### Health Transformation



### Mark T. Maybury, Ph.D.

### Chief Security Officer Vice President, Director National Cybersecurity FFRDC

Dr. Mark Maybury is the chief security officer at MITRE and vice president and director of the National Cybersecurity FFRDC, which MITRE operates for the

National Institute of Standards and Technology. In these roles, he manages the overall cybersecurity strategy for the company, including outreach and partnerships, aligning and developing strategies and resources to realize MITRE's next generation cybersecurity vision.

From 2010 to June 2013, Dr. Maybury served as the chief scientist of the Air Force. His responsibilities included advising the Chief of Staff and Secretary of the Air Force and providing assessments on a wide range of scientific and technical issues affecting the Air Force mission. Dr. Maybury also led strategic studies in energy, cybersecurity, and global science and technology.

Prior to this, as executive director of MITRE's Information Technology Division, Dr. Maybury oversaw the advanced research and development work for a wide variety of intelligence and defense systems.

Since joining MITRE in 1990, he has held several leadership roles in areas such as speech and natural language, artificial intelligence, and advanced information systems technology.

Dr. Maybury remains a member of the Air Force Scientific Advisory Board, and sits on both the Defense Science Board and the Homeland Security Science and Technology Advisory Committee. He is a fellow in both the IEEE and the Association for the Advancement of Artificial Intelligence.

Prior to joining MITRE, Dr. Maybury was a U.S. Air Force officer, serving as research team chief and then program manager at Rome Air Development Center, Griffiss Air Force Base.

Dr. Maybury has authored or edited 10 books and more than 60 refereed publications. He holds patents for both broadcast news understanding (6,961,954) and personalcasting (7,386,542).

Dr. Maybury received a B.S. in Mathematics from College of the Holy Cross, an M.S. in Computer Speech and Language Processing from Cambridge University, England, an M.B.A. from Rensselaer Polytechnic Institute, and a Ph.D. in Artificial Intelligence from Cambridge University.

#### CMS Alliance to Modernize Healthcare

Serving the Department of Health and Human Services and sponsored by the Centers for Medicare & Medicaid Services, the CMS Alliance to Modernize Healthcare (CAMH) is the nation's first federally funded research and development center broadly focused on healthcare.

The MITRE Corporation is a not-forprofit organization that operates research and development centers sponsored by the federal government. Our centers support our sponsors with scientific research and analysis, development and acquisition, and systems engineering and integration. We also have an independent research program that explores new and expanded uses of technologies to meet our sponsors' needs.

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MITRE Public Affairs 781–271–2412 media@mitre.org

Christine Scaplen 978–505–1915 (mobile) media@mitre.org



### Health Transformation



#### **Kimberly Warren**

Acting Director, CMS Alliance to Modernize Healthcare; Portfolio Director

Kimberly Warren is acting director of the CMS Alliance to Modernize Healthcare (CAMH), which works to advance the nation's progress toward an integrated

healthcare system with improved access and quality at a sustainable cost. As a senior leader, Ms. Warren provides strategic leadership and direction for the complex analysis and critical thinking required by business, policy, technology, and operational interests across the health domain.

In her role as portfolio director, Ms. Warren leads MITRE's strategy to identify, shape, accelerate, and implement research, development, and critical program work for the Department of Health and Human Services.

Ms. Warren advises leaders across government, academia, and private industry to bring strategic and practical solutions to meet our nation's goals to transform health and healthcare. She works to align interests and leverage best practices and has extensive contacts with a wide variety of technical and critical-thinking talent. Together, they bring solutions, value, and impact to novel innovations that work.

Having worked across multiple federally funded research and development centers (FFRDCs) at MITRE for more than 25 years, Ms. Warren brings that expertise to bear for the health domain. Earlier, Ms. Warren was the director of MITRE's health-related research and technical capability development and served as chief technologist of the Homeland Security Systems Engineering and Development Institute FFRDC and as the chief architect for MITRE's Center for Advanced Aviation System Development.

Prior to MITRE, Ms. Warren spent several years in industry as a software product development lead for Fortune 500 and international clients. She was the global director for Electronic Product Development at General Motors.

Ms. Warren earned her B.S. in Computer Science from Syracuse University in New York and an M.Sc. in Artificial Intelligence from Edinburgh University in Scotland.

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### Health Transformation



### Linda Fischetti, MS, RN

### Technical Director, Health Transformation Technical Center

"In my role at MITRE, I have the privilege to bring cross–disciplinary teams together to think through and take action on today's most critical health and healthcare issues on behalf of our federal sponsors."

