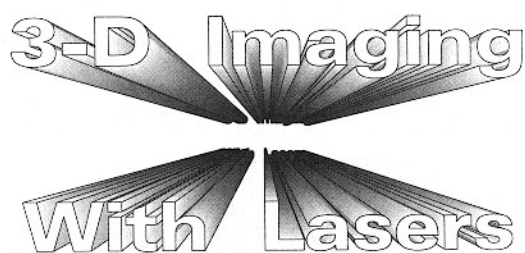


**VISIT**  
**MUSEUM**  
**Of**  
**HOLOGRAPHY / Chicago**

General public  
**HOURS: 12:30 to 5:00 p.m.**  
 Wednesday thru Sunday



*Tour Groups*  
 By Appointment

1134 W. Washington Blvd.  
 Chicago IL 60607  
 (312) 226-1007

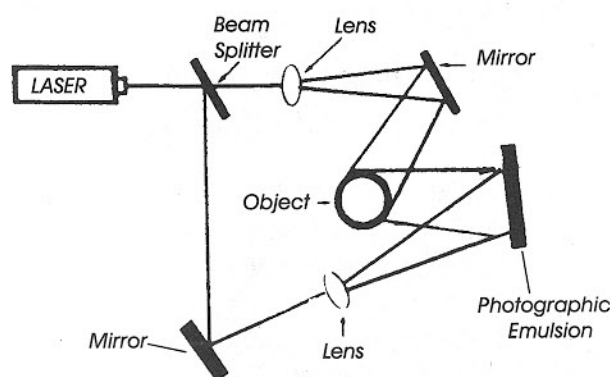
[museumofholography.com](http://museumofholography.com)  
[hologram@flash.net](mailto:hologram@flash.net)

**MUSEUM of HOLOGRAPHY** is proud to be part of -  
 Project Millennium

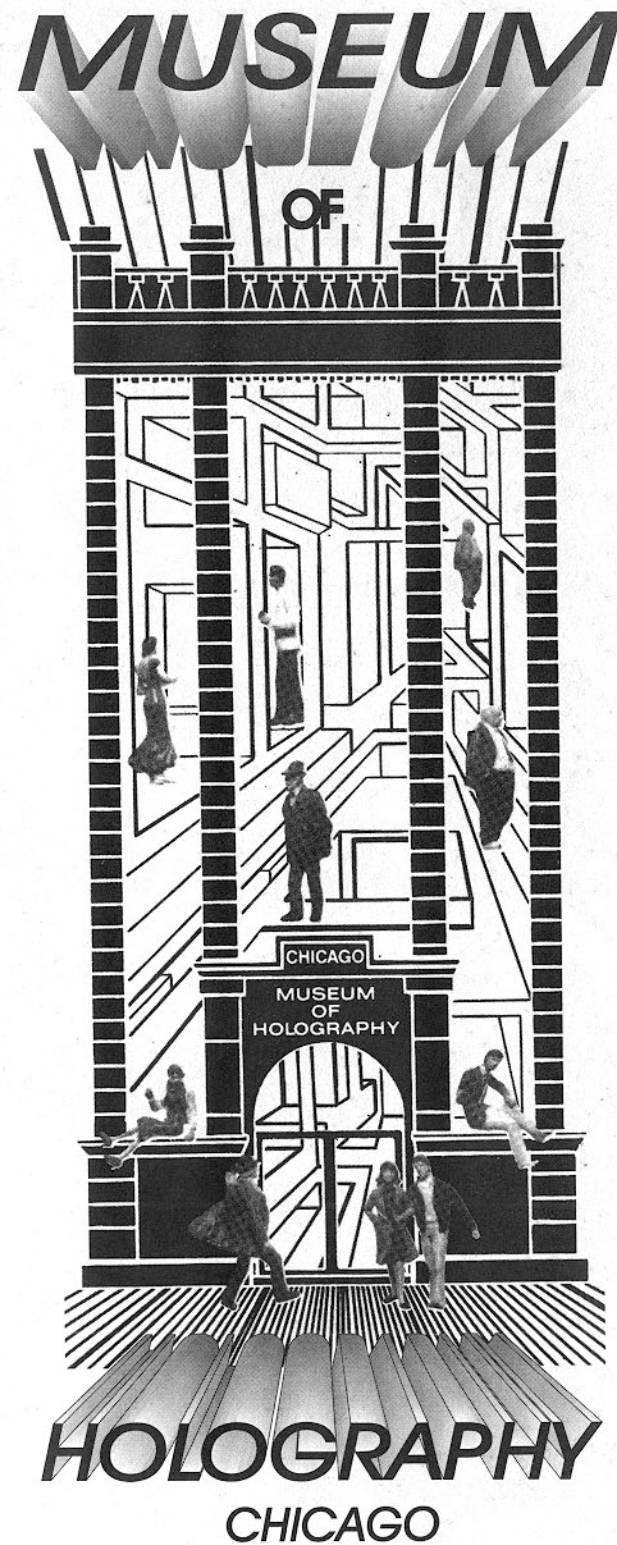
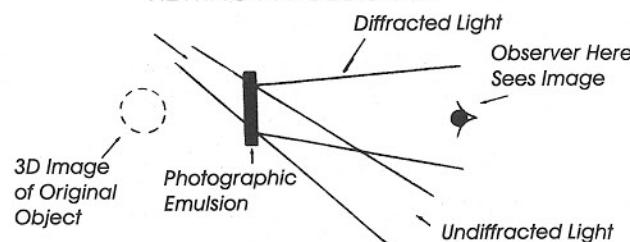
**What is Holography ?**

