2023 FEDERAL HEALTH-AT-HOME TECHNOLOGY SUMMIT

Expanding Patients' Agency in Healthcare: Technologies that Extend Healthcare to the Home

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Technologies that Extend Healthcare to the Home

Virtual Public Meeting

The 2023 Federal Health-at-Home Technology Summit is supported by multiple federal agencies and intended to bring together diverse stakeholders to elevate the discussion on novel technologies that enable health assessment and monitoring at home. The Summit is open to the public and will address issues such as the perspectives of patients and their medical care providers, representatives of regulatory and payer organizations, and federal research funding agencies.

Thank you for joining us. We hope you enjoy the 2023 Federal Health-at-Home Technology Summit!

Organized By

Department of Health and Human Services
Administration for Strategic Preparedness and Response (ASPR)
The Biomedical Advanced Research and Development Authority (BARDA)
Division of Research, Innovation, and Ventures (DRIVe)

The National Institutes of Health (NIH)
The National Institute on Aging (NIA)

Department of Veterans Affairs (VA)
Office of Healthcare Innovation and Learning

AGENDA

February 15, 2023

10:00 – 15:45 ET

Virtual Public Meeting via MS Teams

10:00 – 10:05   **Welcome**

Gary Disbrow, PhD; Director, BARDA

Ryan Vega, MD, MSHA; Chief Officer, Office of Healthcare Innovation and Learning, VA

10:05 – 10:15   **Summit Introduction and Objectives: What is Health-at-Home Tech?**

Sandeep Patel, PhD; Director, BARDA DRIVe

10:15 – 11:15   **Patient and Caregiver Perspectives: Why Does Health-at-Home Matter to Me?**

Jay Newton-Small, MS; CEO and Founder, MemoryWell

Robert Quinn; CEO and Co-Founder, Patchd

Gene Wang; Chairman, Chief Scientist, and Co-Founder, Care Daily

Moderator: Dana Plude, PhD; Deputy Director, Division of Behavioral and Social Research, NIA

11:15 – 12:15   **Health Care Provider's Perspective: How Can Health-at-Home Improve Patient Care?**

Blake Anderson, MD; Founder and CEO, Switchboard; Chief Health Informatics Officer, Atlanta VA Medical Center

Cole Zanetti, DO, MPH; Acting Director, Value Based Care, VA Center for Care and Payment Innovation

Moderator: Anne Bailey, PharmD, BCPS; Director, Clinical Tech Innovation, VA Office of Healthcare Innovation and Learning

12:15 – 13:00   **Advancing Health Equity: How Can Health-at-Home Work for All?**

Jennifer Goldsack, MChem, MA, MBA; Co-Founder and CEO, Digital Medicine Society

Susan Gregurick, PhD; Associate Director for Data Science and Director of the Office of Data Science and Strategy, NIH

Beth Jaworski, PhD; Social and Behavioral Sciences Administrator, NIH/Office of Behavioral and Social Sciences Research

Moderator: Šeila Selimović, PhD; Branch Chief, BARDA DRIVe

13:00 – 13:30   **Break**

13:30 – 14:15   **Logistics: How Do We Get Health-at-Home Tech into People's Homes?**

Matt Humbard, PhD; Testing and Diagnostics Domain Lead, HHS/ASPR

Barry Lutz, PhD; Associate Professor of Bioengineering, University of Washington

Sean Parsons, MBBS; Founder, CEO, and Managing Director, Ellume

Moderator: Gina Conenello, PhD; Program Officer, BARDA DRIVe

14:15 – 15:00   **How Can Investors and Payers Contribute to Technology Development?**

Bruce Greenstein, MS; Executive Vice President and Chief Strategy and Innovation Officer, LHC Group

William Padula, PhD; Assistant Professor of Pharmaceutical & Health Economics, University of Southern California

Mona Siddiqui, MD, MPH, MSE; Senior Vice President, Home Clinical Operations, CenterWell

Damien Soghoian, PhD; Partner, Global Health Investment Corporation

Arti Tandon, PhD; Digital Health Specialist, Digital Health Center of Excellence, Center for Devices and Radiological Health, FDA

