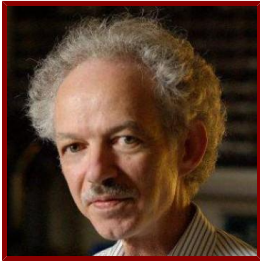


Stanford



J Kenneth Salisbury, Jr.

Professor (Research) of Computer Science and of Surgery (Anatomy), Emeritus

CONTACT INFORMATION

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Bio

BIO

Salisbury worked on the development of the Stanford-JPL Robot Hand, the JPL Force Reflecting Hand Controller, the MIT-WAM arm, and the Black Falcon Surgical Robot. His work with haptic interface technology led to the founding of SensAble Technology, producers of the PHANTOM haptic interface and software. He also worked on the development of telerobotic systems for dexterity enhancement in the operating room. His current research focuses on human-machine interaction, cooperative haptics, medical robotics, and surgical simulation.

ACADEMIC APPOINTMENTS

- Professor Emeritus, Computer Science
- Professor Emeritus, Surgery - Anatomy
- Member, Bio-X

PROFESSIONAL EDUCATION

- PhD, Stanford University , Mechanical Engineering (1982)
- MS, Stanford University , Mechanical Engineering (1977)
- BS, Stanford University , Electrical Engineering (1975)

Teaching

STANFORD ADVISEES

Doctoral Dissertation Advisor (AC)

Jerome Nowak, Shenli Yuan

Master's Program Advisor

Austin Pineault, David Zhao

Publications

PUBLICATIONS

- **An Interactive Simulation Environment for Craniofacial Surgical Procedures**
Salisbury, K., J.
- **Multi-Contact Haptic Interaction with Deformable Objects: a Multi-rate Approach** *chapter in Robotics Research XI - STAR (Springer Tracts on Advanced Robotics)*
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2010
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2010
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2010

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