



**STS FORUM WORKSHOP**  
Science and Technology in Society forum

# TRANSFORMING HEALTHCARE IN THE AGE OF A.I., BIG DATA, AND ROBOTICS

Monday, January 13, 2020  
IBM ThinkLab  
590 Madison Ave., New York, NY 10022

American Associates of the STS forum (AA-STS) 501(C)(3)  
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## GUEST OF HONOR



**Mr. Koji Omi** is Founder and Chairman Science and Technology in Society *forum* (STS forum) After graduation from Hitotsubashi University, Koji Omi joined the Ministry of International Trade and Industry (MITI) in 1956 and served as Consul at Consulate in New York; Director, South Asia & Eastern Europe Div. Trade Policy Bureau; Director, Admin. Div. Science and Technology Agency; Director-General, Guidance Dept. Small & Medium Enterprise Agency. He was elected in 1983 for House of Representatives and served as Minister of Finance (2006-07), Minister of State for S&T Policy for Okinawa and Northern Territories Affairs (2001-02), and Minister of State for Economic Planning (1997-98). He played a central role in enacting the Fundamental Law of S&T in

1995 and the founding of the Okinawa Institute of Science and Technology. In 2004 he founded the Science and Technology in Society (STS) *forum*. Koji Omi was awarded honorary doctorates from Universiti Teknologi Malaysia (UTM) in 2013, Univ. of York in January 2014, and Univ. of Quebec in June 2014.

## MODERATOR



**Dr. Henry A. McKinnell** is Chairman of Moody's, a past Chairman and CEO of Pfizer, and the co-Founder of the Infectious Disease Institute, an organization dedicated to fighting infectious diseases in Africa by strengthening academic medical centers and building healthcare capacity through research, training, prevention, care, and treatment. Hank joined Pfizer Inc. in 1971 in Tokyo and over the years held positions of increasing responsibility around the world including serving as Chairman and CEO. Hank served as Chairman of The Business Roundtable, PhRMA, the Food and Drug Law Institute, and is a Life Trustee of the Japan Society. Hank holds a Bachelor's Degree in business from

the University of B.C., and M.B.A. and Ph.D. degrees from the Stanford University Graduate School of Business. Recipient Grand Cordon of the Order of the Rising Sun.

## CO-HOSTS



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**Dr. Bernard Meyerson** is an IBM Fellow, and served as IBM's first Chief Innovation Officer beginning in 2010. In 2013, his team integrated into IBM's Corporate Strategy function, responsible for the definition and execution of corporate-wide technical and business initiatives. In 2019 he transitioned to Chief Innovation Officer Emeritus, continuing his work with key IBM Clients. He is also a Fellow of the American Physical Society and the Institute of Electrical and Electronics Engineers and a member of the National Academy of Engineering.

## PANELISTS

**Dr. Shiva Kumar** is currently Chief Strategy Officer & Head of Business Development of IBM's Watson Health. For the past several years he has provided the impetus for IBM to build a "Cognitive" business in Health and Life Sciences. Shiva joined IBM in 2003 and has been in leadership roles in IBM's Enterprise Transformation organization, IBM Research, and IBM's Corporate Strategy function. Prior to joining IBM, Shiva worked at McKinsey & Company and Yale University. Dr. Kumar received an M.Sc. from the Indian Institute of Technology, Kanpur, India, and a Ph. D. from Yale University, both in Physics.



**Dr. Catherine Mohr** is President of the Intuitive Foundation, the corporate foundation of Intuitive Surgical, manufacturer of the daVinci surgical system. In this role she invests in research and development programs aimed at understanding and improving education of medical practitioners around the world and applying novel technologies aimed at reducing the global burden of disease. Dr. Mohr received her BS and MS in mechanical engineering from MIT, and her MD from Stanford University School of Medicine. She has been involved with numerous startup companies in the areas of alternative energy transportation, high altitude aircraft, high efficiency fuel cell power systems, computer aided design software, and medical devices.



**Dr. Donald Yin** is Vice President of Economic and Data Sciences at the Center for Observational and Real-world Evidence (CORE) of Merck & Co, Inc. He has more than 20 years of academic and industry experience in health economics and data sciences. He has authored or co-authored more than 80 scientific articles. Before joining Merck, Dr. Yin was an Assistant Professor of Health Economics at the University of Pennsylvania and a Senior Fellow at the Leonard Davis Institute of Health Economics. He received his Ph.D. from the Wharton School of the University of Pennsylvania.



## PROCEEDINGS

- 10:30 AM** Opening Remarks
- 10:50 AM** Panel Discussion
- 11:20 AM** Table Discussion
- 12:05 PM** Discussion Report
- 12:50 PM** Closing Remarks
- 01:00 PM** Buffet Lunch



# American Associates of the STS forum

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SCIENCE AND TECHNOLOGY IN SOCIETY FROM - A GLOBAL MOVEMENT FOR A SUSTAINABLE FUTURE

*At the American Associates of the STS forum (AA-STS), our mission is to support the Science and Technology in Society forum (STS forum), a worldwide movement of top leaders from different constituencies to discuss "Lights and Shadows of Science and Technology" from the long-term viewpoint of humankind, by securing the best contents and fund-raising opportunities from the U.S.*

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