Moderator: Kimberly Sciarretta, PhD; Branch Chief, BARDA DRIVe

15:00 – 15:30   **Why Is the Government Investing in Health-at-Home Technologies?**

Anne Bailey, PharmD, BCPS; Director, Clinical Tech Innovation, VA Office of Healthcare Innovation and Learning

Dana Plude, PhD; Deputy Director, Division of Behavioral and Social Research, NIA

Kimberly Sciarretta, PhD; Branch Chief, BARDA DRIVe

Moderator: Šeila Selimović, PhD; Branch Chief, BARDA DRIVe

15:30 – 15:45   **Closing**

Šeila Selimović, PhD; Branch Chief, BARDA DRIVe

SPEAKER BIOGRAPHIES

Gary Disbrow, PhD

Director // HHS/ASPR/BARDA
Deputy Assistant Secretary for Preparedness and Response // HHS/ASPR

Dr. Disbrow joined BARDA in January of 2007 and has held a variety of positions related to the advanced development and procurement of medical countermeasures against an array of threats to national security and public health. Prior to becoming the BARDA Director, he served as acting BARDA Director, Deputy Assistant Secretary of ASPR and Medical Countermeasures Program Director. In October 2013, Dr. Disbrow was named Acting Director of the Chemical, Biological, Radiological and Nuclear (CBRN) Division and was subsequently named the Director of the Division in December of 2014. During that time, the CBRN Division built a robust pipeline of candidate products under advanced research and development. In 2014 and 2015, Dr. Disbrow was identified as the Ebola Incident Coordinator for BARDA and worked closely with the BARDA Director on funding needs, development of candidate products, and was the primary liaison for BARDA across the Public Health Emergency Medical Countermeasures Enterprise (PHEMCE). These efforts led to the first licensed Ebola vaccine, ERBEVO licensed in December 2019. In October 2008, Dr. Disbrow began serving as the Deputy Director of the CBRN Division of Countermeasures and oversaw the budget and programs for both advanced research and development and Project BioShield efforts. Upon joining BARDA in January 2007, he began working on the smallpox vaccine program. Dr. Disbrow played a key role in awarding the first contract under Project BioShield using the authorities for advanced payment and milestone payments provided under the Pandemic and All-Hazards Preparedness Act (2006). JYNNEOS was licensed in September 2019. Prior to joining BARDA, Dr. Disbrow was an Assistant Professor of Oncology and Pathology at Georgetown Medical Center where he worked on human papillomavirus (HPV) vaccines and therapeutics. he has previously worked at W.R. Grace, Kodak, and Genecor, and he attended the University of Rochester and Georgetown University for his undergraduate and PhD, respectively.

Ryan Vega, MD, MSHA

Chief Officer, Healthcare Innovation and Learning // VA/VHA Office of Discovery, Education & Affiliate Networks

Dr. Vega serves as the Chief Officer for the Office of Healthcare Innovation and Learning as part of the VHA DEAN Office (Discovery, Education and Affiliate Networks). In this role, he has direct responsibility for (1) fostering the discovery and spread of grassroots and strategic innovative solutions, practices and products across VA; (2) advancement of competencies in innovation and simulation through workforce development; (3) combining the use of clinical simulation and training to further enhance the utilization and uptake of emerging healthcare technology in clinical practice; (4) developing innovative approaches to testing payment and service delivery models to reduce expenditures while preserving or enhancing quality of care; and (5) advancing the use of clinical training and simulation to advance VHA's mission of becoming a high reliability organization. Dr. Vega holds academic appointments as an Adjunct Assistant Professor in the Department of Health Administration at Georgetown

