FEDERAL COMMUNICATIONS COMMISSION

Connect2Health[FCC] Task Force
Beyond the Beltway Series: Cleveland, OH

BROADBAND HEALTH TECHNOLOGY ROUNDTABLE:

*Leveraging the Power of Broadband to Shape the Future of Health and Care
In Cleveland and Beyond . . .*

@ The Global Center for Health Innovation
(HIMSS Innovation Floor – 4th floor main conference room)

Date: October 26, 2015
Time: 10:30 am – 12:30 pm

Broadband Health Technology Roundtable

Because broadband networks are essential to our national wellbeing, it is not enough to promote their development. The FCC seeks to ensure that *all* Americans can take advantage of the services that 21ˢᵗ century broadband technology provides. As a general matter, broadband technology is essential for success in education, employment, finance, health and wellness; for the communications capabilities of our first responders; and for civic engagement and a democratic society, among other things. The FCC seeks to assure and foster continued broadband adoption, availability, and innovation and, at the same time, ensure that appropriate approaches and programs are in place so that *everyone* – regardless of geographic location, socioeconomic status, or other demographic factors – are included in our increasingly digital world.

The **FCC- sponsored Roundtable**, in partnership with the **Cleveland Clinic**, the **Global Center for Health Innovation**, and the Healthcare Information and Management Systems Society (**HIMSS**) Innovation Center, is hosting this senior-level meeting to discuss how broadband technology is shaping the future of health and care in a major urban city like **Cleveland**, especially its impact on underserved urban communities; to examine how broadband can potentially be used to reduce health disparities; and to explore new and emerging broadband-based health technologies and solutions.
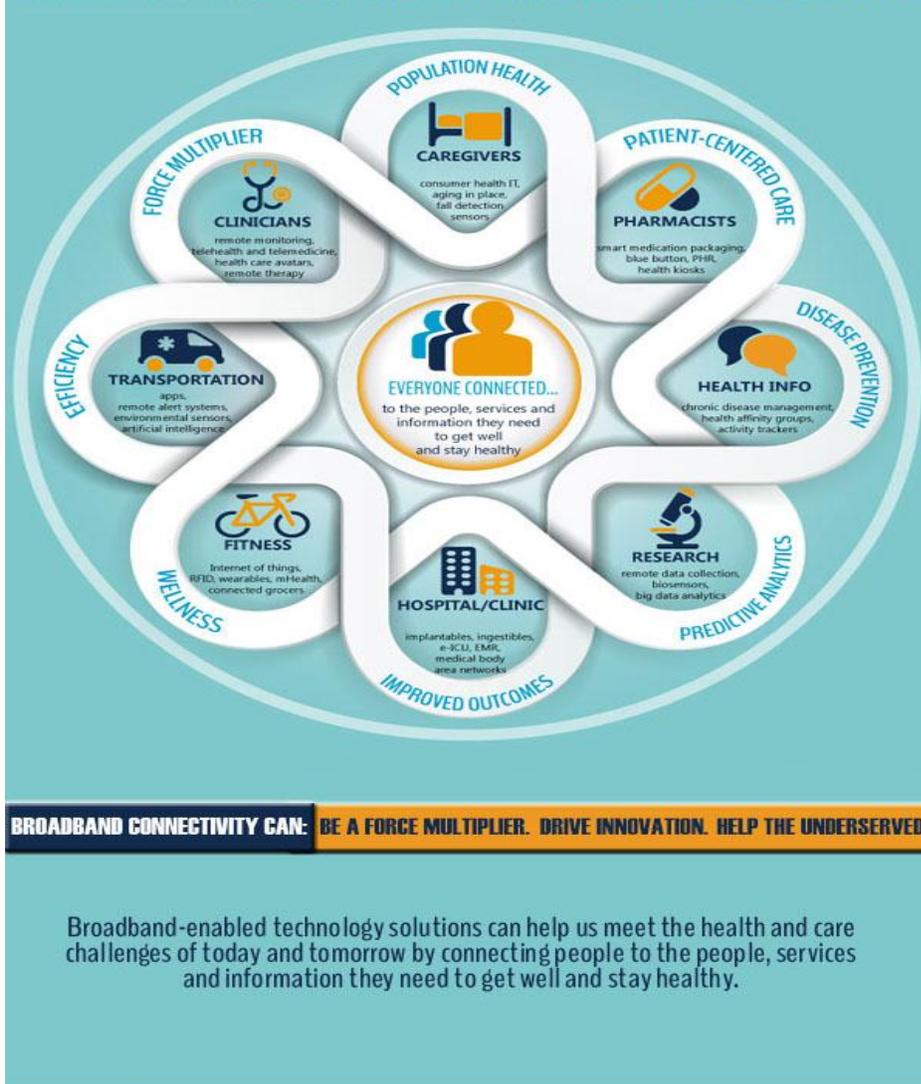
The comments, data, and information gathered from this meeting may be used by the FCC's Connect2Health Task Force in updating the Health Care section of the National Broadband Plan and in making any potential recommendations to the full Commission with respect to future policy and regulatory actions concerning the broadband future of health *and* care.

