



PATRICIA AND PHILLIP FROST GIFT \$10 MILLION TO PATRICIA AND PHILLIP FROST MUSEUM OF SCIENCE PLANETARIUM

Planetarium Now Fully Enclosed as Museum Construction Surpasses 50 Percent Mark

MIAMI – March 2015 – The Patricia and Phillip Frost Museum of Science announced today that it has received an additional \$10 million gift from Patricia and Phillip Frost to name the new Museum’s state-of-the-art Planetarium. Longtime supporters of South Florida’s arts and culture, Patricia and Phillip Frost had previously gifted a \$35 million donation to name the Museum, which was announced in 2011. The Frost’s generous decision to name the Planetarium was made just as the Museum is celebrating the completion of the enclosure of its new fulldome Planetarium, a major construction milestone, readily apparent to all visitors of downtown Miami.

“With this additional generous gift to the Museum’s Planetarium, Patricia and Phillip Frost are making it possible to visit not just the farthest reaches of the universe, but also to explore other environments from the deep oceans to inside the human body. Its educational impact will be immense,” said Trish and Dan Bell, Co-Chairs of the Board of Trustees of the Patricia and Phillip Frost Museum of Science. “We are extremely grateful for their continued support, allowing the Museum to be a center for learning and innovation for everyone to explore the impact of science and technology on our lives.”

“We have a strong commitment to excellence in education and the Patricia and Phillip Frost Planetarium will be a destination unique to Miami, propelling visitors on scientific adventures,” said Patricia Frost. “We are honored to be continuing our support of what will be one of the finest science centers in the world.”

Gillian Thomas, President and CEO of the Patricia and Phillip Frost Museum of Science said, “We are particularly thrilled with the Frost’s new commitment, as the newly named Frost Planetarium will be one of the new Museum’s most iconic components. The educational programs will also provide the opportunity to both investigate optics with laser technology, as well as learn how to develop a planetarium show. At night, the Planetarium’s exterior will feature the latest images of the planets and the earth from space.”

The completion of the dome was a carefully orchestrated project that took almost three weeks to complete under the direction of Skanska USA and Hill International. A few facts about the Planetarium include:

- 250-seat Planetarium with stadium style seating format
- 16-million-color 8K projection system
- There are 54 concrete panels that make up the self-supporting Planetarium dome.
- The panels were installed opposite one another in a counter-clockwise rotation to avoid lateral load on the dome capstone – the top center portion that anchors all of the panels.
- The total weight of all pieces exceeds 1.6 million pounds.
- The diameter of the capstone is about 30 feet.
- One concrete panel measures approximately 48 feet from base to top, is roughly 9 feet wide at the base and tapers to approximately 3 feet at the top, where the panels meet the capstone.

Located in downtown Miami's Museum Park, the new Museum is scheduled to open to the public in 2016. The Planetarium enclosure comes as construction of the Museum surpasses the 50 percent completion point.

Following construction, the ongoing annual economic impact to Miami-Dade County is estimated at \$95.4 million, with a total of 914 jobs created. The Patricia and Phillip Frost Museum of Science is also expected to draw over 700,000 visitors to Miami during its first year of opening, and an additional 600,000 visitors on an ongoing annual basis thereafter, showcasing downtown Miami as an urban waterfront destination to new audiences.

About Patricia and Phillip Frost

Dr. Phillip and Mrs. Patricia Frost are generous supporters of education and the arts and are renowned collectors. In 1986, they gave their 113-piece collection of American abstract art to the Smithsonian Institution. In 2004, they endowed The Patricia and Phillip Frost School of Music at the University of Miami, and in 2006, they were the lead donors for The Patricia and Phillip Frost Art Museum at Florida International University. In 2015, the University of Miami opened the new, state-of-the-art, Patricia Louise Frost Music Studios, a space for music students and faculty. The Frosts have recently initiated a scholarship program for graduates of Florida state universities and Israeli universities to study at Oxford University in England. The program is designed for the students to earn Master's degrees in the sciences, engineering and mathematics.

Patricia Frost, former educator, served as the Principal of Henry S. West Laboratory School, the educational research center for the Miami-Dade County Public School and the University of Miami, for 23 years. Mrs. Frost was a Trustee of Florida International University and chairman of the Board of Directors of Florida International University. Mrs. Frost is Chairman Emeritus of the Smithsonian American Art Museum Commission, Honorary Chairman of The National Board of

the Smithsonian Institution, and a member of the Florida Board of Governors of the State University System. Mrs. Frost was named Educator of the Year for her work at Florida International University and with the Miami-Dade County and Broward County public school systems. She received her Bachelor of Science Degree at Colby College, and a Master of Arts Degree from Columbia University.

Dr. Phillip Frost is Chairman and CEO of OPKO Health, Inc., a Miami-based healthcare company involved in the discovery, development, and commercialization of proprietary pharmaceutical and diagnostic products. He serves as Chairman of the Board of Ladenburg Thalmann, a diversified investment bank incorporated in 1876. Dr. Frost previously served as Chairman of the Board of Directors of Teva Pharmaceutical Industries Ltd., the world's largest generic pharmaceutical company, headquartered in Israel, which also develops and sells proprietary pharmaceuticals and active pharmaceutical ingredients. From 1987- 2006, Dr. Frost served as Chairman of the Board of Directors and Chief Executive Officer of IVAX Corporation, a global pharmaceutical company. When IVAX merged with Teva Pharmaceutical Industries Ltd. in 2006, he became its Vice Chairman; in 2010, Chairman. Phillip Frost was Co-Vice Chairman of the Board of Governors of the American Stock Exchange from 2005-2008. He is past Chairman (1972-1990) of the Department of Dermatology at Mount Sinai Medical Center in Miami and is a current Trustee of the Medical Center. He is the former Chairman of the Board of Trustees of the University of Miami, where he still serves on the Board, a former Trustee of The Scripps Research Institute, and a former Regent of the Smithsonian Institution.

About the Patricia and Phillip Frost Museum of Science (Frost Science)

Frost Science aims to make a difference in people's lives by inspiring them to appreciate the impact that science and technology can have on every facet of our world. The museum will continue to inspire visitors in a new state-of-the-art facility designed by Grimshaw Architects currently under construction at Museum Park, in the heart of downtown Miami. The museum will be structured around an indoor and outdoor *Living Core* Aquarium of terrestrial and aquatic environments, featuring a Gulf Stream aquarium experience totaling over 500,000 gallons of salt water. The facility will also feature the state-of-the-art full dome Frost Planetarium, the Knight Learning Center, *Innovation Labs* and Cafe, Baptist Health South Florida People and Science Gallery, and an *Exploration Center* featuring permanent interactive exhibits: Feathers to the Stars and The River of Grass. Frost Science is supported by the Miami-Dade County Department of Cultural Affairs and the Cultural Affairs Council, the Miami-Dade County Mayor and Board of County Commissioners of Miami-Dade County. This project is supported by the Building Better Communities Bond Program and the City of Miami. Sponsored in part by the State of Florida, Department of State, Division of Cultural Affairs, and the Florida Council on Arts and Culture. The museum is accredited by the American Alliance of Museums, is an affiliate of the Smithsonian Institution and a member of the Association of Science and Technology Centers. Learn more at frostsience.org.