



## The Story of the Reines Vista and the Art Piece



*The laser-cut stainless steel art piece designed by Lisa Cowden memorializing the life, family and research of her father and Nobel laureate Dr. Frederick Reines.*

### The Story

The stainless steel and wood art piece located near the corner of California Avenue and Bartok Court in University Hills is dedicated to the life, family, and research of Dr. Frederick Reines (1918 – 1998). Dr. Reines was a long-time University Hills homeowner, UC Irvine faculty member, and 1995 Nobel Laureate for the first detection of the neutrino. The prize is shared with his colleague Clyde Cowan for their joint neutrino detection in 1956 at the Los Alamos Scientific Laboratory.

The Reines Vista sign, which was designed by his daughter Lisa Reines Cowden, contains graphical representations of Dr. Reines' family, career, and interests. Along the sides of the sign are legends to some of the images, though not all. Much of the imagery is intentionally left unidentified. Users are invited by the artist to imagine what the undefined images might represent.

Lisa first designed the sign as a sketch, and then with paper and scissors she personally cut out the design. She had the paper design scanned and put into CAD by an engineer friend. The CAD file was then used to guide a laser cutter to recreate the design on a sheet of stainless steel. A black locust wood frame completed the sign. Lisa Cowden dedicated the sign in a small, private ceremony on June 5th 2001.

### **Facts**

- Located near the corner of Bartok Court and California Avenue in University Hills
- Home builder Brookfield Homes assisted in the installation of the art piece

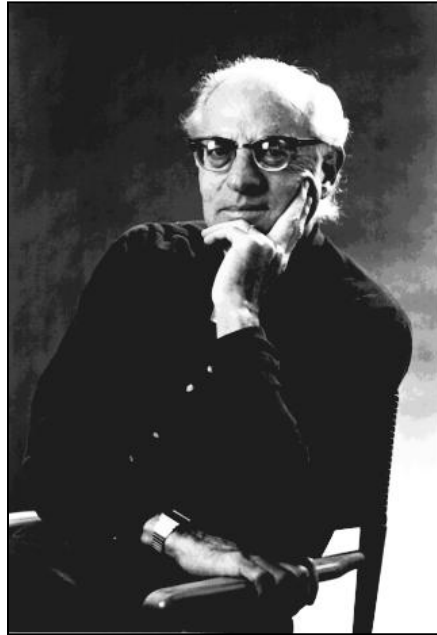
### **For Further Study**

[http://en.wikipedia.org/wiki/Frederick\\_Reines](http://en.wikipedia.org/wiki/Frederick_Reines)

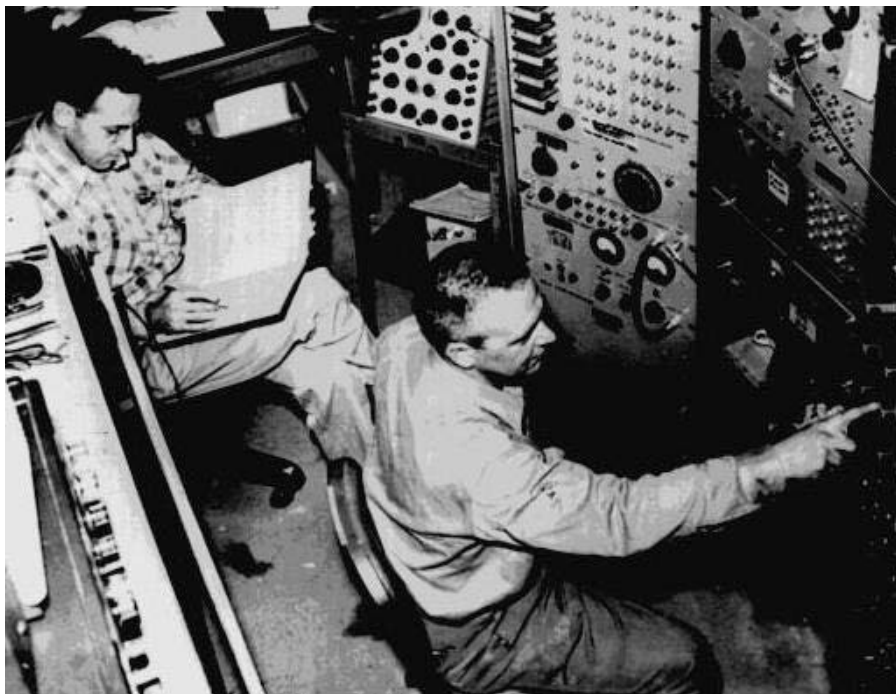
<http://www.ps.uci.edu/physics/reinestrib.html>