About the FCC and its Connect2Health Task Force

The **Federal Communications Commission** regulates interstate and international communications by radio, television, wire, satellite and cable in all 50 states, the District of Columbia and U.S. territories. An independent U.S. government agency overseen by Congress, the Commission is the United States' primary authority for communications law, regulation and technological innovation in this space. Learn more at www.fcc.gov.

Connect2Healthᶠᶜᶜ (**C2HFCC**) is a senior level, multi-disciplinary Task Force created by FCC Chairman Tom Wheeler to move the needle on broadband and advanced health care technologies. Recognizing that technology innovations in clinical practice and care delivery are poised to fundamentally change the face of health care, C2HFCC is charged with exploring the intersection of broadband, advanced technology and health. Connect2HealthFCC is essentially charting the broadband future of health care – serving as an umbrella for all FCC health-oriented activities to help enable a healthier America. Learn more at www.fcc.gov/health.

THE BROADBAND HEALTH IMPERATIVE

Broadband-enabled technology solutions can help us meet the health and care challenges of today and tomorrow by connecting people to the people, services and information they need to get well and stay healthy.

LEARN MORE AT FCC.GOV/HEALTH

FEDERAL COMMUNICATIONS COMMISSION

C2HFCC Mission:

By identifying regulatory barriers, as well as incentives, and building stronger partnerships with public and private stakeholders in the areas of telehealth, mobile applications, and telemedicine, we seek to accelerate the adoption of advanced health care technologies — leveraging broadband and other next-gen communications services, highlighting promising health IT and telemedicine initiatives across the country and abroad, and expediting a vital shift to more ubiquitous, broadband-enabled health care solutions along the entire health and wellness continuum.

C2HFCC Vision:

Everyone connected ... to the people, services and information they need to get well and stay healthy.

C2HFCC would like to extend tremendous appreciation to **Dr. Amy Sheon**, Director of the Urban Health Initiative at Case Western Reserve University, for her valuable input concerning the FCC's visit to Cleveland, and to the following organizations and their outstanding senior leadership and staff (*i.e.*, especially **Susan Bernat**, General Manager, Technology & Communications, Cleveland Clinic Innovations; **Kristin Morris**, Chief Government and Community Relations Officer, Cleveland Clinic; **Matthew Zenker**, Business Associate, Technology & Communications, Cleveland Clinic Innovations; **Fred DeGrandis**, Managing Director, Global Center for Health Innovation; and **John Paganini**, Senior Manager, Interoperability Initiatives, HIMSS Innovation) for their support and assistance with the Roundtable and the FCC's visit.

Cleveland Clinic is a nonprofit multispecialty academic medical center that integrates clinical and hospital care with research and education. It is ranked as one of the top hospitals in America by U.S.News & World Report (2015). For more information about the Cleveland Clinic, please visit them online at http://www.clevelandclinic.org.

The Global Center for Health Innovation is the only facility in the world that displays the future of health and health care. The Global Center for Health Innovation serves health and health care innovation, technology, education and commerce through state-of-the-art spaces, programs and virtual offerings. Global Center spaces highlight the latest innovations of individual companies as well as collaboratively executed multi-organizational spaces. For more information about the Global Center, please visit them online at http://www.theglobalcenter.com/.

The Healthcare Information and Management Systems Society (HIMSS) is a not-for-profit organization focused on better health through information technology (IT). HIMSS leads efforts to optimize health engagements and care outcomes using information technology. The HIMSS Innovation Center in Cleveland is the only physical and virtual, state-of-the-art, testing, exhibition and conference facility that offers real-time demonstration of how healthcare technologies contribute to safer, higher quality and more cost-effective care and ensures that information gets to the right people at the right time to enable informed decisions. For more information about the HIMSS Innovation Center, please visit them online at   http://www.himssinnovationcenter.org/index.aspx.

