



Anurag Mairal

- Academic Staff - Hourly - CSL, Medicine - Cardiovascular Medicine
- Adjunct Professor, Medicine - Cardiovascular Medicine

Bio

BIO

Dr. Anurag Mairal is an Adjunct Professor of Medicine and the Director, Global Outreach Programs at Stanford Byers Center for Biodesign, Stanford University. He is also a Faculty Fellow and Lead for Technology Innovation and Impact at Center for Innovation in Global Health. In these roles, he leads initiatives focused on applying the biodesign process to resource-constrained settings globally. Further, he facilitates opportunities for students, faculty and fellows at Stanford to work on global healthcare needs. He is founding co-Director for MED 232, Global Health: Scaling Health Technology Innovations in Low Resource Settings, and was part of the founding faculty team for BIOE 371, Global Biodesign: Medical Technology in an International Context, graduate-level courses offered to engineering, business, and medical students at Stanford University. Earlier, he served as Associate Director for the Stanford-India Biodesign and Singapore-Stanford Biodesign programs. He serves as the Founding Chair of BME IDEA APAC, a community of medtech innovation programs in Asia Pacific, partnering closely with the industry and academia in the region. He is also an Honorary Professor at University of Cape Town, South Africa. Concurrently, he is a co-founder and Executive Vice President of Orbees Medical, a SF Bay Area-based strategy consulting firm serving global healthcare industry, with a focus on medtech, pharmaceutical, and digital health industry.

Dr. Mairal has an extensive background in medical technology development and commercialization, collaborating with partners in the U.S., India, China, and other emerging markets to advance product development, manufacturing, and distribution. Recently, he took a sabbatical for two years to take a senior leadership role at PATH, a major global health nonprofit based in Seattle. In this role, he oversaw research and development, commercialization, and implementation of technologies in PATH's medical devices, diagnostics, and digital health divisions. Previously, he held several positions at Johnson & Johnson, including Business Development Director and Product Director for structural heart, cardiology, and peripheral vascular products at Cordis. Before joining J&J, he was a Group Leader and a Process Development Manager at Membrane Technology and Research (MTR). At MTR, he was responsible for business development, strategic alliances, and product development in the bioseparations area. An active mentor to entrepreneurs and industry professionals, he serves as the chair of PATH's Bay Area Leadership Council; chair of the board at EPPIC Global Network; chair of Faculty Alumni Network at IIT Bombay Heritage Foundation; and President of Sewa International - Bay Area.

Dr. Mairal earned a PhD in chemical engineering from the University of Colorado at Boulder and an MBA from the Haas School of Business at the University of California at Berkeley. He also holds an MS in chemical engineering from the Indian Institution of Technology in Mumbai and a BS in chemical engineering from National Institute of Technology, Raipur. Dr. Mairal was a post-doctoral fellow at the University of Twente, Netherlands and at University of Michigan, Ann Arbor. At BerkeleyHaas, he was a founding co-Chairman of the South Asia Business Conference and Chair of the Biotech Panel for the Asia Business Conference. His work has been published in more than 30 publications, and he has seven issued patents.

ACADEMIC APPOINTMENTS

- Academic Staff - Hourly - CSL, Medicine - Cardiovascular Medicine
- Adjunct Professor, Medicine - Cardiovascular Medicine

- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Faculty Fellow, Center for Innovation in Global Health, School of Medicine, (2017- present)
- Director, Global Outreach, Stanford Byers Center for Biodesign, (2016- present)
- Honorary Professor, University of Cape Town, South Africa, (2015- present)
- Senior Advisor, Singapore-Stanford Biodesign, Stanford Byers Center for Biodesign, (2011- present)
- Director, Global Exchange Program, Stanford Byers Center for Biodesign, (2010- present)
- Associate Director, Stanford-India Biodesign Program, Stanford Byers Center for Biodesign, (2007-2010)

Teaching

COURSES

2023-24

- Global Health: Scaling Health Technology Innovations in Low Resource Settings: MED 232 (Win)

2022-23

- Global Health: Scaling Health Technology Innovations in Low Resource Settings: MED 232 (Win)

2021-22

- Global Health: Scaling Health Technology Innovations in Low Resource Settings: MED 232 (Win)

2020-21

- Global Health: Scaling Health Technology Innovations in Low Resource Settings: MED 232 (Win)