[http://content.cdlib.org/view?docId=hb1p30039g&chunk.id=div00047&brand=calisphere&doc.view=entire\\_text](http://content.cdlib.org/view?docId=hb1p30039g&chunk.id=div00047&brand=calisphere&doc.view=entire_text)

Photos

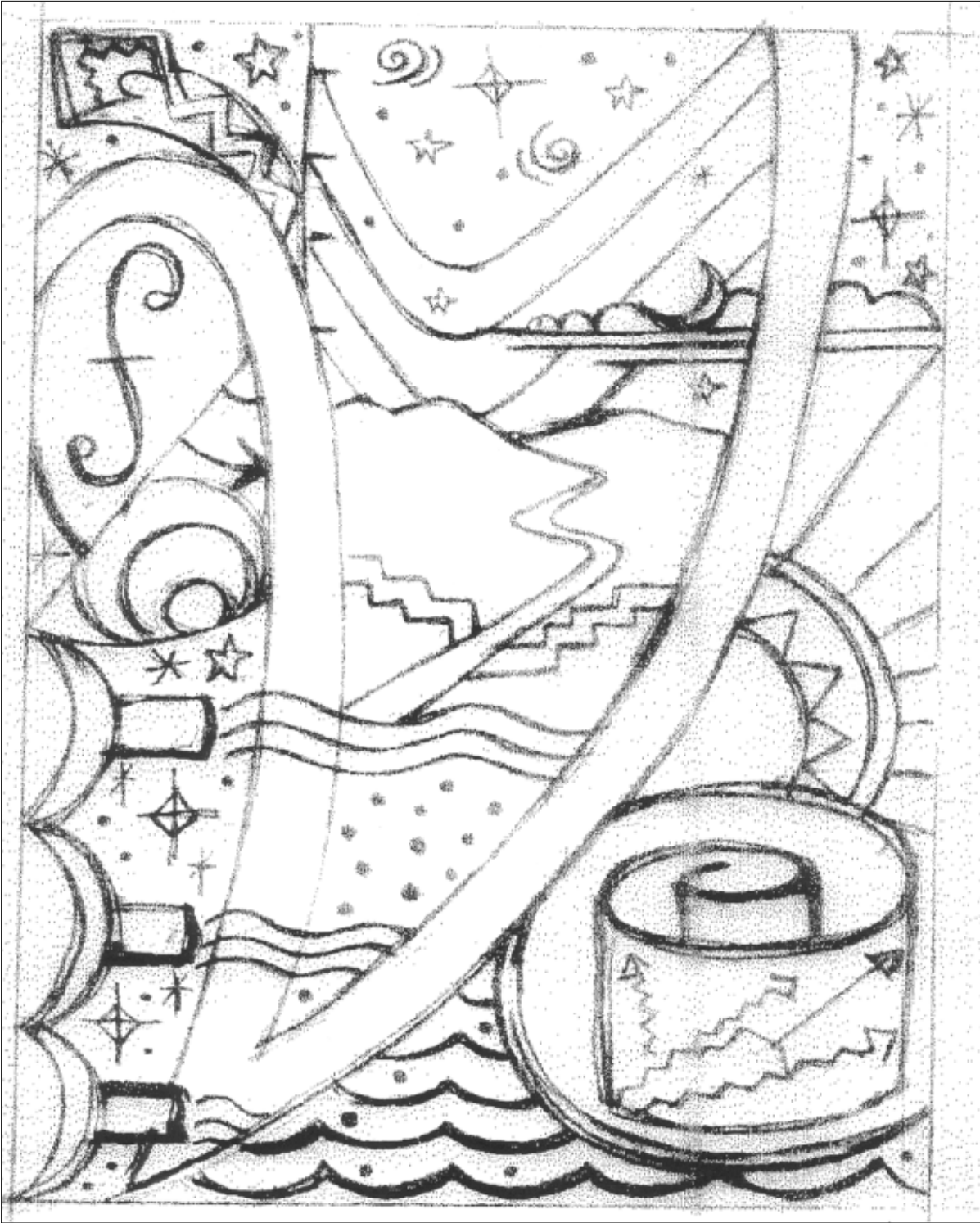


Dr. Frederick Reines

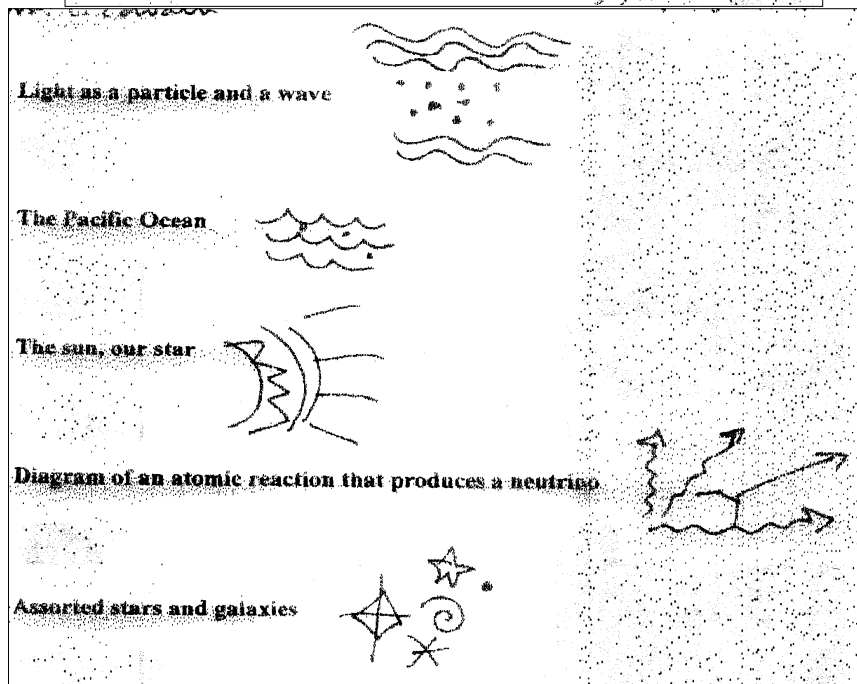
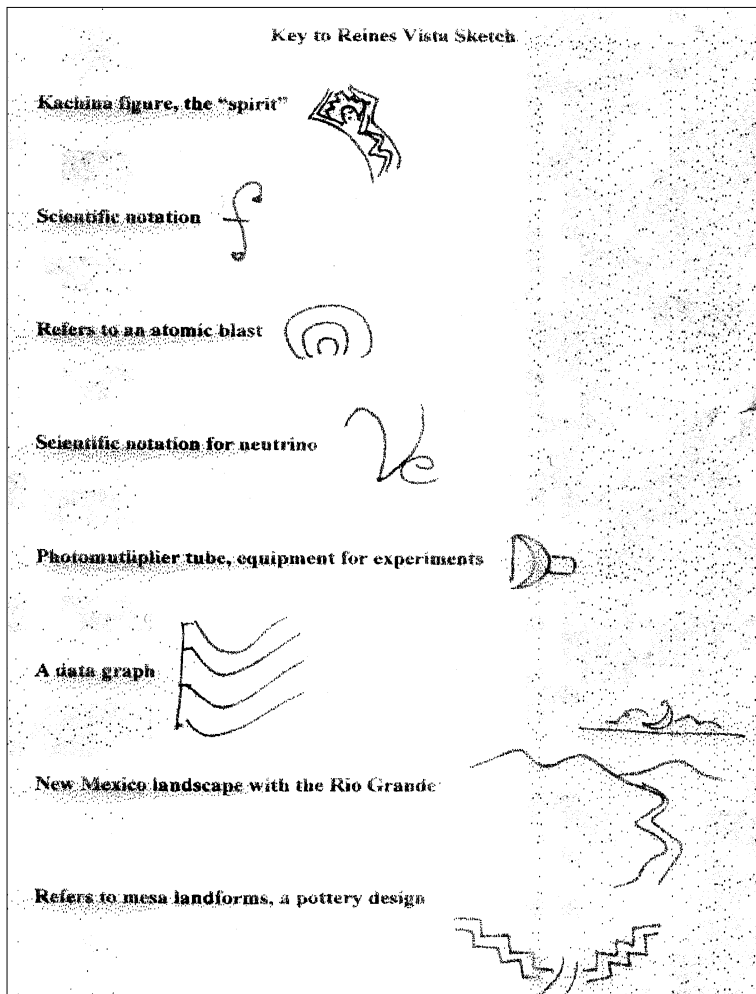