BROADBAND HEALTH TECHNOLOGY ROUNDTABLE:

Leveraging the Power of Broadband to Shape the Future of Health and Care
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AGENDA	

10:30 a.m. — **Welcome, Introductions, and Program Overview**

Remarks:

- *Thomas Graham*, MD, Chief Innovation Officer & Justice Family Chair in Medical Innovations, Vice-Chairman, Department of Orthopaedic Surgery, Cleveland Clinic
- *John Paganini*, Senior Manager, Interoperability Initiatives, HIMSS
- *Toinette Parrilla*, Director, Cleveland Department of Public Health
- *Mignon Clyburn*, Commissioner, Federal Communications Commission

  [Noting FCC Connect2Health Task Force Roundtable Participants:

  - *M. Chris Gibbons*, MD, MPH, Chief Health Innovation Officer
  - *Yahya Shaikh*, MD, MPH, Senior Advisor Connected Health & Interagency Initiatives
  - *Ben Bartolome*, Special Counsel
  - *Deborah Klein*, Special Counsel]

10:45 am — **Discussion I: Charting the Broadband Future for Northeast Ohio**

- o What is the current broadband infrastructure in Cleveland? What are the current needs?
- o How has broadband transformed the provision of health and care in Cleveland and the surrounding areas?
- o What impact has broadband had on health technology innovation and entrepreneurship?
- o What are some of the future plans to address any current connectivity needs in undeserved sectors of the City?

Presentations and Featured Panelists:

- *Lev Gonick*, Co-Founder and CEO, OneCommunity
- *Jeff Epstein*, Director, Cleveland Health-Tech Corridor

11:10 am — **Discussion II: The Impact of Broadband on the Health and Care Needs of Urban Communities**

- o What are the current broadband connectivity and adoption issues in underserved communities? What efforts have been undertaken to address them?
- o How does broadband impact the health and care needs of urban communities?
- o What are some of the City's current and future digital initiatives to improve the health and care needs of its citizens, and particularly the traditionally underserved urban populous?
- o How do we increase broadband adoption in underserved urban communities? How can we more effectively inform the public that health serves as a compelling use case for broadband adoption?

Featured Panelists:

- *Director Toinette Parrilla*, Cleveland Department of Public Health
- *Commissioner Myron Bennett*, Cleveland Department of Public Health

        + *Evelyn Burnett*, V.P., Economic Opportunity, Cleveland Neighborhood Progress
        + *Bill Callahan*, Director, Connect Your Community 2.0
        + *Wanda Davis*, Executive Director, Ashbury Senior Computer Community Center

11:40 am   **Brief 5 Minute Break**

11:45 am   **Discussion III: Research Studies on Broadband Adoption and Health Disparities**

o   What are some of the major health disparity issues in Cleveland?
o   How has broadband-enabled technology been used to reduce health disparities?
o   Is broadband adoption a social determinant of health? If so, how can we ensure that broadband can positively influence health knowledge and outcomes and not create or potentially exacerbate health disparities?

Featured Panelists:

+ *Adam Perzynski*, PhD, Assistant Professor of Medicine, Center for Health Care Research and Policy, MetroHealth and Case Western Reserve University
+ *Amy Sheon*, PhD, MPH, Director, Urban Health Initiative, Case Western Reserve University

12:05 pm   **Encouraging the Development of Communications-Based Health Innovations**

+ *John Sharp*, MSSA, PMP, FHIMSS, Sr. Manager, Personal Connected Health Alliance, HIMSS
    o   What is connected care?
    o   Advancements in mobile and other communications-based health technologies

+ *Dr. Amy Sheon*:
    o   Overview of Cleveland Medical Hackathon and Introduction of Team Presentations

Presentations:

"Patient Contact After Discharge" -- an idea to improve the connection hospitals have to elderly patients post-discharge. By: Heather Blonsky, Systems Analyst, Quality Improvement Data, Cleveland Clinic; and John Iosub, Lead Systems Analyst, Care Management Division, Cleveland Clinic; and Robert B Watson, CT PMP, Cleveland Clinic.

"Healthy Mom, Healthy Baby Health Risk Assessment" – user-friendly web application that assesses risks to the health of a woman, especially those that influence pregnancy, childbirth, and infants. By: Dr. Adam Perzynski; and Sarah Shick, Research Associate, Center for Health Care Research and Policy, MetroHealth and Case Western Reserve University.

