# **Diane Hoffoss**

#### **Curriculum Vita**

Mathematician | Large Scale Sculpture and Light Artist dhoffoss@sandiego.edu

### Large Scale Sculptural Art









#### Penumbra (2024) 🖸 🗹 (with ArtBuilds)

A 16' tall wooden monolithic sculpture with central height-changing halogen light. Penumbra investigates our ever-changing relationship with light and shadow. Wood, steel, and electronics.

Role: Co-Artist

Exhibited: Burning Man 2024

### Unfolding Humanity Renaissance (2023) C (with ArtBuilds)

A 12' tall dodecahedron which unfolds by human power, showcasing unsolved problems of mathematics, the shape of our universe, and humanity's relation to technology. Wood, steel, acrylic, and electronics.

Role: Lead Artist, Lighting Artist and Electronics Lead

Exhibited: Burning Man 2023

### **Re:Emergence (2022)** (with ArtBuilds)

A 60' long, 20' tall flared wooden lattice tunnel. Dramatically extending design features from Emergence, Re:Emergence demonstrates the extent to which structures shape, but can never fully constrain, human action. Wood, steel, and electronics.

Role: Lighting Artist and Electronics Co-Lead

*Exhibited:* Burning Man 2022

### **Reflexion (2022)** C (with ArtBuilds)

A set of three 8' tall mirrored columns of glowing, rotating prisms, with each side of the prism having a different concavity. Commissioned by the City of San Diego's Park Social Initiative. Acrylic, steel, and electronics.

Role: Lighting Artist and Electronics Co-Lead

Exhibited: La Jolla Cove (Jun, Oct 2022) · University of San Diego (2022) The Soap Factory (2023) · San Diego's Liberty Station (2023) WithOut Walls Festival (2024)

#### Emergence (2021) 🖸 (with ArtBuilds)

A 30' long, 10' tall flared wooden lattice tunnel referencing the contraction and eventual expansion of our lives during Covid

Role: Lighting Artist and Electronics Co-Lead

Exhibited: Everywhen 2021

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### Traversing Through Dust (2019) C (with the MATH Collective)

A 30' tall, 140' long semicircular steel suspension bridge art installation, with ominous lighting animations. Steel and electronics.

Role: Lighting Artist and Electronics Co-Lead

Exhibited: Burning Man 2019

### About Time (2019) 🖸 (with ArtBuilds)

A sundial that examines the role time plays in our lives. Wood and electronics *Role:* Burn Perimeter Lead, Lighting Consultant *Exhibited:* Burning Man 2019

## A urr re R( E>

### Unfolding Humanity (2018) 🖸 🖸 (with San Diego Geometry Lab)

A 12' tall, mirror lined dodecahedron which unfolds by human power, showcasing unsolved problems of mathematics, the shape of our universe, and humanity's relation to technology. Wood, steel, acrylic, and electronics.

Role: Lead Artist, Project Co-Manager, and LED Animation Programmer

Exhibited: Burning Man 2018 · San Diego Maker Faire 2018



### The Sacred Journey (2017) 🔀 (with Dan Reeves et al)

A temple, with progressive sections representing the universe and humanity's evolution. Wood, textiles, and electronics.

Role: Software Lead and Lighting Artist

Exhibited: Youtopia 2017 as the Temple



### The Journey Project (2017) 🖸 🗹 (with Dan Reeves et al)

An art installation with sound & LED programming reflecting evolution through the shakras. Wood and electronics.

Role: Software Lead and Lighting Artist

<code>Exhibited:</code> Burning Man 2017  $\cdot$  San Diego Pride  $\cdot$  SNRG  $\cdot$  Bequinox  $\cdot$  Saguaro Man and 16 other locations

### Large Scale Sculptural Art: Concepts



### **Threshold 5** (with ArtBuilds)

Threshold Five is an 8' tall monumental series of five gates that plays with perspective, and in this way invites the viewer to become an active participant in the art. Proposed for permanent placement to the Art Speaks program of the City of Escondido. Steel.

*Role:* Co-Artist *Exhibited:* Still in concept form

### **LED Lamps and Smaller LED Art**



### Bubble Lamp (2023) 🛛 🖉

A small lamp with curated color palettes gently illuminating bubbles. Wood, acrylic, and electronics.

*Role:* Artist

Exhibited: Chasing Wonder 2023



#### LED Pendant for Penumbra (2024)

Flickering flame necklace pendants of wood, acrylic, and CoB LED referencing our art piece Penumbra *Role:* Artist *Exhibited:* Various personal collections



#### LED Pendant for Unfolding Humanity (2023)

Etched acrylic necklace pendants with color changing, side-lit LED referencing our art piece Unfolding Humanity *Role*: Co-Artist

Exhibited: Various personal collections

LED Pendant for Re:Emergence (2022)



Glowing necklace pendants of wood, acrylic mirror and sanded acrylic, referencing our art piece Re:Emergence

*Role:* Artist *Exhibited:* Various personal collections



### LED Pendants (2021) Glowing necklace pendants of brass rod and SMD 1206 LEDs *Role:* Artist *Exhibited:* Various personal collections



### Midcentury Lamp (2020)

A midcentury modern, flat-pack lamp with a screenprinted design made of kerfbended wood, dichroaic film, and electronics.

Role: Lighting Artist and Electronics Co-Lead

Exhibited: Chasing Wonder 2023



### Halo (2019) 🖸 (with Sean Hough and Kelli Kufta)

A ring of LEDs which determines the direction of incoming sound based on time delay of sound, and responds with a light animation in that direction. PEX tubing, steel, and electronics.

Role: Faculty Advisor and Project Supervisor

Exhibited: Burning Man 2019 · Xylogen Qi



### **DodecaLamp (2018)** 🖸 (with Kate Rumann and Kiana Guastaferro)

Five dodecahedron model lamps with infinite internal mirror reflections. Wood, acrylic, and electronics.

Role: Faculty Advisor and Project Supervisor

Exhibited: Given as gifts for highest contributing donors to Unfolding Humanity

### **Paintings and Drawings**



### Empyrean (2020)

Acrylic pour painting capturing the essence of the celestial heavens. The deep blues and blacks create a sense of vastness and depth of the night sky, while the silver swirls and wisps evoke the shimmering light of distant stars.

Role: Artist

Exhibited: Not exhibited



### Stardust (2020)

Galaxy floor painted with acrylic and mica in blues and purples on black background. Holographic glitter resin seals the surface with a shimmer reminiscent of stars and interstellar dust.

Role: Artist

Exhibited: Permanent floor of San Diego CoLab's new Electronics Lab



### Don't Touch (2017)

A response to our former president's Access Hollywood comments with Captain America theme. Colored pencil and paper.

Role: Artist

Exhibited: Captain America Art Show 🖸



### ACA (2017)

A response to our former president's stance against the Affordable Care Act, in the Captain America theme. Colored pencil and paper

Role: Artist

Exhibited: Captain America Art Show 🖸

### **Small Sculpture**



### Alternative Facts (2017)

A collection of scientifically untrue statements made by Republicans, with the Captain America shield of science, represented by the symbol of an atom instead of a star, deflecting these statements and protecting our country below. Plastic, paper and nail polish.

Role: Artist

Exhibited: Captain America Art Show 🖸