

Overview:

The Quantum Skywalk at Quark Park is a submission for the Urban Confluence design competition, designed to celebrate the spirit of technological innovation and entrepreneurship of Silicon Valley.

Park Components:**The Quantum Skywalk:**

An interactive public art installation that bridges the east and west park spaces, designed to envision the beauty of the sub-atomic world of particle waves and motion. In the evening, the skywalk comes alive as a system of lasers, fiber optic lights, and projection lighting choreographed and pre-programmed to soundtracks, audible throughout the park. The light show will also be programmed to complement live performances in the amphitheater. Visitors will be able to access the skywalk from the elevators and ramps on either side, to enjoy the skyline views of the urban landscape.

The West Fountain Plaza:

This is the social hub for the park, designed as a circuitry metaphor where visitors move through the space as electrons charging the space with human vitality. The centerpiece is a lighted fountain sculpture in the image of a computer chip bursting with energy. It features restaurants, outdoor dining, farmer's market, coffee and ice cream station, shaded terraced lawn areas, and an interactive big screen "graffiti wall" for visitors to contribute content via smart phone. It will be a place for visitors to relax in the café and enjoy concerts and sound and light shows while dining.

The East Fountain Plaza:

This will be the education and interpretation hub also accented with an interactive chip fountain. It will feature: a walk-through exhibit that interprets the history of technological innovation in Silicon Valley, children's technology museum, working lab, and theater to present the latest in regional technological innovations.

Project Objectives:

A. Icon

- *The Quantum Skywalk* provides an intellectually based urban sculpture that embodies the spiritual connection between art and science that will become the symbol for the technological revolution of the 21st Century and beyond.

B. Downtown Revitalization

- *Project* contains many activity generators and has been designed to become a major new urban destination to attract residents and visitors of all ages to celebrate the renaissance of downtown San Jose.

C. Environment

- *Project* preserves and restores the riparian ecosystems of the confluence and achieves 100% net zero energy objectives.

D. Arts / Education

- *Project* incorporates a wide variety of arts and cultural venues for traveling exhibitions, art in the park activities, performances, and participatory learning workshops.