*In making a hologram light from a L.A.S.E.R. is divided by a beam-splitter and sent along separate paths. One beam illuminates the object and the second is shown directly onto a piece of light sensitive film. At the points on the film where the lightwaves reflected from the object meet the other beam an interference pattern is formed in the films emulsion. The film is processed in photographic chemicals. For the viewer an image of the original object is seen by shining light onto the hologram. The pattern formed in the emulsion causes the light to be bent or diffracted as if it were still being emitted from the object with full depth and parallax.-*

**MAKING A HOLOGRAM**



**VIEWING A HOLOGRAM**



**THE HOLOGRAPHIC CENTER**

**Museum of Holography**

- Only Museum in U.S.A.
- World's Largest Collection
- 200 Holograms on display
- Artistic and Scientific
- Medical Holograms
- Large Sales Gallery
- Lecture facilities
- Founded 1976

**School of Holography**

- 5 Levels of Instruction
- Fall /Spring Evening Classes
- Summer Week long workshop
- Private Tutorials

**School of Holography**

**Dr. Dennis Gabor received the 1971 Nobel Prize for Holography**

*1947- Dr. Dennis Gabor invents and produces first hologram*

*1961- First LASER was created*

*Russian Dr. Denisjuk produces first white light hologram*

*Dr. Leith and Dr. Upatniaks create first off-axis hologram*

*Steven Benton creates the first white light transmission*

*Lloyd Cross produces the first live - animated hologram*

*Embossed holograms make inexpensive mass production of holograms possible*

*To house and encourage this work, the Holographic Center was founded in 1976.*

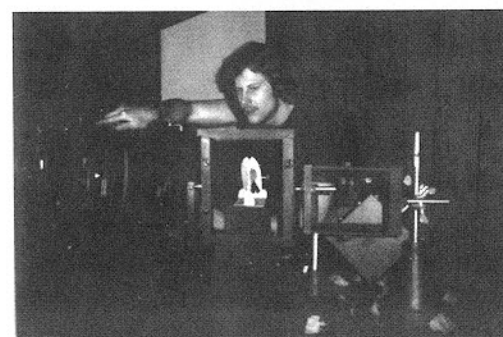
*The School of Holography was started in the Fall of 1977*

*Work in color and computer generated images continues*

**Holographic Design**

**CUSTOM HOLOGRAM PRODUCTION**

- ▶ **TRADE SHOWS** ◀
- ▶ **ADVERTISING** ◀
- Promotional Items
- Point of Purchase Displays
- Magazine covers or inserts
- Brochures / Annual Reports



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