University as well as a Clinical Assistant Professor of Medicine at George Washington University. Prior to his current position, Dr. Vega served as the Chief Quality Officer at the Richmond VA Medical Center and Assistant Professor of Medicine at the VCU Health System. He also recently served for two years as the Chair of the National Quality, Safety, and Value Council for the Electronic Health Record Modernization (EHRM) effort. Dr. Vega completed his residency training in internal medicine at the VCU Health System in 2015 where he also served as Chief Medical Resident and the VA Chief Resident for Quality and Safety. With eight years of clinical training and experience, Dr. Vega is board certified in Internal Medicine and has been involved in research and practice in the areas of health informatics, clinical quality improvement, patient safety, and clinical innovation and implementation. He is a graduate of the Intermountain Advanced Training Program in Clinical Quality Improvement and his partnerships extend to work with VA clinical and non-clinical leaders across the health care system, including non-VA external stakeholders across the nation. Dr. Vega is a recipient of several awards for his work in healthcare innovation and has published numerous articles on this topic.

Blake Anderson, MD

Founder and CEO // Switchboard, MD
Chief Health Informatics Officer // Atlanta VA Medical Center

Dr. Anderson is an internal medicine physician and the Atlanta VA Chief Health Informatics Officer. He received his medical doctorate from Emory University School of Medicine and then completed one year of residency training in general surgery at the University of Florida before shifting gears and completing a residency in internal medicine at Emory University School of Medicine. After internal medicine residency he was the Chief Resident in Quality and Patient Safety in 2016 at the Atlanta VA. His clinical work has been outpatient internal medicine at Emory and inpatient at the Atlanta VA. His research focuses on predictive models generated from large, structured datasets in addition to development and clinical deployment of natural language processing algorithms. In addition to developing AI solutions on his own, he is a thought leader in advanced data methods including natural language processing with a special focus on real time clinical workflow integration.
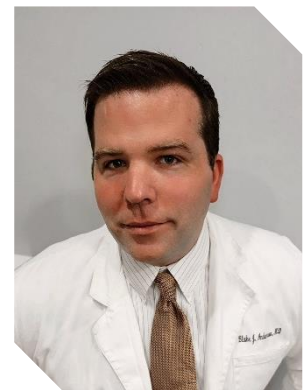
Anne Lord Bailey, PharmD, BCPS

Director, Clinical Tech Innovation // VA Office of Healthcare Innovation and Learning (OHIL)
Immersive Technology Lead // VA OHIL

Dr. Bailey is a board-certified pharmacotherapy specialist, Director for Clinical Tech Innovation, and Immersive Technology Lead for VA's Office of Healthcare Innovation and Learning (OHIL). Dr. Bailey started her healthcare journey as a pharmacy resident and then pharmacy practitioner for Western North Carolina VA Healthcare System in Asheville, NC. In 2020, she joined the OHIL team to lead implementation of emerging technology with a special focus on immersive tech. She has collaborated with experts and thought leaders in government, academia, and industry, while co-leading the expansion of the VHA XR Network from the founding five facilities to over 160, engaging more than 1,250 VA employees. Recently, Dr. Bailey was awarded 2022 G2Xchange Change Agent Award and, along with other OHIL Immersive Tech team members, the 2022 Service to the Citizen Award. In October 2022, she received the International Virtual Reality in Healthcare Association's 2022 Hero Award for dedication to the growth of immersive technology in healthcare.

Gina Conenello, PhD

Program Officer // HHS/ASPR/BARDA/DRIVe

Dr. Conenello is a virologist who received her PhD from Mount Sinai School of Medicine. She started her career at FDA as a Commissioner's Fellow in CBER, later moving to CDRH as a medical device lead reviewer for microbiology diagnostics for 9 years. Dr. Conenello is a subject matter expert in point of care and home use diagnostics (including home collection kits) with a focus on respiratory diagnostics, and STI diagnostics. During the pandemic she was instrumental in the EUA authorizations for the first home collection kits and home use tests for SARS-COV-2. She joined BARDA DRIVe in 2022 to focus on de-risking cutting edge technologies, developing novel regulatory strategies, and facilitating decentralized care modalities for pandemic response.

