Imagine, Explore, Inspire
“Imagine the Possibilities”

Imagine a place where kids can explore the mysteries of the universe.

Where college students are able to navigate new worlds of opportunities in science, technology, engineering, art and math.

Where families and friends encounter galaxies millions of light years away.

Imagine a world-class space to discover infinite possibilities.

The Planetarium at Orange Coast College.
According to the Department of Education, the U.S. has fallen behind other countries in science, technology, engineering and mathematics (STEM), creating an urgent need for interactive science education at all levels. As a leader in science education for six decades, OCC’s commitment to STEM has been strengthened with the completion of the College’s $60 Million Allied Health, Biology and Consumer Science complex. This investment ensures that OCC remains a leader in launching the dreams of future scientists who transfer to four-year colleges and universities throughout the world.
A Campaign Takes Flight

Orange Coast College has identified the need for a new planetarium to serve as a vital science center and an extension of the college’s commitment to STEM curriculum. By engaging both K-12 students and college students, this one-of-a-kind venue will provide innovative learning experiences that engage, inspire, and illuminate students of all ages.

“We shall all, philosophers, scientists and just ordinary people, be able to take part in the discussion of why we and the universe exist.”

— Stephen Hawking
Space Travelers Start Here

Students in Orange County school districts who experience the planetarium will be given the chance to experience core STEM concepts through exhibits that are engaging and fun. College courses will be offered to students by OCC faculty, and members of the community will have the opportunity to attend shows, lectures and exhibits throughout the year.

The Planetarium will have unique features to serve all of its travelers:

- State-of-the-art theatre and presentation room
- Foucault Pendulum exhibit
- Interactive science exhibit hall
- Science on a Sphere NOAA display globe
- The latest technology and telescopes for optimum learning
- Theatre-style seating for 125
- Administrative offices
- Ticket Office

Imagine, Explore, Inspire
Foucault Pendulum

Named for French physicist Leon Foucault, this device serves as a visual demonstration of the rotation of the earth. Designs vary, but the concept is deceptively simple: a pendulum, powered by an electromagnet, swings from a steel cable, knocking down a row of pegs below it. Although the direction of the pendulum appears to be changing, it is in fact the floor beneath the pendulum that moves.

With only a handful of Foucault Pendulums located in the state, OCC’s pendulum exhibit will be the first of its kind in Orange County, giving local students and the surrounding community a chance to experience firsthand one of the greatest scientific breakthroughs in modern history.

Science on a Sphere

Researchers at the National Oceanic and Atmospheric Administration (NOAA) developed Science on a Sphere as an educational tool to help people of all ages visualize the earth. Using computers and video projectors, animated images of atmospheric storms, climate change and ocean temperature can be shown on this giant globe, making complex environmental processes an interactive and captivating experience.

OCC’s Science on a Sphere will reside in the Planetarium’s lobby/exhibit hall, giving visitors an astronaut’s-eye-view of the earth as it changes minute to minute.

OCC Astronomy Village / Telescope Farm

Base 11, an organization dedicated to propelling community college students in STEM careers by investing in new and disruptive innovation, has provided a grant of $1 million to enhance the area adjacent to the Planetarium. The grant will fund a telescope farm featuring solar and celestial telescopes that can be used by students and visitors to the planetarium. Additionally, the grant will fund a study and meeting place for OCC astronomy students and visiting scientists.
Flight Plan

The Planetarium at Orange Coast College

Groundbreaking: Summer 2016

Estimated Completion: Winter 2018

Estimated Cost: $17 million

The Planetarium will be located on the Orange Coast College campus, adjacent to the Charles H. Lewis Center and the Allied Health, Biology and Consumer Health Complex, and positioned in the center of OCC’s Science Quad.
The opportunity to name the Orange Coast College Planetarium is available for a donor making a leadership contribution of $5 million to the campaign.

The following distinguishing donorship recognition opportunities are available for leadership donors:

- **125-seat Presentation/Lecture Hall $2 million**
- **Foucault Pendulum $1 million**
- **Lobby/Exhibit Hall $750,000**
- **Entry Courtyard $500,000**
As of February 1, 2015 over $1.6 million in private support has been received and pledged to support the
Planetarium and the Astronomy Village/Telescope Farm. Leadership donors to the project include:

**OCC Astronomy Village Telescope Farm – $1 million**

- Base 11

**Science on a Sphere NOAA display globe – $250,000**

  Rallis Family Foundation

**Ticket Booth – $100,000**

  Jerrell Richards, Ph.D.

