A Team Science Approach to Better Health

Stanford Medicine is Uniquely Suited for a Team Science Model

The Team Science Program in the Stanford Department of Medicine thrives thanks to our people, our infrastructure, and our networks of collaborators and partnerships, including:

- Outstanding academic, research, and clinical faculty
- Established laboratories and core science infrastructure
- Significant clinical research infrastructure
- An extensive network of community-based physician practices
- Diverse patient populations across ethnicity, age, and gender identity
- Strong, ongoing partnerships with Silicon Valley

What is Team Science?

“An interdisciplinary, inclusive, collaborative effort led by Department of Medicine investigators to address large-scale, high-impact, scientific questions across the translational spectrum. Team science initiatives will improve human health by using the strengths and expertise of professionals who share a diversity of career stages, fields of research, lived experiences, and organizational affiliations.”

DoM Working Definition of Team Science

The Stanford Department of Medicine is committed to move research discoveries into clinical practice to improve health. We accomplish this goal by uniting the expertise of professionals from different fields — an approach known as team science.
Seeding Team Science with Fresh Talent

RECIPIENTS OF 2024 SEED GRANTS

Daisuke Furukawa, MD
Diagnosing Bacterial Clearance of Periprosthetic Joint Infections Using Microbial Circulating Cell Free DNA

Linda Geng, MD, PhD
Improving Long COVID Care in Vulnerable Patients

Ron Li, MD
Redesigning Asynchronous Virtual Care Models Using Large Language Models: A Sociotechnical and User-Centered Approach

Fauzia Riaz, MD
ctDNA-MRD to Guide Use of Adjuvant Systemic Therapy in Early-Stage, Node-Negative Breast Cancer

Jorge Salinas, MD
Genomic Analysis of Infection Prevention Practices and Transmission Dynamics for Multidrug-Resistant Organism in Healthcare Facilities

Team Science Program Leadership

PJ Utz, MD, PhD
Director
Team Science

Hannah Valantine, MD, MRCP, FACC
Special Advisor to the Chair

Ken Mahaffey, MD
Vice Chair
Clinical Research

Joy Wu, MD, PhD
Vice Chair
Basic Science

Nancy Lonhart, MA
Associate DFA
Research Administration

Michael Helms, PhD, MBA
Director
Research Development

Purvesh Khatri, PhD
Leader, Team Science Computation Innovation and Discovery Group

How We Nurture Team Science

- Faculty Development
- Seed Grants
- Proposal Development and Grant Writing
- Post-Award Support
- Training
- Outreach
- Communication
- Diversity and Inclusion

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