Jennifer Goldsack, MChem, MA, MBA

Co-Founder and CEO // Digital Medicine Society (DiMe)

Jennifer C. Goldsack co-founded and serves as the CEO of the Digital Medicine Society (DiMe), a 501(c)(3) non-profit organization dedicated to advancing digital medicine to optimize human health. Her research focuses on applied approaches to the safe, effective, and equitable use of digital technologies to improve health, healthcare, and health research. Jen is a member of the Roundtable on Genomics and Precision Health at the National Academies of Science, Engineering and Medicine. Previously, she spent several years at the Clinical Trials Transformation Initiative (CTTI), a public-private partnership co-founded by Duke University and the FDA. There, she led development and implementation of several projects within CTTI's Digital Program and was the operational co-lead on the first randomized clinical trial using FDA's Sentinel System. Jen spent five years working in research at the Hospital of the University of Pennsylvania, first in Outcomes Research in the Department of Surgery and later in the Department of Medicine. More recently, she helped launch the Value Institute, a pragmatic research and innovation center embedded in a large academic medical center in Delaware. Jen earned her master's degree in chemistry from the University of Oxford, England, her masters in the history and sociology of medicine from the University of Pennsylvania, and her MBA from the George Washington University. Additionally, she is a certified Lean Six Sigma Green Belt and a Certified Professional in Healthcare Quality. Jen is a retired athlete, formerly a Pan American Games Champion, Olympian, and World Championship silver medalist.

Bruce Greenstein, MS

Executive Vice President and Chief Strategy and Innovation Officer // LHC Group

Bruce Greenstein currently serves as Executive Vice President and Chief Strategy and Innovation Officer at LHC Group, Inc. With his role as Chief Strategy Officer, Bruce leads the Company's accelerated value-based contracting, Accountable Care Organization (ACO) management company and alternative payment and delivery model strategies. Previously, Bruce served as Chief Technology Officer for the U.S. Health and Human Services (HHS) where he provided leadership and direction to ensure that HHS effectively used data, technology, and innovation to improve the lives of the American people and the performance of the operating divisions across the Department. He has an extensive healthcare industry background in both government and the private sector, including having served as President-West for Quartet Health, CEO of Blend Health Insights, and as Managing Director of Worldwide Health for Microsoft. Bruce was also a cabinet member in Louisiana, serving as Secretary of the Department of Health and Hospitals.

Susan K. Gregurick, PhD

Associate Director for Data Science // HHS/NIH
Director // HHS/NIH Office of Data Science and Strategy (ODSS)

Dr. Gregurick was appointed Associate Director for Data Science and Director of the Office of Data Science Strategy (ODSS) at the National Institutes of Health on Sept. 16, 2019. Under Dr. Gregurick's leadership, the ODSS leads the implementation of the NIH Strategic Plan for Data Science through scientific, technical, and operational collaboration with the institutes, centers, and offices that comprise NIH. Dr. Gregurick was instrumental in the creation of the ODSS in 2018 and served as a senior advisor to the office until being named to her current position. She was previously the Division Director for Biophysics, Biomedical Technology, and Computational Biosciences at the National Institute of General Medical Sciences. Prior to joining the NIH in 2013, Dr. Gregurick was a program director in the Office of Biological and Environmental Research at the Department of Energy. Before beginning a career of government service, Dr. Gregurick was a professor of computational chemistry at the University of Maryland, Baltimore County. Her research interests included dynamics of large biological macromolecules, and her areas of expertise are computational biology, high performance computing, neutron scattering and bioinformatics. Dr. Gregurick received her undergraduate degree in chemistry and mathematics from the University of Michigan and her PhD in physical chemistry from the University of Maryland.

Matt Humbard, PhD

Testing and Diagnostics Domain Lead // HHS/ASPR/Industrial Base Management & Supply Chain Program Office (IBMSC)

Dr. Humbard is the Testing and Diagnostics Domain Lead in Industrial Base Management & Supply Chain Group at ASPR. He helped lead the industry engagement team as part of the HHS Testing and Diagnostics Working Group during the COVID-19 pandemic. Prior to the pandemic, Dr. Humbard was a lead reviewer and consumer safety officer at the Food and Drug Administration in the Office of In Vitro Diagnostics and Radiological Health. He received his PhD in microbiology and cell biology from the University of Florida in 2009.

