Stanford



Rajiv Doshi, MD

- Adjunct Professor, Medicine - Cardiovascular Medicine
- Adjunct Professor and Director, India Biodesign Program, Medicine - Cardiovascular Medicine

Bio

BIO

Dr. Rajiv Doshi serves as an Adjunct Professor of Medicine and as the Director of the India Program at the Mussallem Center for Biodesign. Dr. Doshi is also the co-Director of the India-based Founders Forum, an executive education training program for India's leading health technology entrepreneurs. He has also advised the Government of India and various state governments in the development of policies that support Indian health technology innovation.

Dr. Doshi has been at Stanford continuously since 1990, completing degrees in chemical engineering, biomechanical engineering and medicine before joining the teaching faculty in 2002. Over this time, he has held various appointments in the School of Medicine (Cardiovascular Medicine), School of Engineering (Mechanical Engineering) and the Graduate School of Business.

Over the past 25 years, Dr. Doshi has taught over 500 undergraduate and graduate students and continues to advise 50 current and former students. Dr. Doshi has created or co-created and taught three interdisciplinary courses related to medical technology innovation:

1) A sophomore seminar (BIOE 70Q): Medical Technology Innovation
2) A graduate level Mechanical Engineering course (ME394): Medical Device Design
3) A graduate level course, cross-listed within the Engineering, Medicine and Business schools (BIOE 371/MED 271/OIT 587): Global Biodesign: Medical Technology in an International Context

In 2007, Dr. Doshi co-founded and served as Executive Director (US) of the Stanford-India Biodesign program, Biodesign's first international fellowship program. The goal of the India Biodesign Program was to train the next generation of medical technology innovators in India. Supported by the Government of India, the program represented a first-of-its-kind collaboration between Stanford University, the Indian Institute of Technology (IIT) Delhi, and the All India Institute of Medical Sciences (AIIMS). In total, the program trained 32 fellows who have commercialized over a dozen novel health technologies for India.

In 2016, Dr. Doshi co-founded the India-based Founders Forum which he co-directs with Prof. Anurag Mairal. The Founders Forum provides executive education for India's most promising medical technology entrepreneurs.

Dr. Doshi advises (pro bono) over three dozen India-based startups and serves on the Board of Directors and Investment Committee of TEAMFund, an impact investment fund focused on medical technology innovation for India and Africa.

Dr. Doshi is also the Founder and CEO of Piper Biosciences, a Bay Area startup that is developing clinical nutrition products that help manage chronic medical conditions, based on medical guidelines. Dr. Doshi previously founded Ventus Medical, where he served as its first CEO. Dr. Doshi is the inventor of the core nasal EPAP technology of Ventus Medical's products: for obstructive sleep apnea (Provent Sleep Apnea Therapy) and snoring (Theravent Snoring Therapy). Provent represented the first new class of obstructive sleep apnea therapy since CPAP. Dr. Doshi has served as a Sr. Advisor to McKinsey & Co. and as Principal at De Novo Ventures, a medical technology venture capital fund.

Dr. Doshi has roughly 80 US and international patents issued or pending. He is the recipient of the Paul and Daisy Soros Fellowship.

ACADEMIC APPOINTMENTS

- Adjunct Professor, Medicine - Cardiovascular Medicine
- Adjunct Professor and Director, India Biodesign Program, Medicine - Cardiovascular Medicine
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Director, India Program, Byers Center for Biodesign, (2017- present)
- Adjunct Professor, Cardiovascular Medicine, (2017- present)
- Faculty Fellow, Center for Innovation in Global Health, (2019- present)
- Sr. Advisor, Singapore-Stanford Biodesign, (2011- present)
- Adjunct Professor, Graduate School of Business, (2015-2017)
- Consulting Associate Professor, Cardiovascular Medicine, (2014-2017)
- Executive Director (US), Stanford-India Biodesign, (2007-2017)
- Consulting Assistant Professor, Cardiovascular Medicine, (2007-2014)
- Lecturer, School of Medicine, (2003-2006)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Sr. Advisor, LUNAR Design/McKinsey & Co. (2001 - 2019)
- Founder, CEO, Piper Biosciences, Inc. (2015 - present)
- Member, Board of Directors, TEAMFund (Impact Investment Fund) (2015 - present)
- Founder, CEO, CSO, Ventus Medical, Inc. (2005 - 2013)
- Principal, De Novo Ventures (2003 - 2005)

PROFESSIONAL EDUCATION

- MD, Stanford University (2001)
- MS, Stanford University , Biomechanical Engineering (1998)
- BS, Stanford University , Chemical Engineering (1994)

COMMUNITY AND INTERNATIONAL WORK

- Judging Panel-Global Surgical Training Challenge
- Judging Panel-Paul and Daisy Soros Fellowship
- Advisor-National Health Authority, Government of India, India

- Advisor-Center for Healthcare Entrepreneurship-IIT Hyderabad, Hyderabad, India

LINKS

- Stanford Biodesign website: http://biodesign.stanford.edu/
- Stanford-India Biodesign: https://biodesign.stanford.edu/programs/global-initiatives/stanford-india-biodesign.html
- India Biodesign Founders Forum: https://biodesign.stanford.edu/programs/global-initiatives/founders-forum.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

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