"Community Health Pulse" – development of an interface that will allow public health professionals the ability to look for trends and patterns in health issues, and be able to better predict when and where a health incident may occur. By: Commissioner Myron Bennett; and Vinothini "Vino" Sundaram, Epidemiologist, Office of Communicable Disease Surveillance and Epidemiology Cleveland Department of Public Health.

12:25 pm   **Closing Remarks**

12:30 pm   **End of Roundtable Discussion**

PARTICIPANT BIOS

Mignon Clyburn
Commissioner, Federal Communications Commission

Mignon L. Clyburn served as Acting Chairwoman of the Federal Communications Commission, following her appointment by President Barack Obama on May 20, 2013. As Commissioner, she is serving a second term as a Democrat on the Commission, for which she was sworn in on February 19, 2013 following her re-nomination by the President and confirmation by the United States Senate. Clyburn began her service at the FCC in August, 2009, after spending 11 years as a member of the sixth district on the Public Service Commission (PSC) of South Carolina. She served as its chair from July 2002 through June 2004. Prior to her service on the PSC, Clyburn was the publisher and general manager of The Coastal Times, a Charleston-based weekly newspaper that focused primarily on issues affecting the African American community. She co-owned and operated the family founded newspaper for 14 years. A longtime champion of consumers and a defender of the public interest, Commissioner Clyburn considers every Commission proceeding with an eye toward how it will affect each and every American. She is a strong advocate for enhanced accessibility in communications for disabled citizens, and works closely with representative groups for the deaf and hard of hearing. She has fought to promote strong competition across all communications platforms, believing that the more robust and competitive the marketplace, the less need there is for regulation. However, when the market is not adequately addressing consumer concerns, Clyburn is an outspoken champion for smart, targeted regulatory action. She has pushed for media ownership rules that reflect the demographics of America, affordable universal telephone and high-speed internet access, greater broadband deployment and adoption throughout the nation, and transparency in regulation. Commissioner Clyburn is a member of the Federal-State Joint Board on Universal Service, Federal-State Joint Board on Separations, and the Federal-State Joint Conference on Advanced Services, all of which she chaired for three years during her first term at the FCC. Clyburn is a graduate of the University of South Carolina, and holds a Bachelor of Science degree in Banking, Finance and Economics.

Toinette Parrilla
Director, Cleveland Department of Public Health

In June 2014, Toinette Parrilla was appointed by Mayor Frank G. Jackson to serve as Director of the Cleveland Department of Public Health (CDPH). She comes to the City of Cleveland with over 20 years of experience in the healthcare industry with an emphasis on regulatory practices and compliance. Under her leadership as a health care professional, she garnered a reputation for moving independent, assisted living and skilled nursing facilities from regulatory non-compliance to compliance status. Director Parrilla previously served as the Deputy Director for the Illinois Department of Public Health - Office of Health Care Regulation; in that capacity she managed and led the fifth largest state agency program. She achieved great successes with federal performance measures, and in reforming the mental health and developmentally disabled health care services for the state. She managed the federal certification and state licensure regulatory requirements for over 12,000 health care entities for the state which served 12.4 million people from birth to death. She participated in and processed over 300 pieces of legislation to improve the quality of life and care for vulnerable populations. As a passionate community leader, she has been actively engaged with issues related to social reform, the specialized and vulnerable populations, health inequities, minority health care, community education and outreach. In addition to leading the Cleveland Department of Public Health, she serves on various committees and boards, including: Cuyahoga Health Access Partnership (CHAP), Healthy Homes Advisory Council (HHAC); Community Advisory Board Member for Lutheran Hospital, Health Improvement Partnership Cuyahoga County (HIP-C), and Northeast Ohio Medical University (NEOMED). She received her Bachelor of Science in Dietetics from the University of Akron, in Akron, Ohio and received the Mid-American Public Health Leadership Certification from the University of Illinois at Chicago.

Myron D. Bennett
Commissioner of Health
Cleveland Department of Public Health

Myron Bennett serves as Commissioner of Health for Cleveland Department of Public Health (CDPH). He has worked in public, nonprofit and private health care and public policy arenas, throughout the United States, for more than 30 years. He is an expert in the development, refinement and execution of advocacy strategies; the development of new strategic partnerships; and the development of funding relationships and strategies in support of public and community health. He is skilled at conceptualizing and managing high impact and complex partnerships, grants, coalitions, and advocacy campaigns. He has expertise in developing and executing policy and advocacy strategies; working closely with communications partners to support advocacy efforts; and supporting community and government leadership engagement in driving forward community informed strategies.