Beth Jaworski, PhD

Social and Behavioral Sciences Administrator // HHS/NIH/Office of Behavioral and Social Sciences Research (OBSSR)

Dr. Jaworski joined the Office of Behavioral and Social Sciences Research (OBSSR) at the National Institutes of Health as a Social and Behavioral Sciences Administrator in September 2021. In this role, she supports the OBSSR mission to enhance the impact of health-related behavioral and social sciences research, coordinate and integrate these sciences within the larger NIH research enterprise, and communicate health-related behavioral and social sciences research findings. Dr. Jaworski earned her PhD in social psychology from the University of California, Santa Cruz. Prior to joining OBSSR, she served as the mobile user experience (UX) lead at the VA's National Center for PTSD, Dissemination and Training Division, where she split her time between creating and researching public mental health apps for PTSD and related conditions. Dr. Jaworski's research interests focus on how the social and behavioral sciences can be leveraged to design and implement impactful and engaging digital health interventions. She is especially interested in mixed methods approaches that center health equity and inclusion, take social context into account, and explore innovative ways to deliver and integrate health information, across a range of settings.

Barry Lutz, PhD

Associate Professor of Bioengineering // University of Washington

Dr. Lutz is an Associate Professor of Bioengineering at the University of Washington, where his research focuses on point-of-care diagnostics for infectious diseases, and he teaches courses on molecular diagnostics, global health technology, engineering design, and technology commercialization. Dr. Lutz worked with his mentor Prof. Paul Yager and contemporary Prof. Elain Fu to develop foundational technology in paper-based microfluidics, and more recently his group has focused on high-quality point-of-care tests for diseases including HIV, TB, COVID-19, and influenza. He was a Co-PI in the Seattle Flu Study, where he partnered with Dr. Matthew Thompson on studies to evaluate performance of home testing for influenza and pivoted to deliver home test kits in the early days of the COVID-19 pandemic to support public health surveillance. He is Co-Founder and Chief Scientific Officer for Anavasi Diagnostics, which was founded in response to the pandemic to develop low-cost, high-performance tests for COVID-19 and other diseases.

Jay Newton-Small, MS

CEO and Founder // MemoryWell

Jay Newton-Small is CEO and founder of MemoryWell, a national network of more than 800 writers who tell the life stories of seniors to help improve their care. Previously, Jay was Washington correspondent for TIME Magazine, where she remains a contributor. At TIME she covered politics as well as stories on five continents from conflicts in the Middle East to the earthquake in Haiti and the November 2015 Paris terror attacks. She has written nearly a dozen TIME cover stories and interviewed numerous heads of state, including Presidents Barack Obama and George W. Bush. She authored the 2016 best-selling book, Broad Influence: How Women Are Changing the Way America Works. Before TIME, Jay was a reporter for Bloomberg News, where she covered the White House and politics. She received an MS in journalism from Columbia University and undergraduate degrees in International Relations and Art History from Tufts University. She is a 2017 Halcyon Incubator fellow, a 2016-2017 New America fellow and a 2015 Harvard Institute of Politics fellow. She is also the 2016 winner of the prestigious Dirksen Award for congressional reporting and the 2016 Deadline Club award for community service reporting.

William Padula, PhD

Assistant Professor of Pharmaceutical & Health Economics // School of Pharmacy, University of Southern California (USC)
Fellow // Leonard D. Schaeffer Center for Health Policy and Economics (USC)

