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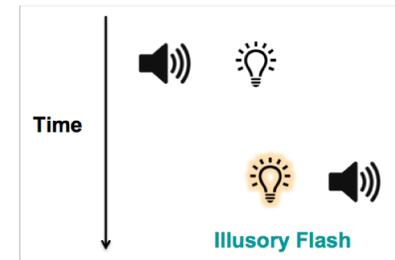
<https://ngp.usc.edu/browse-faculty-a-z/profile/?faculty-profile=32>

- Professor, Electrical and Computer Engineering, Chemical Engineering and Materials Science, Biomedical Engineering, Ophthalmology, Physics and Astronomy; Neuroscience Graduate Program
- B.S., Physics, California Institute of Technology (1971)
- M.S., M.Phil., and Ph.D., Engineering and Applied Science, Yale (1972, 1975, 1977)
- Rudolph Kingslake Medal and Prize (1986)
- Fellow, Optical Society of America (1986)
- Fellow, American Association for the Advancement of Science (1999)

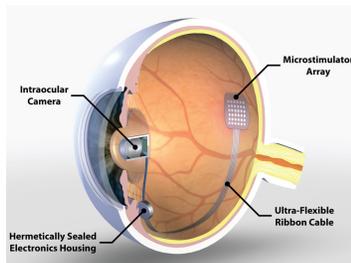


Research Interests

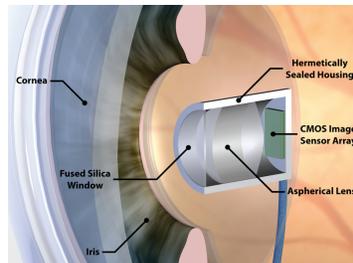
- Intraocular and Extraocular Retinal Prostheses: Ultraminiature Cameras
- Ultra Low Light Level Imaging Systems for Ophthalmological Examinations
- Visual Psychophysics; Multisensory Processing and Audio-Visual Illusions



Audio-Visual Spatial
Double Flash Illusion



Intraocular Camera for
Retinal Prostheses



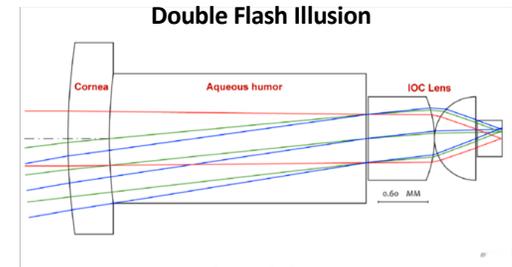
Intraocular Camera for Retinal
Prostheses (Expanded)



Original Scene



Pixellated and Blurred
Image (25 x 25)



Ultraminiature
Intraocular Camera