Thomas J. Graham, MD
Chief Innovation Officer & Justice Family Chair in Medical Innovations,
Vice-Chairman, Department of Orthopaedic Surgery
Cleveland Clinic

Thomas J. Graham, MD, is the Chief Innovation Officer of Cleveland Clinic, the technology commercialization and corporate venturing arm of Cleveland Clinic, where he holds the Justice Family Chair in Medical Innovations. Additionally, Dr. Graham is the Vice-Chairman of the Department of Orthopaedic Surgery of Cleveland Clinic in Cleveland, Ohio. Dr. Graham has extensive clinical expertise in surgery of the hand, wrist and elbow with special concentration on complicated reconstruction after trauma, complex elbow disorders and congenital hand surgery. His practice is recognized as the premier destination for the care of the professional athlete's hand and wrist, worldwide. As Chief Innovation Officer, Dr. Graham leverages his experience as a serial entrepreneur and one of the Clinic's most prolific inventors to grow the success that Cleveland Clinic Innovations has established as a world leader in commercializing the creative thought of global academic innovators. Dr. Graham was responsible for establishing the Healthcare Innovation Alliance that promotes collaboration between Academic Medical Centers and Research Universities to develop technologies to improve and extend human life. He has chronicled Cleveland Clinic's journey to primacy as an innovation crucible in an upcoming book, *Innovation the Cleveland Clinic Way: Powering & Practicing Mission-Driven Innovation* (McGraw-Hill). In it, he details the pioneering work the institution has performed to establish the processes that yield breakthrough discovery that improves and extends human life, as well as stimulate community economic development. A graduate of Williams College, he received his M.D. from the University of Cincinnati. He completed his Orthopaedic Surgery Residency at the University of Michigan and a fellowship in Hand and Upper Extremity Surgery at the famed Indiana Hand Center, with additional training in Elbow Surgery at Mayo Clinic. He completed the two-year Executive Program in Healthcare Management, jointly sponsored by Cleveland Clinic and the Weatherhead School of Business of Case Western Reserve University. Dr. Graham is involved in multiple civic initiatives and organizations, especially those which advance innovation, community health and economic development. These include his Chairmanship of the Executive Advisory Board for the Global Center for Health Innovation and BioEnterprise. Dr. Graham is married to his childhood sweetheart, CeCe, and they have two adult daughters, Margaret and Elizabeth. He enjoys golf, outdoor activities, travel and anatomic drawing.

John Paganini
Senior Manager, Interoperability Initiatives
Healthcare Information and Management Systems Society (HIMSS)

As Sr. Manager at the HIMSS Innovation Center, well-versed in the subject content. John manages interoperability/technology initiatives, operations, events and logistics of the new HIMSS Innovation Center in the Global Center for Health Innovation in downtown Cleveland. Prior, Mr. Paganini was President of Paguar Informatics Inc., Healthcare IT consulting firm. Provided consulting and project management services at the Cleveland Clinic for Meaningful Use, Enterprise Imaging, immunization integration, Retail clinic integration, IBM Watson integration. Experience includes the marketing, product strategy and tactical product management at Applied Visual Sciences Inc. for radiology informatics, image management, computer-aided detection, advanced visualization technologies and digital microscopy tuberculosis detection product lines. Co-founder of RIS Logic, Inc., now a division of Merge Healthcare Inc. Responsible for operations, applications development, database design and systems architecture, design of HL-7 engine and integrated DICOM services. There, he helped grow the business from three employees and $0 revenues to a value of more than $12 million when it was acquired by Merge.

Heather Blonsky,
Systems Analyst, Quality Improvement Data Team, Cleveland Clinic

Heather Blonsky is a systems analyst on the Cleveland Clinic's Quality Improvement Data Team 18 years of data management, analysis, and database development experience, including 13 years of consulting on database needs primarily with small non-profits in the human services fields around the Raleigh/Durham area of NC. Primarily interested in community organizations' contributions to health and well-being, and how hospitals and health care providers can collaborate with existing community resources to best serve their patients and the community as a whole. Ms. Blonsky received her BA in Medical Anthropology from Wayne State University.

