his experience from more than two decades at NASA, including his time aboard the International Space Station.



## Spacesuit Engineering Demonstration

1:00 p.m. – 2:00 p.m.

NASA Engineer **Su Curley**, who works on crew survival spacesuits and hardware for the Orion Program, including the journey to Mars, discusses current spacesuit technology and shows visitors how suits are used for spacewalking.



## Imaginative Invention with Dr. Lonnie Johnson

2:30 p.m. – 3:30 p.m.

**Dr. Lonnie Johnson**, founder of Johnson Research and Development Co., Inc., and holder of over 100 patents, discusses his career in invention — from NASA’s Jet Propulsion Lab to inventing the Super Soaker®, the most popular water toy in history.



## Moon-themed Musical Performance and “The Eagle Has Landed” — A Closing Ceremony Exactly 50 Years Later

3:50 p.m. – 4:30 p.m. (Smith Center)

Gather for a musical send-off and to celebrate the Apollo 11 Moon landing together exactly a half century ago. A special souvenir will be given to all visitors at the end of the ceremony.



## Hands-On Activities ★ 10:30 a.m. – 4:00 p.m.

### Build and Launch Your Own Rocket

12:15 p.m. – 4:00 p.m. (Learning Center)

Build a paper rocket and blast off with an air-powered launcher — see how high and far you can go! *MIT Graduate Association of Aeronautics and Astronautics*



### Make-and-Take Space Activities

10:30 a.m. – 4:00 p.m.

- ★ **Space Patches:** Learn about spaceflight patches and color or design your own patch for a space travel mission. 10:00 a.m. – 11:30 a.m. & 3:00 p.m. – 4:00 p.m. (Powers Room)
- ★ **Astronauts Puppets:** Learn how to suit up for space while you color a spacesuit and create your own Astronaut Puppet. 10:30 a.m. – 12:00 p.m. (Pavilion) 🦅
- ★ **Space Helmets:** Make your own space helmet and learn about how astronauts stay safe in space. 10:30 a.m. – 1:00 p.m. (Pavilion)
- ★ **Trailblazing Astronauts Portrait Collage:** Learn about trailblazing astronauts and use collage to create a unique portrait of them. 12:00 p.m. – 1:30 p.m. (Pavilion)
- ★ **Make Your Own Mercury Spacecraft:** Make your very own mini spacecraft complete with parachute. 1:00 p.m. – 3:30 p.m. (Pavilion) 🦅
- ★ **Make a Mini Moon Map:** Create your own mini Moon with its unique geography and map Apollo landing sites. 1:30 p.m. – 3:30 p.m. (Pavilion) 🦅
- ★ **Origami LEM (Lunar Excursion Module):** Learn about spaceflight and make your own Eagle LEM using the paper-folding art of origami. 1:30 p.m. – 3:30 p.m. (Pavilion) 🦅



### Enjoy Moon-themed Music!

#### Drive A Cappella

Pop-up Performances  
1:00 p.m. – 2:00 p.m.  
(Museum Galleries)

Musical Performance  
3:50 p.m. – 4:10 p.m.  
(Smith Center)



Indicates a more challenging activity that is most appropriate for ages 7 and up. Some adult assistance from caregivers will be required for younger children to participate.

## Try It Out! ★ 10:00 a.m. – 4:00 p.m.

### Take the JFK Challenge!

10:00 a.m. – 11:30 a.m. & 3:00 p.m. – 4:00 p.m.  
(Powers Room)

Try out the *JFK Challenge Kids' App*

- ★ Train for the Apollo 11 mission to the Moon
- ★ Launch and steer the spacecraft
- ★ Land on the Moon and explore its surface

### Eclipse Soundscapes

10:00 a.m. – 11:30 a.m. & 3:00 p.m. – 4:00 p.m.  
(Powers Room)

Explore solar eclipses through an audio and tactile experience with Eclipse Soundscapes app, hold 3D models of the Sun and Earth's Moon in your hand to learn more about the important interactions between the Earth, its Moon and the Sun with an astrophysicist. *SAO: Solar Stellar X-Ray Group, Center for Astrophysics | Harvard & Smithsonian*

### NASA's Chandra X-Ray Observatory

10:30 a.m. – 4:00 p.m. (Pavilion)

Write your name in binary code, view the Milky Way on virtual reality headsets, and hold a 3D model of a dying star in your hand. *NASA's Chandra X-Ray Observatory, Center for Astrophysics | Harvard & Smithsonian*

