

PPG SCIENCE PAVILION™ Fact Sheet

ABOUT *PPG Science Pavilion*:

- **\$33 million** four-floor, **48,000-square-foot** *PPG Science Pavilion*
- Complements the North Shore riverfront, while offering a one-of-a-kind destination for public exploration in science and technology
- Construction on *PPG Science Pavilion* began December 2016
- Project is part of the overall Spark! capital campaign for the Science Center that raised \$46 million. More than 350 donors from the community contributed to the SPARK! Campaign
- Addition is expected to allow Science Center to increase its annual attendance of 500,000/year by up to 50%
- Opened to the public on June 15, 2018

ABOUT PPG AND CARNEGIE SCIENCE CENTER

- Carnegie Science Center received a **\$7.5 million gift** from PPG and the PPG Foundation – the single largest donation in the history of the Science Center
- **37-year history of partnership** supporting STEM-educational outreach programs
- PPG is a founding partner of the Science Center's STEM Center and has provided gifts for the Science Center's education outreach program, which reaches 180,000 students each year
- PPG is the world's leading paint, coatings and specialty materials company
- Pittsburgh is PPG's global headquarters community, having been founded here 135 years ago
- Today, PPG operates in more than 70 countries around the world
- In 2017, PPG invested \$474 million in research and development
- Our local communities have a need for a skilled workforce in research and development, manufacturing, information technology and industries related to science, technology, engineering and math (STEM) professions. To meet this demand – and the challenges of the changing world - PPG and the PPG Foundation are investing in the next generation of innovators. We aim to excite youth about STEM and the world of possibilities it holds, and support more advanced learning and career pursuits in specific fields of interest

GROUND FLOOR – FEDEX STEM LEARNING LABS

- **6,000 square feet** of classroom and lab space
- Nine specialized classrooms equipped to support inquiry-based instruction and project-based learning
 - One classroom designed for early learners
 - One classroom designed as a wet lab
- Summer camps use learning labs to explore subjects including DNA extraction and replication, crime scene analysis, and environmental testing
- Allowed the Science Center to increase capacity in its summer camps by 40%

- Multipurpose space accommodating Carnegie Science Center's Teaching Excellence Academy

FIRST AND SECOND FLOOR – SCAIFE EXHIBIT GALLERY

- **10,000 square feet** main level dedicated to a special exhibitions gallery to bring world-class, blockbuster shows to the city of Pittsburgh. Prior to construction, there was no space in the city suitable for this size of traveling exhibition
- Visitors can look down on the traveling exhibit from the **4,000-square-foot Suzy Broadhurst Overlook**
- The two-level gallery allows for maximal flexibility; two different exhibits could be on each level or one larger exhibit could be brought in on both levels

THIRD FLOOR – POINTVIEW HALL AND TERRACE

- **9,800+ square** feet multi-purpose space to be used for large-scale STEM competitions and events, educational and public programming, private event rentals, and professional conferences
- Includes a **1,600 square-foot** outdoor terrace and overlook
- Capacity: 500 theater style; 600 for a cocktail reception; 350 banquet
- Culinaire is our on-site, exclusive caterer

OTHER POINTS OF INTEREST

- Project included major enhancements to existing public spaces, including:
 - Removal of ground floor ramp to increase capacities in the café and Group Services
 - Renovation of Riverview Café
 - New, higher speed elevators and a monumental stair at the river-facing entrance
 - Reconfiguration of the main lobby to improve traffic flow
 - Improvements to the riverfront, including rain gardens, outdoor interactive exhibits, and expanded terraces
- *PPG Science Pavilion* is LEED-certified as **GOLD**. Green design/building features include:
 - More than 95% of construction waste diverted from landfill disposal
 - Building materials, such as steel and concrete, are comprised of recycled content; materials used in construction were sourced regionally
 - Low or no-emitting paints, coatings, adhesives, sealants, carpet, and composite wood products were used in construction
 - Rain gardens retain and filter 100% of storm water from the Pavilion roof
 - Low-flow plumbing fixtures reduce potable water consumption
 - High efficiency lighting and HVAC systems reduce energy consumption
 - Solar panels generate renewable energy on-site
 - Green cleaning products are used facility-wide, improving indoor air quality and reducing the number of chemicals released into the municipal waste stream
 - Recycling is encouraged in public spaces, with additional recycling receptacles prominently located for visitor convenience

PRIMARY CONTRACTORS

- Indovina Associates Architects (Project Architect)
- LaQuatra Bonci Associates (Landscape Architect)

- Turner Construction Company (Construction Manager)
- Oxford Development Company (Owner's Representative)