



Careers in Medicine SP.252

In [Careers in Medicine SP.252](#), students will have the opportunity to explore careers in medicine and health care through hearing MIT alumni and partners discuss their educational path and career journey. The guest speakers represent a diverse array of majors and careers, including physicians, physician-scientists, research scientists, biomedical engineers, bioinformatics analysts, occupational therapists, health system managers, and health economists. The majors represented will include biological engineering (BE), biology, chemical engineering, MechE, computer science, physics, AeroAstro, occupational therapy, and more. Through hearing MIT alumni and partners discuss their educational and career path, students can begin exploring their interests and values and see how they can have an impact on patients, both directly and indirectly, all while advancing the field of medicine and healthcare. The course may also include field trips to nearby labs and companies.

Careers in Medicine SP.252 can count toward the 6-unit discovery-focused credit limit for first-year students. Careers in Medicine SP.252 will be held on Thursdays from 2:00 – 3:30 starting September 9th through December 9th.

Class Schedule and Guest Speakers

- Sep 9th** **Introduction to Prehealth and Course Overview**
- Sep 16th** **Current students pursuing careers in medicine and healthcare**
Career paths: MD, PhD, MS, Public Health
- Sep 23rd** **Gaudalupe Hayes-Mota '08, MS, MBA | <https://www.guadalupehayesmota.com/>**
BS, Chemistry
A healthcare and biotech leader, with a specific focus on helping biopharmaceuticals, hospitals, clinics, government, and non-profits
- Sep 30th** **Dr. Vivian Lee, MD, PhD, MBA | <https://vivianleemd.com/about-1>**
BA, Biochemical Sciences
President of Health Platforms at Verily Life Sciences and a passionate champion of improving health in the US and worldwide.
- Oct 7th** **Dr. Jacqueline Greene '07, MD**
BS, Materials Engineering
A facial plastic & reconstructive surgery fellow at Mass Eye & Ear. Dr. Greene received her MD from UCSD.
- Oct 14th** **Dr. David Rapoport '70, MD | <https://www.mountsinai.org/profiles/david-rapoport>**
SB, Physics
Director of Research in Integrative Sleep Medicine at Icahn School of Medicine at Mount Sai
- Oct 21st** **Afua Banful '03, PhD Economics | <https://soundhealthadvisory.com/about/>**
BS, Materials Science & Engineering & Economics
A nationally-known expert in growth strategies for hospitals and health systems and serves as the founder of Sound Health Advisory LLC.
- Oct 28th** **Dr. Cecilia Stuopis '90, MD | medical.mit.edu/find-a-provider/cecilia-warpinski-stuopis**
BS, Aeronautical and Astronautical Engineering
The Medical Director at MIT where she is responsible for the medical & mental health services at institute.



Nov 4th

Dr. Shipli Epstein '94, MD

BS, Chemical Engineering with Biology minor

Dr. Epstein is a pediatric cardiologist and is currently the Medical Director at [Rocket Pharmaceuticals](#), an organization developing best-in-class curative gene therapies for rare childhood disorders.

Nov 18th

Angela Koehler PhD | <https://be.mit.edu/directory/angela-koehler>

BA, Biochemistry and Molecular Biology

As an Associate Professor of Biological Engineering at MIT, Dr. Koehler's lab focuses on building chemical tools and methods for studying temporal aspects of transcriptional regulation in development and disease with a focus on cancer.

Dr. Koehler is also a member of the [Committee on PreHealth Advising at MIT](#) (COPA)

Dec 2nd

Kristin Nuckols OTD and Richard Nuckols PhD

Hand Recovery from the Comfort of Home

<https://otd.harvard.edu/explore-innovation/technologies/hand-recovery-from-the-comfort-of-home/>

***Kristin** holds a Masters of OT from James Madison Univ and a Doctor of Occupational Therapy (OTD) from Boston University. Kristin is the Co-Founder & Clinical Programming Lead at Imago Rehab, a medical device company enabling superior recovery stroke survivors through home-use wearable robotics and digital health.*

***Richard** holds a BS, Mechanical Engineering from Virginia Tech and a PhD in Bioengineering and Biomedical Engineering from UNC Chapel Hill/NC State. Richard uses his background in engineering, biomechanics, and clinical understanding to develop assistive technologies and wearable robotics for clinical gait rehabilitation.*

Dec 9th

Final Class