

# Stanford

---



## Hyongsok Soh

Professor of Radiology (Early Detection), of Electrical Engineering and, by courtesy, of Chemical Engineering and of Bioengineering

### CONTACT INFORMATION

- **Administrative Contact**

Mr. Dashiell Corbett - Admin Assistant

**Email** dashielcorbett@stanford.edu

### Bio

---

### BIO

Dr. Soh received his B.S. with a double major in Mechanical Engineering and Materials Science with Distinction from Cornell University and his Ph.D. in Electrical Engineering from Stanford University. From 1999 to 2003, Dr. Soh served as the technical manager of MEMS Device Research Group at Bell Laboratories and Agere Systems. He was a faculty member at UCSB before joining Stanford in 2015. His current research interests are in analytical biotechnology, especially in high-throughput screening, directed evolution, and integrated biosensors.

### ACADEMIC APPOINTMENTS

- Professor, Radiology
- Professor, Electrical Engineering
- Professor (By courtesy), Chemical Engineering
- Professor (By courtesy), Bioengineering
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute
- Faculty Fellow, Stanford ChEM-H
- Member, Wu Tsai Neurosciences Institute

### HONORS AND AWARDS

- Fellow, National Academy of Inventors (NAI) (2017)
- Investigator, Chan-Zuckerberg Biohub (2017)
- Fellow, American Institute for Medical and Biological Engineering (AIMBE) (2014)
- Humboldt Fellowship, Alexander von Humboldt Foundation (2012)
- Edward Nagy Award, NIH (2011)

5 OF 11

## PROGRAM AFFILIATIONS

- Stanford SystemX Alliance

## PROFESSIONAL EDUCATION

- Ph.D., Stanford University , Electrical Engineering (1999)
- M.S., Stanford University , Electrical Engineering (1995)
- B.S., Cornell University , Mechanical Engineering and Materials Science and Engineering (Double Major) (1992)

## LINKS

- H.T. Soh Research Lab: <https://sohlab.stanford.edu>

## Teaching

---

### COURSES

#### 2018-19

- Analytical Methods in Biotechnology: EE 235 (Win)

#### 2017-18

- Analytical Methods in Biotechnology: EE 235 (Spr)

## STANFORD ADVISEES

### Doctoral Dissertation Reader (AC)

Punnag Padhy

### Postdoctoral Faculty Sponsor

Kaiyu Fu, Amani Hariri, Dehui Kong, Xizhen Lian, Jing Pan, Mahla Poudineh, Alexandra Rangel, Liqin Zhang, Liwei Zheng

### Doctoral (Program)

Sarah Hooper, Asir Intisar Khan, Michael Silvernagel