Dr. Padula is Assistant Professor of Pharmaceutical & Health Economics in School of Pharmacy and a Fellow in the Leonard D. Schaeffer Center for Health Policy and Economics at the University of Southern California (USC) in Los Angeles, CA. He holds adjunct appointments at Johns Hopkins University in the School of Nursing and the Armstrong Institute for Patient Safety and Quality at Hopkins Medicine in Baltimore, MD. His research explores the theoretical foundations of medical cost-effectiveness analysis, especially pertaining to issues around the value of vaccines, healthcare delivery and patient safety in hospitals for acquired conditions such as pressure injuries. Dr. Padula currently serves as President for the U.S. National Pressure Injury Advisory Panel (NPIAP). He was also Commissioner for the American Nurses Credentialing Center (ANCC) Magnet® Recognition Program from 2016-2019. He is the Associate Editor of Value in Health and serves on the editorial boards of Applied Health Economics and Health Policy and Journal of Clinical Nursing and is a past recipient of several awards from the International Society of Pharmacoeconomics and Outcomes Research (ISPOR). Dr. Padula was a visiting scholar at the University of York Centre for Health Economics in York, UK, the Oxford Institute for Nursing, Midwifery and Allied Health in Oxford, UK, and the University of Technology Sydney in Sydney, Australia. He received his BS in Chemical Engineering from Northwestern University, MS in Evaluative Clinical Science from Dartmouth College, MS in Data Analytics from University of Chicago, and PhD in Pharmaceutical Economics from University of Colorado.

Sean Parsons, MBBS

Founder, CEO, and Managing Director // Ellume

Dr. Parsons is a clinically trained business leader with a track record of successfully developing breakthrough medical technologies and leading the product commercialization for the benefit of human health. He is the Founder, CEO and Managing Director of Ellume and serves in dual commercial and technical capacities in the company. He is a co-inventor of Ellume's core pioneering quantum dot detection system technology and is named in over 40 patents and papers. Dr. Parsons has provided the strategic vision for the company in the digital health technology space and has led the negotiation and execution of all major partnerships and collaborations. Previously, he was a critical care clinician with post-graduate training in emergency and intensive care medicine, working in major metropolitan hospitals in Queensland, Australia. Dr. Parsons holds a BS, Dual Major – Physiology and Biomedical Science with First Class Honors from the University of Queensland, and an MBBS also from the University of Queensland. He is a graduate of the Australian Institute of Company Directors.

Sandeep Patel, PhD

Director // HHS/ASPR/BARDA/DRIVe

Dr. Patel oversees a diverse portfolio of health security innovations to address current and emerging threats. He is an entrepreneur and restless innovator who uses his experience to advance high impact science, build new products, and launch new programs and initiatives that focus on health and wellness. His experiences highlight his commitment to public service as evidenced in his prior roles in the US Department of Health and Human Services (HHS) where he focused on advancing innovative policies and funding solutions to complex, long-standing health-related problems. He co-founded and led a new $35M+ public-private partnership, KidneyX, that advanced development and lowered the commercialization risks of breakthrough therapies for kidney disease, notably an implantable artificial kidney to displace dialysis. He spearheaded the Advancing American Kidney Health Initiative and he built a $50M program scaling the use of incentive prizes and crowdsourcing as 21st century problem-solving tools across the family of HHS agencies. Previously, Dr. Patel served in a number of science policy roles, including as a Mirzayan Science and Technology Policy Fellow at the National Academy of Sciences and as a scientific consultant for Thomson Reuters. He is the recipient of the American Society of Nephrology's President's Medal, honoring those who have transformed kidney care, for which he was also awarded a Secretary's Distinguished Service award. He founded a company in Uganda focused on rapid design and development of novel products for agriculture and health using portable 3D printing services. He holds a PhD in physical chemistry from the Georgia Institute of Technology and a BA in chemistry from Washington University in St. Louis.

Dana Plude, PhD

Deputy Director // HHS/NIH/National Institute on Aging/Division of Behavioral and Social Research (DBSR)

Dr. Plude is Deputy Director in the Division of Behavioral and Social Research (DBSR) where he also manages a research portfolio on cognitive aging. Prior to joining NIA in December 2016, he served as Associate Director and Research/Review Integrity Officer in the Division of Receipt & Referral in the Center for Scientific Review (CSR) before which he was Chief of the Bio-behavioral and Behavioral Processes Integrated Review Group (BBBP IRG) and Scientific Review Officer for the Cognition and Perception study section. Before joining CSR in 2002, he was Associate Professor and Associate Chair in Psychology at the University of Maryland – College Park for 17 years. He earned a PhD in Psychology from Syracuse University, where he specialized in lifespan development and mental function in the elderly.