### Space Jeopardy!

12:00 p.m. – 1:00 p.m.  
& 1:30 p.m. – 2:30 p.m.  
(Powers Room)

Test your knowledge of space exploration, including your ability to identify Earth's geography from the International Space Station (ISS). Compete for a prize! 🦅



### Space Poems to Order

12:00 p.m. – 4:00 p.m. (*JFK100 Lobby*)

Name a topic about space and a poet will compose a poem on a manual typewriter for you to keep!  
*Traveling Poetry Emporium*

### Spot the Space Spinoff! A Pop-Up Space Exhibit

10:30 a.m. – 4:00 p.m. (*RFK Foyer*)

Can you figure out which of the items on display were invented in the process of preparing for space flight? Explore this display of everyday items and discover which have space-technology origins.

## Explore the Museum Galleries! ★ 10:00 a.m. – 4:00 p.m.

### The Race for Space Discovery Cart

10:00 a.m. – 12:00 p.m., 1:00 p.m. – 2:00 p.m. & 3:00 p.m. – 4:00 p.m.

Come explore the first manned American spacecraft in this hands-on experience for all ages. See the real *Freedom 7* spacecraft and follow Mercury Astronaut Alan Shepard from lift-off to splashdown and perform important space duties. (*Space Program Gallery*)

### Curator's Corner: The Gemini Spacecraft Model

12:00 p.m. – 1:00 p.m. & 2:00 p.m. – 3:00 p.m.

Explore a scale model of the Gemini Spacecraft — an artifact only on display today — with Museum Curator **Janice Hodson**. (*Space Program Gallery*)

### Don't Miss These Space Artifacts!

- ★ *Freedom 7* spacecraft flown by Astronaut Alan Shepard, the first American in space, in the *Space Program Gallery*
- ★ Moon Rock from the Apollo 15 mission in the *Legacy Gallery*
- ★ JFK Medal in the *JFK100: Milestones & Mementos* exhibit

### Earth's Moon: Share Your Memories

10:00 a.m. – 4:00 p.m.

Share your memories and thoughts about Earth's Moon in a special *Space Fest* book. (*Main Lobby, near Presidential Seal*)

### Tape Art Mural

10:00 a.m. – 4:00 p.m.

Make sure to take your picture with the original Tape Art murals commemorating the wonder of the Apollo 11 mission and honoring all of the people who made this milestone human achievement in space a reality. (*Alcove and Front Entrance*)

PHOTO COURTESY OF NASA.



