

# Appendix F:

## Commissioner Bios

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### **Dr. Eric Schmidt, Chair**

Dr. Eric Schmidt is an accomplished technologist, entrepreneur, and philanthropist. He joined Google in 2001 and helped grow the company from a Silicon Valley startup to a global leader in technology alongside founders Sergey Brin and Larry Page. Schmidt served as Google's Chief Executive Officer and Chairman from 2001 to 2011, as well as Executive Chairman and Technical Advisor. Under his leadership, Google dramatically scaled its infrastructure and diversified its product offerings while maintaining a strong culture of innovation.

In 2017, he co-founded Schmidt Futures, a philanthropic initiative that bets early on exceptional people making the world better. Schmidt is the host of "Reimagine with Eric Schmidt," a podcast series of conversations with leaders to explore how society can build a brighter future after the COVID-19 pandemic.



### **The Honorable Robert Work, Vice Chair**

Robert Work was the 32nd Deputy Secretary of Defense, serving alongside three Secretaries of Defense from May 2014 to July 2017. In 2001, he retired as a Colonel in the United States Marine Corps after spending 27 years on active duty. He subsequently served as Senior Fellow and Vice President and Director of Studies at the Center for Strategic and Budgetary Assessments. In January 2009, he was asked to join the Obama administration as the 31st Under Secretary of the Navy, and was confirmed in that role in May 2009. Work stepped

down as the Under Secretary in March 2013 to become the Chief Executive Officer for the Center for a New American Security (CNAS). He remained in that position until he assumed the role of Deputy Secretary of Defense in May 2014. He currently is the President and Owner of TeamWork, LLC, which specializes in defense strategy and policy, programming and budgeting, military-technical competitions, revolutions in war, and the future of war.



### **Safra Catz**

Safra A. Catz has served as chief executive officer of Oracle Corporation since 2014 and a member of the company's board of directors since 2001. She joined Oracle in 1999 and held various positions within the company, including President and Chief Financial Officer, prior to being named CEO. Catz currently serves as a director of The Walt Disney Company and previously served as a director of HSBC Holdings plc.



### **Dr. Steve Chien**

Dr. Steve Chien is a Technical Fellow, Senior Research Scientist, and the Technical Group Supervisor of the Artificial Intelligence Group at the Jet Propulsion Laboratory, California Institute of Technology. Chien has led the deployment of AI software to a wide range of missions. He is currently supporting the development of onboard and ground automated scheduling for the Mars 2020 rover mission, as well as scheduling technologies for the ECOSystem Spaceborne Thermal Radiometer Experiment on Space Station (ECOSTRESS) and Orbiting Carbon

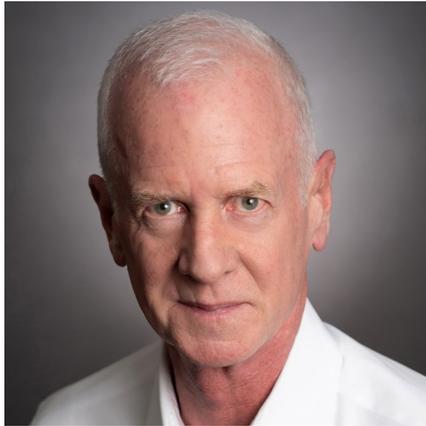
Observatory 3 (OCO-3). Chien has received numerous awards for these efforts, to include Lew Allen Award for Excellence, JPL's highest award recognizing outstanding technical achievements by JPL personnel in the early years of their careers. He has been recognized four times in the NASA Software of the Year competition and has received four NASA medals for his work in AI for space. In 2011, Chien was awarded the inaugural American Institute of Aeronautics and Astronautics Intelligent Systems Award for his contributions to spacecraft autonomy.



