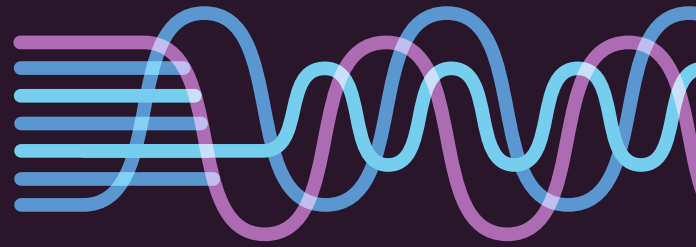




# Safe, Ethical, and Cost-Effective Use of AI in Healthcare: Critical Topics for Senior Leadership



## Overview

April 26 - 27, 2022

Fee: \$9,000

## Program Description

Today, healthcare executives are being bombarded with all kinds of promises about AI's potential for their business and clinical operations. But what is AI reality and what is AI snake oil? And, once you've separated the two, how can senior leaders create a business model and organizational framework that ensures AI's maximal benefits within healthcare and healthcare systems? Moreover, AI expertise is needed beyond advancing patient care in areas such as business process improvement, quality improvement, patient experience management, and effectively using digital interventions.

In this executive program, participants will learn from Stanford faculty and industry experts how healthcare executives and policymakers create frameworks to ensure that AI deployment within healthcare settings can optimize workflows within both the clinical and business environments. Target metrics include ensuring that the AI tools you select:

- Are useful in varying healthcare environments
- Are resilient to changes in underlying data
- Encourage fair allocation of resources
- Support your people, your clients, and your desired health and business outcomes

We will review strategies for designing the structure of care in the presence of autonomous agents working in tandem with human members of the care team to manage the journey from health, to care, to health again; as well as the policy, ethical and legal issues that need attention to craft a compelling business case for the use of AI in healthcare.

Together, we will learn how executives can make safe, ethical, and cost effective use of AI technologies in the clinic itself and in the business of healthcare more broadly.

## Who Should Attend

Healthcare Executives, Board Members, and Policymakers who need a clear-eyed understanding of AI's potential within healthcare and healthcare systems. You and your organization must assess AI's real potential-- and dangers-- within your business plan, identify where AI is and is not truly effective within the healthcare industry. You need a trusted source to help you cut through the fog of information (and misinformation) out there about AI in healthcare, to separate AI reality from AI snake oil.

- Senior executives and board members-- from any size company or industry requiring particular knowledge of AI in healthcare today. **CTOs and CIOs of healthcare systems will find this program particularly useful.**
- Key decision-makers and executives seeking a better understanding of the implications of AI for their corporate strategy and business plans.
- Policymakers and regulators needing to understand key regulatory considerations around AI in healthcare today.
- Example titles and functions: chief technology or chief information officer, chief executive officer, board member/ director, chief strategy officer, chief innovation officer, other c-suite roles, VP, executive director, or director overseeing AI in key business functions, clinical environments, innovation, technology policy, finance, legal areas, and more.

## Key Benefits

Participants will:

- Explore leading research and business cases to identify best current practices for AI in healthcare to take back to your organization
- Acquire tools for distinguishing AI's actual capabilities within healthcare organizations today from false promises about AI's capabilities ("AI snake oil"), increasing the likelihood of reaping the benefits in your organization
- Draft and receive feedback on your AI business plan from experts in healthcare and healthcare system administration

***No technical AI or computing skills are required for this executive program.***

## More Information

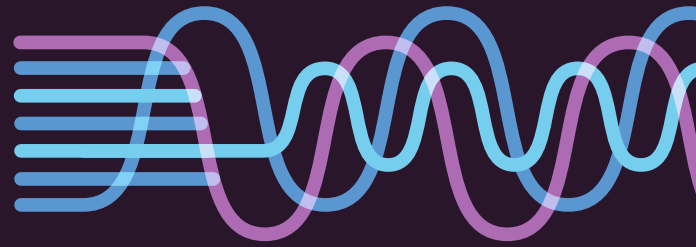
Awarded: Certificate of Participation

Contact: [hai-education@stanford.edu](mailto:hai-education@stanford.edu)

APPLY TO THE PROGRAM



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## Application Information

**This Stanford HAI Executive Education program is designed for leaders who are in a position to make impact in their organization.**

## What We Look For in Your Application

We seek uniqueness and potential for positive impact. Active and engaged participants who expect to be challenged, to grow, and to learn. Individuals who desire the knowledge, Stanford frameworks, and a network that will accelerate their professional impact. From these personal characteristics and mindsets, we will shape a Stanford HAI Executive Education cohort that will equip high-impact decision-makers with the foundation they need to make positive impacts on their organization. As you prepare your application materials, be sure to include:

- A brief description of how you plan to use the lessons and materials from the program to create significant impact in the future-- in your organization or elsewhere.
- Your top two questions coming into the program.
- A brief description of your firm and portfolio.

[APPLY TO THE PROGRAM](#)

## Lead Faculty



### Nigam Shah

Dr. Shah is the Co-Director of the Stanford Center for Artificial Intelligence in Medicine and Imaging, Professor of Medicine (Biomedical Informatics) at Stanford University, and Associate CIO for Data Science at Stanford Healthcare. His research focuses

on combining machine learning and prior knowledge in medical ontologies to enable use cases of the learning health system. Dr. Shah received the AMIA New Investigator Award for 2013 and the Stanford Biosciences Faculty Teaching Award for outstanding teaching. He was elected into the American College of Medical Informatics (ACMI) in 2015 and was inducted into the American Society for Clinical Investigation (ASCI) in 2016.

## Additional Faculty



**Dr. Langlotz** is Professor of Radiology and Biomedical Informatics and Director of the Center for Artificial Intelligence in Medicine and Imaging, which supports outstanding interdisciplinary artificial intelligence research that optimizes how clinical images are used to promote health. As Associate Chair for Information

Systems and a Medical Informatics Director for Stanford Health Care, he is also responsible for the computer technology that supports the Stanford Radiology practice, including 7 million imaging studies that occupy 0.7 petabytes of storage. He is a founder and past president of the Radiology Alliance for Health Services Research (RAHSR), and has served as president of the Society for Imaging Informatics in Medicine (SIIM), and the College of SIIM Fellows. Dr. Langlotz currently serves on the Board of Directors of the Radiological Society of North America (RSNA) as Liaison for Information Technology. Dr. Langlotz has founded three healthcare information technology companies, most recently Montage Healthcare Solutions, which was acquired by Nuance Communications in 2016.