Robert Quinn

CEO and Co-Founder // Patchd

Robert Quinn is the CEO and Co-founder of Patchd, Inc. He has been a founder for the last 6 years focused on solving sepsis. Prior to starting Patchd, Robert worked for Telstra, one of Australia's largest technology companies in their Chief Technology Office. He is not only a survivor of over 18 episodes of sepsis but studied both Biomedical science majoring in Neuroscience and Mechatronic engineering. His goal is to help ensure patients no longer die from sepsis at home.

Kimberly Sciarretta, PhD

Branch Chief // HHS/ASPR/BARDA/DRIVe

Dr. Sciarretta is the Branch Chief for DRIVe's Launch Office and leads the Host-Based Diagnostics, the Host-directed Therapeutics, and the Healthcare Infrastructure, Implementation, and Impact (HI-3) programs. Dr. Sciarretta has been with BARDA since 2015, and was one of inaugural members of DRIVe, influencing the vision and growth of the Division. Prior to BARDA, she had extensive experience within the Department of Defense and other US Government Agencies as a technical consultant, focusing on biological and chemical defense as well as leading innovation in areas including synthetic biology and advanced manufacturing. Dr. Sciarretta strives towards building and piloting new strategic approaches to support agile preparedness for public health emergencies and to improve patient outcomes. Dr. Sciarretta received her PhD from the University of Chicago in Molecular Genetics and Cell Biology.

Šeila Selimović, PhD

Branch Chief // HHS/ASPR/BARDA/DRIVe

Dr. Selimović oversees multiple programs in BARDA/DRIVe that focus on de-risking transformational technologies in the health security space, towards the goal of making medical countermeasures more widely and easily accessible – from Lab at Home to Digital Medical Countermeasures. Prior to BARDA, she was a Program Director at the National Institute of Biomedical Imaging and Bioengineering, working in the sensors and tissue engineering areas, and an AAAS Science and Technology Policy Fellow at the US Department of State, where she helped spearhead the first U.S.-Poland Innovation Partnership. Dr. Selimović completed her PhD in Condensed Matter Physics at Brandeis University, funded by an NSF Traineeship, and pursed a postdoctoral fellowship at Harvard Medical School / Brigham & Women's Hospital.

Mona Siddiqui, MD, MPH, MSE

Senior Vice President, Home Clinical Operations // CenterWell

Dr. Siddiqui is Senior Vice President for Home Clinical Operations at CenterWell where she is leading the development and implementation of its value-based care model. For three years prior to this, she was Senior Vice President for Enterprise Clinical Strategy and Quality across the Insurance segment where she led the development and management of Humana's enterprise clinical strategy and provided direction for clinical quality in an effort to drive continued improvements in health outcomes for patients. Dr. Siddiqui most recently served at the U.S. Department of Health and Human Services as the Department's inaugural Chief Data Officer. In that role, she led the effort to connect the nation's health care data through the build-out of an enterprise-wide data-sharing technology platform, governance structure and advanced the Department's Artificial Intelligence strategy. Previously, Dr. Siddiqui served at the Centers for Medicare and Medicaid Innovation implementing new payment models and technology enabled solutions. She has also served with the White House Social and Behavioral Sciences Team ("nudge" unit) during the Obama administration working with ONC, CMS, FDA, VA and DHA on operationalizing insights from behavioral economics in large scale government programs to improve efficiency and effectiveness. Prior to her work in the federal government, Dr. Siddiqui was at the Johns Hopkins University Health System where she was focused on driving value-based care initiatives. Dr. Siddiqui holds a medical degree from the Johns Hopkins University School of Medicine, a master's degree in Quantitative Methods from the Harvard School of Public Health, and a degree in Management and Engineering from Stanford University. She completed her undergraduate work in neuroscience and philosophy from the University of Maryland where she graduated summa cum laude and the class Valedictorian.

