

# Mills College Natural Sciences Building



## *Rain Water Harvesting*



Santa Clara Basin  
Watershed Management Initiative  
Land Use ❖ Subgroup

# Outline of Presentation

- Overview of the Natural Sciences Building
- LEED certification
- Rainwater Harvesting
- Future Plans



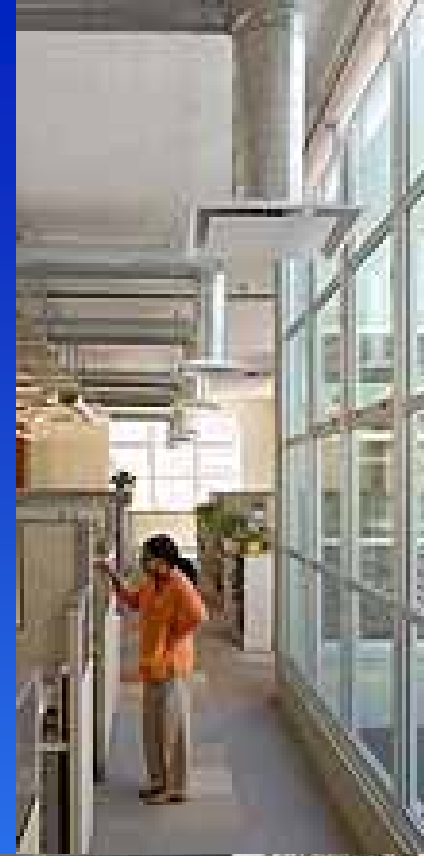
# Overview of the Building

- 26,000 square foot building
- Completed in 2007
- Houses wide range of science programs
- Seeks to display building's green qualities artfully



# LEED Certification Highlights

- LEED platinum rating
- Solar panels provide 30% of electrical needs.
- 52% more energy efficient than required by state law
- Two native plant gardens
- Received LEED stormwater quality and quantity credits
- Rainwater harvesting system



# Rainwater Harvesting System

- Sculpture cascades roof runoff into a 2,000 gallon former mayonnaise container.
- Collects up to 60,000 gallons of water a year for flushing toilets
- Located in courtyard with native plant garden



# Rainwater Harvesting System

- Rainwater collection system saves 57,400 gallons annually.
- Water recirculates to function as fountain in dry weather.
- Rainwater is treated with UV filter and particulate filter
- Rainwater treatment plant is visible in lobby.





# Future Plans

- Mills is committed to LEED certification for new construction
- Graduate school of business under construction is seeking LEED-Gold
  - Rainwater harvesting
  - Green roof



# Questions?

