



Conservatory for Botanical Science Fact Sheet



Visiting

- Public hours are the same as the other galleries – there is no early entry
- Target audience is children ages 9-12 and their families
- Chaperones are required: one adult to every four children, same as in the Children's Garden

Building

- Contains nearly 16,000 square feet of landscape and exhibition space
- Building is 340 feet long
- Wings have a maximum interior height of 26 feet and are 36 feet wide
- Rotunda is 96 feet across with a maximum interior height of 43 feet
- Glass panels provide 50% shade and are made of two panes of glass with plastic layered in between
- Water for MEE fogging system and water features is purified through reverse osmosis
- Water is not recycled within the Conservatory, but gray water is directed to a water feature in a nearby garden
- Complete fire suppression system is installed
- A dedicated diesel-powered generator provides backup support.

Climate

- Plant lab: 65°F to 80°F with 60% relative humidity
- Tropical rotunda: 65°F to 80°F with 95% relative humidity
- Cloud forest: 50°F to 70°F with 95% relative humidity
- Bog: 50°F to 90°F with 95% relative humidity
- Controlled by Argus control system with sensors throughout the building and an external weather station

Exhibits

- More than 50 having interactive elements
- Goal is to use real plants and real tools to do real science
- Supported by a grant from the National Science Foundation

Designers / builders

- Architects: Offenhauser and Associates
- Landscape architects: Deneen Powell Atelier
- Exhibit designers: Gordon Chun Design and Independent Exhibitions
- Frame construction: Rough Brothers