

Beyond Spaceship Earth

In *Beyond Spaceship Earth*, children and families blast off and experience the story of space exploration, from one of the first spacecraft to orbit Earth to the work being done on the International Space Station (ISS) today.

The 3,626-square-foot exhibit, which opened in June 2016, is an immersive three-part experience that lets visitors explore the work

Beyond Spaceship Earth is designed to inspire the next generation of scientists and explorers and show how science, technology, engineering and math have made it possible for us to explore what lies beyond our planet. The National Aeronautics and Space Administration (NASA) and former astronaut and Indiana native Dr. David Wolf played an integral role in providing the expertise to create this out-of-this-world experience.

The International Space Station

Beyond Spaceship Earth includes an immersive re-creation of portions of the inside of the ISS for children and families to explore. Here, visitors can:

- See what the real interior of the ISS looks like and learn how astronauts eat, sleep, live and work aboard the station.
- Discover how astronauts perform scientific experiments in space and view real video of an astronaut's day-to-day life in space.
- Perform the tasks of real ISS astronauts by playing digital games made by The Children's Museum.
- Grab a spacesuit, exit the station through the airlock and go on a "space walk."
- See a replica of the Russian Soyuz capsule, one of the vehicles used to carry astronauts to and from the space station.



of today's astronauts in the International Space Station component, discover more about the exciting early days of space flight through immersive shows and real objects in the Schaefer Planetarium and Space Object Theater, and learn about some of the many Indiana astronauts and engineers who made space exploration possible at the Indiana Astronaut Wall of Fame.

— over —

Schaefer Planetarium and Space Object Theater

The Schaefer Planetarium and Space Object Theater is designed to display a rotating selection of real and rare iconic spacecraft and other objects from space history in an immersive environment that feels like space. The first iconic object featured was the *Liberty Bell 7*, the second U.S. capsule ever flown into space. It was piloted by Lieutenant Colonel Virgil Ivan "Gus" Grissom, an Indiana native, in 1961.



The dramatic story of Grissom's successful flight and the accidental sinking of *Liberty Bell 7* in the Atlantic Ocean (and its recovery from the sea nearly 40 years later) was told through a sound-and-light show and live performances by museum actor-interpreters.

The second object was an escape pod used by Captain Kirk in the 2016 film *Star Trek Beyond*. This opened in conjunction with *The Future is Here—How Sci Fi Becomes Reality*,

a sound-and-light show narrated by actor George Takei, who played Hikaru Sulu.

Beginning in early spring 2024, the theater will feature *CAPCOM Go! The Apollo Story*, which explores the work that went into the Apollo missions. Accompanying the show will be a real Mission Control console used at the Johnson Space Center.

Indiana Astronaut Wall of Fame

Indiana has a rich history in both engineering and training of future astronauts. More than 30 astronauts and engineers have connections to the state. In partnership with Purdue University, the Indiana Astronaut Wall of Fame recognizes the significant contributions that astronauts and engineers with Indiana ties have made to the history of space exploration.

Beyond Spaceship Earth is made possible by lead gifts from Lilly Endowment Inc., Eli Lilly and Company Foundation, The Heritage Group, Patricia Schaefer, and a NASA grant, with major support provided by R.B. Annis Educational Foundation, Church Brothers Collision Repair, The Dorsey Foundation, and Steve and Susan Haines.

The material contained in *Beyond Spaceship Earth: International Space Station* is based upon work supported by NASA under award Number NNX14AD06A. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Aeronautics and Space Administration.

The *Liberty Bell 7* and the new Mission Control console were loaned by Kansas Cosmosphere and Space Center Inc., Hutchinson, Kansas.

The escape pod featured in *Star Trek Beyond* was on loan courtesy of Paramount Pictures.

Object loans from Barron Hilton Flight and Space Exploration Archives, Purdue University Libraries, Karnes Archives and Special Collections, as well as Steve Grissom.

Digital games developed with the support of the Entertainment Software Association Foundation. *Beyond Spaceship Earth* is part of The Heritage Group Center for Family Learning in STEM.