A MESSAGE FROM THE DEAN

Since its founding in 1810 as the Medical Institution of Yale College, Yale School of Medicine has conferred 10,080 medical degrees. We educate physician-scientists and leaders, with a focus on our innovative biomedical research and advancing the care that our Yale Medicine physicians provide.

Basic translational research is helping us identify drivers of the growth and spread of cancer and resistance to drugs that new therapies can target. We are advancing the science of healthy aging and studying how metabolism, immune response, the microbiome, and brain-body communication contribute to chronic disease. Our researchers lead the way in decoding rare diseases and developing gene therapies to treat them. In the neurosciences, we are making progress in understanding the intricacies of the brain and gaining insight about the underpinnings of neurodegenerative diseases, stroke, neurodevelopmental disorders, addiction, and depression. We are devoting extensive resources to developing and obtaining new technologies to study cells, genes, and other essential structures of life in atomic detail. At the same time, we are committed to developing data science, AI, and bioinformatics methods for biomedical and clinical research.

Our researchers and clinicians also collaborate to advance personalized medicine and to improve health of all. Translational researchers have developed novel therapies to treat obesity and to prevent diabetes. The ability to link whole-genome sequencing to a patient's health record is creating possibilities for predicting diseases and targeting therapies. The use of data science and AI enables the identification of individuals and populations at greatest risk for a disease and enables us to tailor preventive strategies. We engage our community in prioritizing clinical research. In this way, every patient can benefit from discovery.

Our education program fosters curiosity and critical thinking. The courses described in this bulletin represent a curriculum continually refined through self-evaluation and by incorporating best educational practices from peer institutions and other disciplines. Our program combines personal interaction with distinguished faculty with effective technology tools that promote interactive learning and innovative teaching.

Welcome to Yale School of Medicine.

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