### **The Honorable Mignon Clyburn**

Mignon L. Clyburn served as Commissioner on the Federal Communications Commission (FCC) from 2009 to 2018, and acting chair from May to November of 2013. During her nearly nine years at the FCC, Mignon was committed to closing persistent digital and opportunities divides that continue to challenge rural, Native, and low wealth communities. Previously, Clyburn served for 11 years on the South Carolina Public Service Commission. Prior to that, she was the publisher and general manager of the Coastal Times,

a family-founded, Charleston-based weekly newspaper focusing on issues affecting the African American community. Clyburn is currently the principal of MLC Strategies, LLC.



### **Christopher Darby**

Christopher Darby has served as President and CEO of In-Q-Tel since September 2006. He is also a member of its Board of Trustees. Prior to joining In-Q-Tel, Darby was a Vice President and General Manager at Intel, where he oversaw the Middleware Products Division. He joined Intel in August 2005 with the acquisition of Sarvega, a venture-backed supplier of XML networking and security products, where he served as President and CEO. Prior to Sarvega, Darby was the Chairman and CEO of @stake, an Internet security consulting firm ultimately acquired by Symantec. Before that, Darby served as President and CEO of Interpath Communications, which was later acquired by US Internetworking. Earlier in his career, he held several executive positions at Digital Equipment Corporation (now Hewlett-Packard) and Northern Telecom (now Nortel Networks). Chris began his career at Bell Northern Research.



### **Dr. Kenneth Ford**

Dr. Kenneth Ford is Founder and CEO of the Institute for Human & Machine Cognition. His research interests include AI, human-centered computing, and human performance and resilience. Ford is a Fellow of the Association for the Advancement of AI (AAAI), and a charter Fellow of the National Academy of Inventors. He has received many awards and honors including the Doctor Honoris Causas from the University of Bordeaux in 2005, the 2008 Robert Englemore Award for his work in AI, and the AAAI Distinguished Service Award in 2015. In 2015, he was elected as Fellow of the American Association for the Advancement of Science and in 2017 was inducted into the Florida Inventors Hall of Fame. Ford has served on the National Science Board, the Air Force Science Advisory Board, and the Defense Science Board. In 2008, he was named as Chairman of the NASA Advisory Council – a capacity in which he served through 2011. In 2010, Ken was awarded NASA's Distinguished Public Service Medal – the highest honor the agency confers.



### **Dr. José-Marie Griffiths**

Dr. José-Marie Griffiths is president of Dakota State University in Madison, South Dakota. Griffiths has spent her career in research, teaching, public service, corporate leadership, economic development, and higher education administration. She has served in presidential appointments to the National Science Board, the U.S. President's Information Technology Advisory Committee, and the U.S. National Commission on Libraries and Information. Griffiths has led projects for more than 28 U.S. federal agencies such as the National Science Foundation

and NASA, and more than 20 major corporations including, AT&T Bell Laboratories and IBM, in more than 35 countries. She also has worked with seven major international organizations, including NATO and the United Nations. She has received over 20 significant awards in science, technology, teaching, and the advancement of women in these fields.



### **Dr. Eric Horvitz**

Dr. Eric Horvitz is a technical fellow at Microsoft, where he serves as the company's first Chief Scientific Officer. Horvitz provides cross-company leadership and perspectives on advances and trends on scientific matters, and on issues and opportunities arising at the intersection of technology, people, and society. He is recognized for his research on challenges and opportunities with the uses of AI technologies amidst the complexities of the open world. Horvitz is the recipient of the Feigenbaum Prize and the Allen Newell Prize for contributions to AI.



### **Andrew Jassy**

Andy Jassy is the founder and CEO of Amazon Web Services (AWS), the world's most comprehensive and broadly adopted cloud platform. Jassy launched AWS in 2006 and has managed an inventive and nimble team that has delivered more than 165 services for compute, storage, networking, databases, analytics, mobile, Internet of Things, Artificial Intelligence, security, hybrid, and enterprise applications. Prior to founding AWS, Jassy held

several leadership positions across Amazon. Shortly after joining the company in 1997, he authored the business plan for Amazon's Music business and served as its Director of Product Management and General Manager. Jassy also started the Amazon Customer Relationship Management team, led marketing for Amazon, and was Technical Advisor (shadow) to Amazon Founder and CEO Jeff Bezos.