Evelyn Burnett
Vice President, Economic Opportunity
Cleveland Neighborhood Progress

Evelyn Burnett is Vice President, Economic Opportunity at Cleveland Neighborhood Progress, an intermediary whose mission is to foster communities of choice and opportunity throughout Cleveland. In this role, Ms. Burnett coordinates Neighborhood Progress human development efforts to integrate with a region-wide opportunity agenda. Prior to joining CNP, she served as Associate Director for Program Strategies with Admiral Center at Living Cities, project director in the city of Cleveland's Office of Sustainability, and as a 2007-2008 Cleveland Executive (Coro) Fellow. Originally from Youngstown, Ohio, Ms. Burnett sits on the board of several organizations throughout Northeast Ohio and nationally including ioby (In Our Back Yards), Credit Builders Alliance, Dance Cleveland, Walsh University School of Business and CTMDreams. Ms. Burnett holds a Bachelor of Arts in Business and Organizational Communications & Public Relations with a double minor in Sales & Marketing and Dance from The University of Akron during which time she studied abroad in Ghana, Africa; and a master's degree in Public Administration from The University of Akron.

Bill Callahan
Director, Connect Your Community 2.0

Bill Callahan is the Director of Connect Your Community 2.0, a collaborative of organizations committed to overcoming the persistent digital divide afflicting low-income residents and neighborhoods of Cleveland and Detroit. Mr. Callahan has been a leader in local, statewide and national efforts to increase digital access and literacy among disadvantaged Americans since 1996. From 2010 to 2013, he directed OneCommunity's Connect Your Community Project, one of the largest Sustainable Broadband Adoption initiatives funded by the U.S. Commerce Department's Broadband Technology Opportunities Program, which provided training and/or home broadband assistance to more than 30,000 unconnected residents of Cleveland, Detroit, and six other communities in Ohio, Kentucky, North Carolina and Florida. Prior to his work with OneCommunity, Mr. Callahan organized and managed Cleveland's West Side Community Computer Center, one of the city's earliest computer training and ownership programs; helped create and served as director of Cleveland Digital Vision, an advocacy coalition which raised millions of dollars to support the city's neighborhood technology training programs; and served for eight years as a board member of the Ohio Community Computing Network, including three years as board president. He is a member of the Founding Council of the National Digital Inclusion Alliance. Mr. Callahan also has worked as a community organizing and development professional in Massachusetts, Pennsylvania and Ohio since graduating from Brandeis University in 1969.

Wanda Davis
Executive Director, Ashbury Senior Computer Community Center

Wanda Davis is the Executive Director of the Ashbury Senior Computer Community Center (often referred to as ASC3) for over 13 years. Ms. Davis works tirelessly to eradicate the digital divide from her office and computer literacy training center on Ashbury Avenue. On a shoe string budget, she aligns computer literacy training with the needs of the community. As a result, ASC3 has evolved into an intergenerational learning facility serving not only seniors, but young adults and even youth. Taking a holistic approach to E-POWERment, ASC3 also offers basic job skills training, GED preparation, health and wellness education, online financial literacy, volunteer opportunities and much more. In short, Ashbury is located where business, technology, community service, education, and healthcare converge.

Jeff Epstein
Director, Cleveland Health-Tech Corridor

Jeff Epstein is the Director of the Cleveland Health-Tech Corridor, an umbrella effort to link Downtown Cleveland and University Circle with a chain of innovative health-tech and high-tech businesses. He is responsible for coordinating the marketing, business development, and real estate development strategy for the Corridor. Mr. Epstein comes to the Health-Tech Corridor from The Coral Company, where he served as Vice President of Development, overseeing residential, commercial, and mixed-use development projects, capital markets transactions, and consulting projects. Prior to joining Coral, Mr. Epstein participated in the Cleveland Executive Fellowship, a one-year civic leadership develop-ment program. He holds a J.D. from Georgetown University Law Center and an under-graduate degree in Public Policy Studies from Duke University. Following law school, he clerked for the Hon. Solomon Oliver Jr. on the U.S. District Court for the Northern District of Ohio. Mr. Epstein serves on the executive boards of the Cleveland Tenants Organization and Congregation Shaarey Tikvah and on the Cleveland Housing Network's board of directors.

M. Chris Gibbons, MD
Chief Health Innovation Officer
Connect2Health[FCC] Task Force

Dr. Gibbons is the Chief Health Innovation Officer of the Connect2Health Task Force, at the Federal Communications Commission. He is a Physician Entrepreneur, Health Innovator and Academic Physician with expertise in Consumer Health Informatics, Health IT Usability, Minority Health, and Health Disparities. Prior to his current position, Dr. Gibbons was an Associate Director of the Johns Hopkins Urban Health Institute, and an Assistant Professor of Medicine, Public Health and Health Informatics at Johns Hopkins University. He is a published authority and international speaker. Dr. Gibbons obtained his medical degree from the University of Alabama and then pursued training in Preventive Medicine, General Surgery and molecular neuroncology basic research at Johns Hopkins. Dr. Gibbons also earned a Master of Public Health degree focusing in health promotion among urban and disadvantaged populations from Johns Hopkins.