Gifts of $1,000 or more will be acknowledged by a unique donor recognition display in the lobby/exhibit hall of the Orange Coast College Planetarium. Gifts to date in these categories are as follows:

**Galactic – $50,000 or above**

- David & Barbara Cline
- Marisla Foundation

**Astral – $25,000-$49,999**

- Blair Carty
- Marilyn Flint Murphy
- West Family Foundation

**Stellar – $10,000-$24,999**

- David A. Grant
- Jane Hilgendorf
- Judith & Willis Longyear
- A. Patrick Munoz
- Linda I. Smith Foundation
- Doug & Mailei Bennett

**Meteoric – $5,000-$9,999**

- Cheryl Baker
- Doug Benoit
- Barbara Cooper
- Fluor Foundation
- In Memory of Cherry Gundry – Anne Gundry
- Dennis Harkins, Ph.D.
- Val Hayward
- George & Cathleen Hill
- Marshall & Dolores Johnson
- Rich Pagel, Ed.D.
- Liz & Steve Parker
- Phi Delta Kappa
- Lorraine Prinsky, Ph.D.
- Julie Sime
- Marilyn Sion
- Steve Tamanaha
- Carolyn Thomas
- UCMI, Inc.
- John Weispfenning, Ph.D.
- Albert Wong
The Orange Coast College Foundation is a non-profit 501(C)3 corporation incorporated in California.

In 2013 - 2014, the Foundation received donations valued at more than $4.3 million. Currently, the Foundation counts total assets valued at over $20 million.

Governed by a 25-member board of directors, the Foundation has designated The Planetarium at Orange Coast College as its priority project for 2009 – 2017.

The Planetarium is an extension of other projects created and supported by the Orange Coast College Foundation and its donors, including the School of Sailing & Seamanship, the Frank M. Doyle Art Pavilion and College for Kids. Since its founding in 1985, the Orange Coast College Foundation has received over $50 million in donations, and annually provides close to $1 million in scholarship support to new, continuing and transferring OCC students.

Previous major campaigns include the Capital Campaigns for the Frank M. Doyle Art Pavilion, the Harry & Grace Steele Children’s Center, and the renovation of the Robert B. Moore Performing Arts Theatre.
Located in the heart of Costa Mesa, Orange Coast College plays an active and enduring role in Orange County’s science literacy efforts. In fact, throughout its 60-year history, Orange Coast College has remained a community leader in science education.

Known widely as Orange County’s community college of choice, OCC has transferred more than 100,000 of the region’s best and brightest to the University of California and California State University systems, as well as to private colleges and universities of distinction across the nation.

OCC students are among the doctors, scientists, health care professionals, teachers, and engineers that make California a world leader.

The community continued to invest in OCC’s commitment to STEM by passing Measure M property tax measure in 2012.

$17 million from the 2012 voter approved Measure M will be dedicated to fund the capital costs of the Planetarium. The members of the Orange Coast College Foundation Board of Directors have given generously to initiate a private fundraising campaign to fund the Planetarium’s Endowment. We are now seeking support from the Orange County community so future generations can enjoy the programs and exhibits the Planetarium at Coast will offer.

Help students launch their dreams and explore new worlds of opportunities in science, technology, mathematics, and technology.

Let’s give our students and the residents of Orange County and beyond, space to discover.
Imagine, Explore, Inspire

Leadership
OCC Planetarium Capital Campaign Committee

David A. Grant, Chair
President Emeritus, Orange Coast College

Mary Lynn Bergman-Rallis

David J. Cline

Nick Contopoulos, Professor, Astronomy
Orange Coast College

Tara Giblin, Dean of Mathematics and Science
Orange Coast College

Dennis Harkins, Ph.D., President
Orange Coast College

Rush N. Hill, II

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Liz Parker, Retired Trustee
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Derek Sabori

Julie Simer

Janet Terrell-Ronnenberg,
Past Chair

Jeff Teller

Nancy Timmons

Bill Wood

Architects HPI, Newport Beach
“Astronomy compels the soul to look upwards and leads up from this world to another.”

— Plato