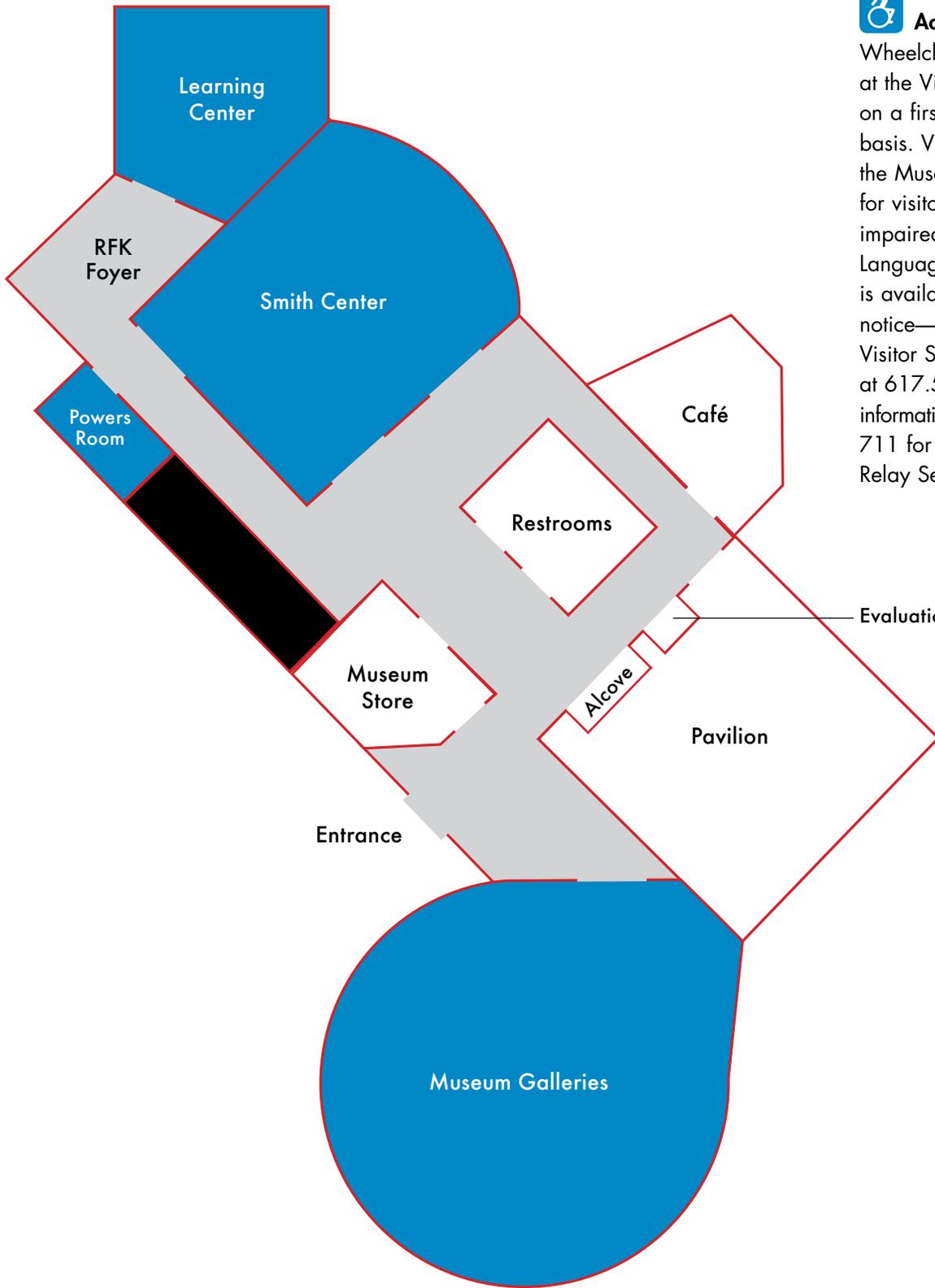
PHOTO BY CHRIS CASSIDY.



★ Schedule at a Glance ★

	LEARNING CENTER	POWERS ROOM	SMITH CENTER	JFK 100 LOBBY	PAVILION			EXHIBIT GALLERIES	
10 AM		Eclipse Soundscapes			Make-and-Take Space Crafts			Space Cart	
10:30		JFK Challenge	ISS Welcome and Dr. Franklin Chang Díaz				10:00-12:00		
11 AM		Space Patches	10:15-11:15		NASA's Chandra X-ray Observatory	Space Helmets 10:30-1:00	Astronaut Puppets 10:30-12:00		
11:30		10:00-11:30	Former Astronaut Daniel Burbank		10:30-4:00				
12 PM			11:15-12:15				Astronaut Portraits	Curator's Corner	
12:30	Build & Launch Rockets with MIT 12:15-4:00	Space Jeopardy		Space Poems to Order			12:00-1:30	12:00-1:00	
1 PM		12:00-1:00		12:00-4:00					
1:30			NASA Engineer Su Curley				Space Cart	Pop-Up Music	
2 PM		Space Jeopardy	1:00-2:00				1:00-2:00	1:00-2:00	
2:30		1:30-2:30				Space Capsules 1:00-3:30	Mini Moon & Origami Eagle LEM 1:30-3:30	Curator's Corner	
3 PM			Inventor Dr. Lonnie Johnson				2:00-3:00		
3:30		Eclipse Soundscapes	2:30-3:30						
4 PM		JFK Challenge							
4:30		Space Patches							
		3:00-4:00	Musical Performance & Closing Ceremony 3:50-4:30						

★ Tell us what you think of today. Stop by the Evaluation Station (adjacent to the Café entrance) and complete a quick survey. Then pick up a bag for carrying home your craft treasures.



**Accessibility:**

Wheelchairs are available at the Visitor Admission Desk on a first come, first served basis. Video presentations in the Museum are captioned for visitors who are hearing-impaired. American Sign Language interpretation is available with advance notice—please contact our Visitor Services Department at 617.514.1569 for more information. You may also use 711 for Telecommunications Relay Service.

**JOHN F. KENNEDY**  
PRESIDENTIAL LIBRARY AND MUSEUM

Columbia Point | Boston, MA 02125 | 617.514.1600

For Directions: Go to [www.jfklibrary.org](http://www.jfklibrary.org) | Accessible by : JFK/UMASS (Red Line)