THE
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PAUL TANG, M.D., M.S.

HARNESSING AI AT THE POINT OF CARE

APRIL 12, 2018

4:00 P.M.

208 LIGHT HALL

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THE
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Upcoming Discovery Lecture:

TERRY L. ORR-WEAVER, Ph.D.

Professor of Biology, Massachusetts Institute of Technology

Member, Whitehead Institute for Biomedical Research

April 26, 2018

208 Light Hall / 4:00 P.M.

VANDERBILT **V** UNIVERSITY

MEDICAL CENTER

HARNESSING AI AT THE POINT OF CARE

PAUL TANG, M.D., M.S.

VICE PRESIDENT, CHIEF HEALTH TRANSFORMATION OFFICER, IBM WATSON HEALTH

BOARD-CERTIFIED PRACTICING INTERNIST, PALO ALTO MEDICAL FOUNDATION

Artificial intelligence has made the rounds before in the 1980s, without leaving palpable benefit. The world has changed dramatically - in healthcare and technology. How can healthcare harness AI to make a real difference in individual health and healthcare? What is the role of AI in transforming the way healthcare professionals weigh the evidence to partner with individuals to improve health? Start by understanding the true information problem-to-solve, and work towards building the tools to help empower the learning health system. What is the intersection of technology and humanity?

Paul Tang, M.D., M.S., is Vice President, Chief Health Transformation Officer at IBM Watson Health, and a board-certified practicing internist at the Palo Alto Medical Foundation. Prior to joining Watson Health, Dr. Tang was Chief Innovation and Technology Officer at the Palo Alto Medical Foundation, directing the David Druker Center for Health Systems Innovation, a disruptive innovation center focused on grand challenges in health. Dr. Tang has dedicated his professional career to improving the quality of health care in America, innovative uses of health information technology (HIT), empowering patients through HIT, and shaping public policy to enhance health and health care in the US. He is an elected member of the National Academy of Medicine, and has served on numerous NAM study committees, including a patient-safety committee he chaired that published two reports: Patient Safety: A New Standard for Care, and Key Capabilities of an Electronic Health Record System. Dr. Tang was co-chair of the federal Health Information Technology Policy committee from 2009-2017. He has served as board chair for several health informatics professional associations, including the American Medical Informatics Association (AMIA). Dr. Tang serves on the Board of AcademyHealth. He is a recipient of the AMIA Don E. Detmer Award for Health Policy Contributions in Informatics. He has published numerous papers in medical informatics, especially related to electronic health records, personal health records, health care quality, and public policy. Dr. Tang received his B.S. and M.S. in Electrical Engineering from Stanford University and his M.D. from the University of California, San Francisco.