



## Siddharth Krishnan

Assistant Professor of Electrical Engineering, and by courtesy, of Bioengineering and of Materials Science and Engineering

### Bio

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#### BIO

Siddharth is an Assistant Professor of Electrical Engineering and a Terman Faculty Fellow at Stanford University. Prior to this, he was a K99-funded Research Scientist in the groups of Prof. Daniel Anderson and Prof. Robert Langer at the Koch Institute for Integrative Cancer Research at MIT and at Boston Children's Hospital. He received BS and MS degrees from Washington University in St. Louis, and his PhD from the University of Illinois at Urbana-Champaign from Prof. John Rogers' group. His work has focused on the development of bioelectronic devices for sensing and therapeutics. He has published over 20 scientific papers, is an inventor several granted and pending patents and is co-founded of Rhaeos Inc., a company focused on translating his graduate work on wireless wearable diagnostic tools for neurological surgery. His work has been recognized through several awards, including a postdoctoral fellowship from the Juvenile Diabetes Research Foundation, the 2019 Illinois Innovation Prize, a graduate student medal from the Materials Research Society and being named on MIT Technology Review's Global Innovators Under 35 list.

#### ACADEMIC APPOINTMENTS

- Assistant Professor, Electrical Engineering
- Assistant Professor (By courtesy), Bioengineering
- Assistant Professor (By courtesy), Materials Science and Engineering
- Member, Bio-X
- Faculty Fellow, Sarafan ChEM-H
- Member, Wu Tsai Neurosciences Institute

#### ADMINISTRATIVE APPOINTMENTS

- Member, Stanford Diabetes Research Center, (2025- present)

#### HONORS AND AWARDS

- Terman Faculty Fellow, Stanford University
- K99/R00 Pathway to Independence Award, NIH-NIBIB
- Early Career Distinguished Presenter, Materials Research Society
- Global Innovators Under 35 (TR35), MIT Technology Review
- Illinois Innovation Prize, University of Illinois at Urbana-Champaign
- JDRF Postdoctoral Fellowship, Breakthrough T1D (Formerly JDRF)
- Chakrapani innovation award for outstanding PhD thesis, University of Illinois at Urbana-Champaign

## PROFESSIONAL EDUCATION

- Postdoctoral Training, MIT
- PhD, University of Illinois at Urbana-Champaign
- MS, Washington University in St. Louis
- BS, Washington University in St. Louis

## LINKS

- Lab Website: <https://krishnanlab.stanford.edu/>

## Teaching

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### COURSES

#### 2025-26

- Bioelectronics: EE 120, EE 220, MATSCI 220 (Spr)
- Integrated Circuit Fabrication Processes: EE 212 (Aut)

### STANFORD ADVISEES

#### Doctoral Dissertation Reader (AC)

Leen Abdul Razzak, Michelle Hedlund, Nathan Jensen, Emma Kranich, Jason Saunders, Benj Wollant

#### Postdoctoral Faculty Sponsor

Sunghoon Rho, Kecheng Wang

#### Doctoral Dissertation Advisor (AC)

Alice Gao, Huy Tran

#### Master's Program Advisor

Alan Mendoza Alderete, Mitch Peterson, Elinor Tandberg

#### Doctoral (Program)

Atharv Naik