Damien Soghoian, PhD

Partner // Global Health Investment Corporation

Dr. Soghoian is a Partner on the Investment team at the Global Health Investment Corporation (GHIC). Previously, he was a Director at Foresite Capital Management and Head of Strategy and Operations at Foresite Labs. Damien was an early employee at Verily Life Sciences (formerly Google Life Sciences), where he was technical lead for Verily's population scale immune observatory platform and Project Baseline, a distributed clinical trial solution. At Foresite, he focused on investing in early-stage life science and healthcare companies and helped found and run the firm's incubator, Foresite Labs, where he was part of the leadership team and focused on the incubation of new healthcare and biotechnology companies that use the tools of data science to solve unmet medical needs. Damien has a PhD in Virology from Harvard University and is a founding member of the Alliance to End Biological Risks at the Council on Strategic Risks (CSR).

Arti Tandon, PhD

Digital Health Specialist // HHS/FDA/Center for Devices and Radiological Health (CDRH) /Digital Health Center of Excellence

Dr. Tandon is a Digital Health Specialist in the Center for Devices and Radiological Health's (CDRH) Digital Health Center of Excellence and has been with FDA since 2021. She has extensive research and product development experience in the life sciences industry across academic, large corporate and startup environments. Prior to joining the Digital Health team at FDA, Dr. Tandon was the Vice President of Precision Nutrition at Astarte Medical, a digital health startup where she developed the business plan and product strategy for a preterm precision nutrition platform. Earlier, Dr Tandon was a product owner at Philips Research North America of genomics and informatics clinical decision support tools for cancer and Hereditary diseases for a cloud-based software platform providing precision diagnostics and therapy guidance. Prior to that she was a core bioinformatics scientist at Harvard Medical School with research focusing on theoretical and experimental work in ancient DNA, human population history and medical genetics. Dr. Tandon has contributed to 20+ high impact publications in population and medical genetics and received a BSc and MSc in Physics from Indian Institute of Technology, Kharagpur, India, as well as a PhD in Physics from Boston University.

Gene Wang

Chairman, Chief Scientist, and Co-Founder // Care Daily

Gene Wang is a technology entrepreneur with relentless determination. He is a 4-time CEO who led Computer Motion, a leader in surgical robotics, through a successful IPO. He next founded Photo Access, a digital imaging startup purchased by Agilent, who's technology powered 100 million digital camera phones. Gene founded Bitfone, a mobile device management company which enabled over-the-air firmware updates in 300 million mobile phones and was acquired by Hewlett-Packard. Today, he is leading the research and development of next-generation senior care services as Principal Investigator for six caregiver studies with generous funding from the U.S. National Institute on Aging. Gene received his BA in Computer Science from the University of California at Berkeley. He leads the Daily Beats Band and plays saxophone and flute. He is happily married with three wonderful children and two bad dogs.
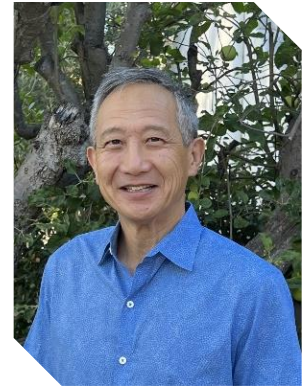
Cole Zanetti, DO, MPH

Acting Director, Value-Based Care // VA Center for Care and Payment Innovation

Dr. Zanetti is the Acting Director for Value-Based Care in the VA Center for Care and Payment Innovation (CCPI). In this role, Dr. Zanetti is leading the CCPI's efforts in value-based care in the VA and within the community. Dr. Zanetti is triple board-certified in family medicine, preventative medicine, and clinical informatics. He has also been trained in value-based health care, community organizing and positive deviance. Dr. Zanetti has served as the senior advisor to the VHA Innovation Ecosystem, a chief health informatics officer for the Ralph H. Johnson VA as well as a primary care section chief at the Eastern Colorado VA. He also served as a primary care innovator with Iora Health. Dr. Zanetti earned his DO at the University of North Texas Health Science Center – Texas College of Osteopathic Medicine, his MPH at the Dartmouth Institute for Health Policy and Clinical Practice, and his BA in Psychology at the University of Buffalo. Dr. Zanetti completed his family medicine residency training at NH Dartmouth and his leadership preventative medicine residency training at Dartmouth Hitchcock Medical Center.