Drs. Frederick Reines and Clyde Cowan in a 1953 attempt to detect neutrinos

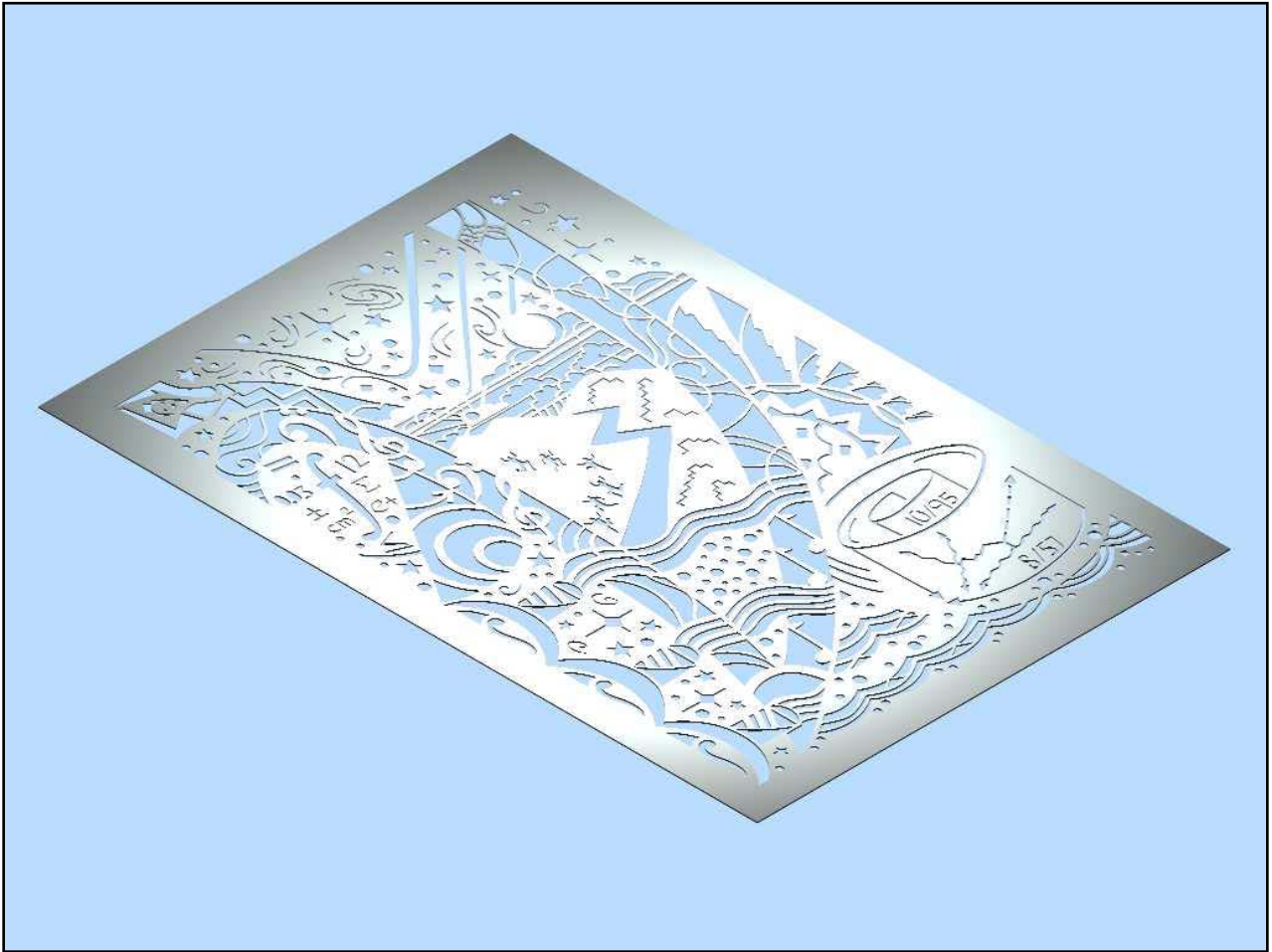
The making of the art piece



Early sketch of the art piece from the artist.



Early sketches of the legend from the artist.



CAD rendering of the sign before fabrication.