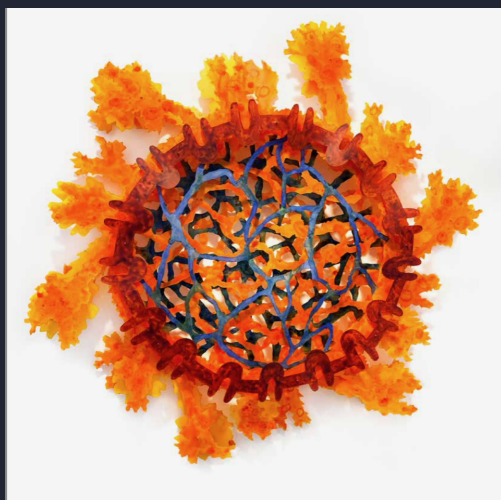# SCIENCE, TECHNOLOGY, AND SOCIETY NETWORK @TU
PRESENTS

MAKING THE INVISIBLE, VISIBLE: REIMAGINING SCIENTIFIC DISCOVERY

Rebecca Kamen

Corona 3, Rebecca Kamen (2020)

Monday, December 13

12:15pm to 1:45pm

This is a hybrid event
In person: **Charles Library 364**
Online: **https://temple.zoom.us/j/92510796770** (old)

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Sculptor and lecturer on the intersections of art and science, Rebecca Kamen seeks "the truth" through observation. Her artwork is informed by wide-ranging research into cosmology, history, and philosophy. She connects common threads that flow across various scientific fields to capture and re-imagine what the scientists see.

This presentation will investigate how art, scientific special collections, and the process of discovery provide inspiration to re-imagine a variety of scientific phenomena from Black Holes to the Coronavirus. Kamen will also discuss a collaborative research project exploring the creative process of making the invisible visible through an investigation of the dynamics of curiosity. The project explores how crisis, curiosity, and the creative process not only generate unexpected opportunities for discovery, but also inform artwork which fosters new connections between art and science.

ABOUT THE PRESENTER

Rebecca Kamen, Professor Emerita from Northern Virginia Community College, currently serves as visiting scholar and artist in residence in The Computational Neuroscience Initiative and the Department of Physics and Astronomy at the University of Pennsylvania.

As a catalyst in the creation of her art work, she has investigated scientific rare books and manuscripts in the libraries of the American Philosophical Society, the Science History Museum, the Library Company, and the Santiago Ramón y Cajal Institute in Madrid. She has also researched on collaborative art and science projects at the Center for Astrophysics at Harvard University, the Kavli Institute at Massachusetts Institute of Technology, Rochester Institute of Technology, and at the National Institutes of Health.

Professor Kamen has exhibited and lectured both nationally and internationally and has been the recipient of many fellowships and awards. Her artwork is represented in many private and public collections.

LINKS TO WORKS:

https://www.american.edu/cas/museum/2021/reveal-scientific-discovery-kamen.cfm
https://penntoday.upenn.edu/news/reimagining-scientific-discovery-through-lens-artist
https://www.american.edu/cas/news/when-science-and-art-collide.cfm
https://oldtowncrier.com/2021/11/01/follow-your-art/.

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