

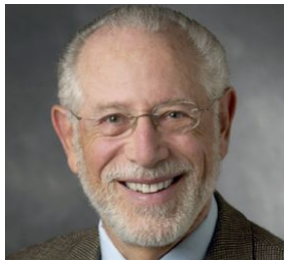
The Science of Painting
Bay Area Science Festival
A Wonder Dialogue

Gerald Cantor Center for Visual Arts
Office of Science Outreach
Stanford University
November 5, 2011

The Cast



- Curtis Frank
 - W.M. Keck, Sr. Professor of Chemical Engineering
 - Chemistry Dept
 - Materials Science and Engineering Dept
 - Director of the Center for Polymer Interfaces and Macromolecular Assemblies



- Michael Marmor
 - Professor of Ophthalmology
 - Eye Institute at Stanford
 - Stanford Hospital and Clinics
 - Lucile Packard Children's Hospital



- Piero Scaruffi
 - A History of Silicon Valley (2011)
 - The Nature of Consciousness (2006)
 - A History of Rock and Dance Music (2008)
 - Synthesis: Poems and Meditations (2009)

The Debate

- A painting is a material object. It is made of materials using some technologies.
- A painting is created by the painter based on what the painter sees.
- The science of materials and the science of vision help explain what a painting is.