Lev Gonick
Co-Founder and CEO, OneCommunity

Lev Gonick is an educator, technologist, and smart city architect. He has been teaching, working, and living on the Net for more than 25 years. He co-founder and CEO of OneCommunity, the award-winning non-profit organization enabling and celebrating innovation, collaboration, and productivity through next generation broadband networks and services throughout Northeast Ohio. Mr. Gonick was CIO at Case Western Reserve University from 2001-2013. He and his colleagues were internationally recognized for technology innovations in community engagement, learning spaces, next generation network projects, and organizational development. Lev's innovations, including the Case Connection Zone catalyzed national projects, including US Ignite and Gig.U. Inside Business Magazine named Mr. Gonick as one of their Power 100 in 2015. In 2011 Government Technology awarded Lev one of their "Top 25 Doers, Dreamers & Drivers in Public-Sector Innovation." In the same year Crain's Business Cleveland named Mr. Gonick one its "10 Difference Makers" in Northeast Ohio and Broadband Properties honored him with their Cornerstone Award for "using fiber to build an inclusive society and empower individuals." In 2010 he received recognition as "Visionary of the Year" from NATOA. Mr. Gonick has been recognized by ComputerWorld as a Premier 100 IT leader and honored by CIO magazine with a CIO 100 Award. He is a frequent invited speaker and consultant on Smart Cities, Lev currently serves on the Boards of Monarch Teaching Technologies (software for special needs children), DecisionDesk, Groundworks Dance Theater, Jewish Family Services, and Cleveland Independents (Restaurants).

John Iosub
Lead Systems Analyst, Care Management Division, Cleveland Clinic

John Iosub joined Cleveland Clinic's Care Management division in 2011 and has received his EMBA from Baldwin Wallace University. John is just as passionate about what happens to patients in the continuum of care as he is about the business case and practical use of advanced technology. He has presented his expertise on various topics regarding business metrics, severity of illness and readmission rates, observation metrics, utilization review productivity and post-acute referral management. He has built several database solutions used in Non-Profit that have been awarded by CARF, and more recently has submitted ideas to the Cleveland Clinic Innovations Office regarding discharges to post-acute facilities and readmissions. With an Economics degree, Mr. Iosub has amassed 20 intense years of experience in IT Operations, Systems Management, Consulting, and SQL Database Solutions for Healthcare, Non-Profit and Manufacturing.

Adam Perzynski, PhD
Assistant Professor of Medicine, Center for Health Care Research and Policy,
MetroHealth and Case Western Reserve University

Dr. Adam Perzynski is Assistant Professor of Medicine in the Center for Health Care Research and Policy at MetroHealth and Case Western Reserve University. He is also Director of the newly founded Patient Centered Media Lab. His doctoral degree is in sociology and his current research interests include: novel strategies to eliminate health disparities, outcomes measurement over the life course and mixed methods research. His methodologic expertise spans the continuum from focus groups and ethnography to psychometrics and structural equation modelling. He routinely shares this expertise locally in undergraduate and graduate courses and nationally at scientific meetings. Dr. Perzynski's publications span many disciplines and stand out against the backdrop of a career long effort to infuse the study of biomedical scientific problems with the knowledge, theories and methods of social science.

Yahya Shaikh, MD
Senior Advisor, Connected Health and Interagency Initiatives
Connect2Health[FCC] Task Force, Federal Communications Commission