Linda Fischetti leads MITRE's Health Transformation Technical Center, which provides knowledge and strategic guidance to the federal government on health policy, health informatics, health systems engineering, health information technology, and other related areas. The center's physicians, nurses, lawyers, engineers, and experts in health informatics, population health, health communications, and open health information technology services, collaborate on multidisciplinary teams to tackle large, complex issues that affect individual and population health, access to care, quality of care, healthcare operations, and administration and open-source services.

Ms. Fischetti has played foundational roles in projects of both national and international scope, such as the HL7 EHR–S Functional Model, which established a common framework to describe the functions of an electronic health record system and which is now an international standard. After Hurricane Katrina, she participated in a public–private effort to make the health information of those fleeing New Orleans available wherever they needed care in the United States.

Before joining MITRE, Ms. Fischetti served as Vice President of care delivery in the Accountable Care Solutions division of Aetna and as the Chief Health Informatics Officer for the Veterans Health Administration. She spent the first decade of her career as a nurse for children with cancer and HIV at the National Institutes of Health.

She is currently an adjunct associate professor for the executive master's program in Health Systems Administration at Georgetown University's School of Nursing and Health Studies. She is known for writing and speaking about critical emerging issues in healthcare. She earned a BSN in nursing, a certificate of nursing informatics, and an MS in nursing from the University of Maryland, Baltimore.

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### Patrick F. Gerdes, PMP, ACHE, HIMSS Portfolio Director

In his role as portfolio director, Patrick Gerdes is an integral member of the senior leadership team for the Centers for Medicare & Medicaid Services (CMS) Alliance to Modernize Healthcare (CAMH), the nation's first federally funded research and development

center (FFRDC) broadly focused on health and healthcare. CAMH is advancing the nation's progress toward an integrated healthcare system with improved access and quality of care at a sustainable cost. Mr. Gerdes leads and integrates efforts across the CMS portfolio to deliver highpriority, high-impact outcomes for CMS. He also leads the development of MITRE's strategy to identify, shape, accelerate, and implement research, development, and critical program work for CMS, and analyzes the CMS sponsor's needs to ensure that MITRE's activities are fully integrated across CMS and the Department of Health and Human Services (HHS).

He has devoted the last 12 years of his career engaging HHS and CMS on enterprise modernization and managing enterprise-level and healthrelated FFRDC programs. This effort includes providing healthcare systems engineering, information technology, and expert counsel in the areas of concept of operations, solution concept development, program management, risk management, stakeholder analysis, data strategies, business analysis, and knowledge management.

Mr. Gerdes brings more than three decades of experience in system-ofsystems engineering and integration, enterprise architecture, and leading organizations. He was previously in Noblis' Health Innovation Mission Area, where he led critical, strategic initiatives for CMS, the National Institutes of Health, HHS's Office of Medicare Hearings & Appeals, and the Office of e-Health Standards and Services. In the Office of e-Health Standards and Services, he oversaw Noblis' support of the ICD-10 Program Management Office and implementation efforts.

Mr. Gerdes earned a B.S. in Aeronautical & Astronautical Engineering from the Massachusetts Institute of Technology and an M.Sc. in Aeronautical & Astronautical Engineering from Stanford University.

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### Allen S. Krotman Program Technical Director

"At the end of the day, I want to know that I have made a positive difference. I want to help make sure that taxpayers money is spent efficiently and effectively."

As the Program Technical Director, Mr. Allen Krotman has responsibility for bringing MITRE's resources

to deliver transformative outcomes for the Centers for Medicare and Medicaid (CMS), Department of Health and Human Services (HHS), and the Department of Veterans Affairs. His overarching goal is to ensure that MITRE does the right work and the work right for all CAMH projects. Mr. Krotman helps ensure that MITRE's projects all work in coordination to deliver value at a strategic level.

As an expert collaborator, Mr. Krotman's extensive background in management consulting enables him to guide stakeholders with divergent points of view to collaborate and move forward toward mutually beneficial goals. Defining complex program requirements upfront, with all stakeholders present, is the first critical step toward quality, transformative program delivery.

Mr. Krotman has more than 25 years of experience in healthcare services and delivery management across multiple public and privatesector organizations. He has led MITRE's efforts across CMS and many other HHS operating and staff divisions, including the Food and Drug Administration, the National Institutes of Health, the Office of the National Coordinator for Health Information Technology, and the Substance Abuse and Mental Health Services Administration.

Mr. Krotman earned his B.S. in Computer Sciences from Purdue University.

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