### **Gilman Louie**

Gilman Louie is Co-Founder and Partner of Alsop Louie Partners, an early-stage technology venture capital firm founded in 2006. From 1999 until 2006, Louie was the first CEO of In-Q-Tel. Prior to In-Q-Tel, Louie built a career as a pioneer in the interactive entertainment industry, during which he founded and ran a publicly traded company called Spectrum HoloByte, and served as Chief Creative Officer of Hasbro Interactive. He serves as a member of the Board of Directors for the Markle Foundation, Maxar Technologies, Niantic, Lookingglass Cyber Solutions,

Aurora Insights and various other private companies and non-profit foundations. He is also Chairman of the Board of the Federation of American Scientists. Louie has served as a member of the Technical Advisory Group of the United States Senate Select Committee on Intelligence, and as a Commissioner of the National Commission for Review of Research and Development Programs of the United States Intelligence Community. He has received dozens of awards for his achievements, including from the NGA, CIA, and DNI, and in 2002 was named as one of fifty scientific visionaries by Scientific American.



### **Dr. William Mark**

Dr. William Mark leads SRI International's Information and Computing Sciences division, creating new technology in machine learning, virtual personal assistance, trusted systems, and speech and vision analytics. The group also commercializes technology, licensing to corporations and creating spinoff companies such as Siri, Kasisto, CurieAI, and LatentAI. Prior to joining SRI International, Mark headed research groups at National Semiconductor, Lockheed Martin, and the University of Southern California Information Sciences Institute.



### **Dr. Jason Matheny**

Dr. Jason Matheny is the founding director of Georgetown University's Center for Security and Emerging Technology (CSET). Previously he served as Assistant Director of National Intelligence, and Director of IARPA, responsible for the development of breakthrough technologies for the U.S. intelligence community. Before IARPA, he worked at Oxford University, the World Bank, the Johns Hopkins University Applied Physics Laboratory, the Center for Biosecurity, and Princeton University, and was the co-founder of two biotechnology companies.



### **The Honorable Katharina McFarland**

Katharina McFarland serves as Chairman of the Board of Army Research and Development at the National Academies of Science, and as a Director on the Boards of SAIC, Exyn Technologies, and the Procurement Round Table. With more than 30 years of government service, McFarland is widely recognized as a leading subject matter expert on government procurement. She also serves as an advisor to Raytheon Missile Systems Division Senior Advisory Board, Cypress International Senior Strategy Group, Transunion Corporation Advisory

Board, and Sehlke, Inc. Senior Advisory Board. From 2012 to 2017, McFarland served as the Assistant Secretary of Defense for Acquisition and as acting Assistant Secretary of the Army (Acquisition, Logistics & Technology) from 2016-2017. She was President of the Defense Acquisition University from 2010 to 2012, and the Director of Acquisition at the Missile Defense Agency from 2006 to 2010. She has received an Honorary Doctoral of Engineering from the University of Cranfield in the United Kingdom, the Presidential Meritorious Executive Rank Award, the Secretary of Defense Medal for Meritorious Civilian Service Award, the Department of the Navy Civilian Tester of the Year Award, and the Navy and United States Marine Corps Commendation Medal for Meritorious Civilian Service.



### **Dr. Andrew Moore**

Dr. Andrew W. Moore is a distinguished computer scientist with expertise in machine learning and robotics. He became the head of Google Cloud Artificial Intelligence division in January 2019. Moore previously worked at Google from 2006 to 2014 and was the founding director of Google's Pittsburgh engineering office in 2006. He then spent a four-year hiatus at Carnegie Mellon University as the dean of the School of Computer Science. Moore's research interests encompass the field of "big data" — applying statistical methods and mathematical

formulas to massive quantities of information, ranging from web searches to astronomy to medical records, in order to identify patterns and extract meaning from that information. His past research has included improving the ability of robots and other automated systems to sense the world around them and respond appropriately.