Dr. Shaikh serves as Senior Advisor for Connected Health and Interagency Initiatives for the Connect2Health[FCC] Task Force at the Federal Communications Commission. In this capacity, he provides strategic guidance to the Task Force and agency leadership on the intersection of broadband, public and population health, and advanced technology. Dr. Shaikh joined the FCC from John Hopkins University where he previously directed the Health Innovation Lab, and where he currently serves as adjunct faculty in the Health Systems Program at the Johns Hopkins School of Public Health. Dr. Shaikh is a physician technologist and innovator, and an expert on connected health systems. His research and practice has focused on using connectivity and information technology to add real-time, analytic, and artificial intelligence capabilities to strengthen public health systems. Dr. Shaikh's research interests are related to meeting the chronic care needs of our nation and the acute care needs of resource-restricted regions around the world, and towards understanding how technology and practice innovation can improve the health of individuals and populations in the U.S. and abroad. He has published on the chronic care needs of the elderly, and teaches classes on measuring needs in resource-restricted settings, clinical practice innovation, and community-based innovation for health. In the past, he has worked in the international health and humanitarian response sectors, directed multi-sectoral disaster response teams, and provided consultation to the World Health Organization for equity in humanitarian response. He continues to do research on using data and emerging technologies to strengthen humanitarian responses. He has also advised a broad range of startups in the connected-health space related to analytics, artificial intelligence, IoT, nanotechnology, and genomics. Dr. Shaikh obtained his medical degree from the University of California, Los Angeles. He then completed residency training in Preventive Medicine at Johns Hopkins. Dr. Shaikh also earned a Masters of Public Health degree, with a double focus on Epidemiology and Biostatistics, and Humanitarian Assistance and Human Rights. In addition, Dr. Shaikh is currently an adjunct faculty member at the Keck School of Medicine, University of Southern California.

John Sharp, MSSA, PMP
Senior Manager, Consumer Health IT for the Personal Connected Alliance
HIMSS

John Sharp, MSSA, PMP, is Senior Manager, Consumer Health IT for the Personal Connected Health Alliance at HIMSS. His focus is on patient engagement technologies. He is active on social media and blogs weekly on LinkedIn about connected health. He is also adjunct faculty in the Health Informatics masters program at Kent State University, teaching Clinical Analytics. He is also a Project Management Professional. Mr. Sharp's bachelors and masters degrees are from Case Western Reserve University in Cleveland. He has published several book chapters and journal articles on topics ranging from social media in health care to research and patient registries. He works at the HIMSS Innovation Center in Cleveland.

Amy Sheon, PhD, MPH
Director, Urban Health Initiative
Case Western Reserve University

Dr. Amy Sheon directs the Urban Health Initiative at Case Western Reserve University School of Medicine and healthdatamatters.org, a website with data on the health of area residents and an open data portal for area stakeholders. In conjunction with work she undertook with OneCommunity, a non-profit organization promoting adoption of broadband in Northeast Ohio, Dr. Sheon invited the Connect2Health[FCC] Task Force to visit Cleveland, given the area's superb medical infrastructure, strong focus on Health IT and innovation, and attention to addressing the area's extreme health disparities. She earned a PhD in Health Policy at Johns Hopkins Bloomberg School of Public Health and an MPH at the University of Michigan. Her entire career has focused on using data to address health for disadvantaged populations. Born at the Cleveland Clinic's main campus, Dr. Sheon returned to Ohio 9 years ago after working for 7 years at the National Institutes of Health on HIV/AIDS, and on childhood obesity and other emerging public health topics at the University of Michigan and the non-profit Altarum Institute.

Sarah Shick
Research Associate, Center for Research and Policy
MetroHealth and Case Western Reserve University

Sarah Shick is a Research Associate in the Center for Health Care Research and Policy at MetroHealth and Case Western Reserve University. Ms. Shick is a doctoral student in the Department of Sociology at Case Western Reserve University, specializing in medical sociology and disability, with interests in health disparities, global health trends, and health measurement. Ms. Shick has extensive experience in community outreach, medical education, women's health, disability assessment, and research.

Vinothini "Vino" Sundaram
Epidemiologist, Office of Communicable Disease Surveillance and Epidemiology
Cleveland Department of Public Health

Vino currently works an Epidemiologist for the Cleveland Department of Public Health. She holds a Masters in Public Health (MPH) from Case Western Reserve University. She has several years' experience in the clinical research and public health setting. Her areas of focus for CDPH include Infectious Diseases, Injury/Violence, Mental Health, Sexually Transmitted Diseases (STD), HIV/AIDS, and Environmental Health. Vino is a firm believer that data, health policies, and collaboration are integral in addressing health issues in the community.

Robert B Watson CT PMP
Cleveland Clinic

Robert Watson has degrees in Electromechanical Engineering (Augusta Technical Institute), Science (Cuyahoga Community College), and Management (Indiana Weslyan University). For 25 years, he has been engaged in engineering consulting management of environmental, alternative fuels, and petro-chemical projects in multiple locations. He is currently enrolled in nursing school and has worked as a PCNA / CT for 4 years at Cleveland Clinic in the Digestive Disease Institute and Emergency Services Institute. Mr. Watson recently accepted a position as Research Coordinator in the Office of Nursing Research and Innovation. He has multiple submissions to Innovations for potential patenting.

PARTICIPANT NOTES:

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