



Innovations in... Thinking Differently 2016

SPEAKER BIOS







Jonathan Davis, MD

Professor & Academic Chair of Emergency Medicine, Georgetown University School of Medicine Program Director, Georgetown / MedStar Emergency Medicine Residency

Jonathan Davis, MD is the Program Director for the Emergency Medicine Residency Training Program based at MedStar Georgetown University Hospital and MedStar Washington Hospital Center. He also serves Academic Chairman for the Department of Emergency Medicine at Georgetown University School of Medicine in Washington, DC, where he holds the title of Professor of Emergency Medicine.

Jonathan is integrally involved in medical education at the local, regional and national levels, including undergraduate medical education, graduate medical education and continuing medical education to practicing physicians. He was named Residency Program Director of the Year in 2011 by the American Academy of Emergency Medicine (AAEM).



Dr. Davis has been an invited speaker at annual meetings both within and outside of the specialty of Emergency Medicine. In 2011, he received the coveted National Faculty Teaching Award from the American College of Emergency Physicians (ACEP) for contributions and achievements in student, resident, and faculty education.

Dr. Davis was elected Chairperson of the ACEP Educational Meetings Committee for 2016-2018. This is the committee that plans the largest, most prestigious, and best recognized annual educational meeting for emergency care providers worldwide (over 6,000 attendees annually). In addition, Dr. Davis was elected Chair of the Graduate Medical Education Committee of the Society for Academic Emergency Medicine (SAEM) for 2015-2017. SAEM is the primary national and international organization dedicated to the advancement of research, scholarship, and education in the specialty of emergency medicine.

His scholarly focus includes numerous presentations and publications in the areas of allergic emergencies, hematologic emergencies, genitourinary emergencies, and faculty development. Publications include original works in refereed journals, comprehensive review articles, textbook chapters, and research presented at the national and international levels.

Jonathan completed his Doctorate in Medicine *summa cum laude* at the University of Maryland School of Medicine in 1998, where he was also awarded the Faculty Gold Medal for Most Outstanding Medical School Graduate. He completed internship and residency training in Emergency Medicine at Stanford University Medical Center in Palo Alto, California, where he was presented with the Award for Most Outstanding Clinical Judgment, Technical Ability and Knowledge at the time of his residency graduation in 2001. Dr. Davis joined the faculty at MedStar Georgetown University Hospital and MedStar Washington Hospital Center in 2002, and continues to practice clinically in the ED at both sites.





Susannah Fox

Chief Technology Officer, United States Department of Health and Humans Services

Susannah Fox is the Chief Technology Officer of the US Department of Health and Human Services (HHS). She is responsible for helping HHS leadership harness the power of data, technology, and innovation to improve the health and welfare of the nation. Together with the IDEA Lab team, she creates opportunities for entrepreneurship across the HHS workforce.

Susannah previously served as the Entrepreneur-in-Residence at the Robert Wood Johnson Foundation, helping to catalyze new ways to think about challenges and develop solutions that deliver impact. She has also advised organizations like the Collaborative Chronic Care Network as they work to improve care delivery by including people living with IBD, diabetes, and cystic fibrosis on their innovation teams.



From 2000-14, Susannah was an Associate Director of the Internet Project at the Pew Research Center where she helped quantify and explain the social impact of the internet. She pioneered participatory research methods at the Center in order to explore how information technology and social media affect the health care industry and the consumer health care experience, with a special focus on people living with chronic and rare conditions.

Susannah has a BA in Anthropology from Wesleyan University. She lives with her husband, Eric Halperin, and two sons in Washington, DC.

http://www.hhs.gov/idealab/ @HHSIDEALab @SusannahFox





Michael Gillam, MD

CEO and Founder of HealthLabs and Athla Former Founding Director of the Microsoft Healthcare Innovation Lab

Michael Gillam, MD, FACEP, is a physician executive in information technology, and current CEO and Founder of HealthLabs, a digital health company automating discoveries in "big data." He is also founder of Athla, a direct-to-consumer, quantified-self for athletic performance mobile app company shown in a recent Apple commercial and called "game changing."

Dr. Gillam is a former partner level executive in Microsoft and Founding Director of the Microsoft Healthcare Innovation Lab. He was research director for the data aggregation solution, Azyxxi, which was acquired by Microsoft in 2006 to become one of their flagship products



for healthcare, renamed Amalga[™]. He is a board certified emergency medicine physician and trained, practiced, and taught through Northwestern University Medical School for eleven years. He has served as Chair of Informatics for both the Society for Academic Emergency Medicine and the American College of Emergency Physicians. He has published over fifty conference abstracts and articles in peer-reviewed journals and has eleven health IT patents awarded or in submission.

Dr. Gillam has advised or conducted IT projects with governmental and non-governmental organizations on health information technology including Fortune 500 companies, China's leading hospitals in Shanghai and Beijing, Dubai's Ministry of Health and startups in Silicon Valley. He served as a judge on the Nokia Sensing XPrize and is the chief clinical judge for the Qualcomm Tricorder XPrize. Dr. Gillam has led projects spanning an array of technologies including: "Big Data" in healthcare; predictive analytics; bioterrorism and emerging disease surveillance; natural language processing (NLP); electronic documentation; gesture-based control systems; data visualization; anomalous event detection; RFID tracking; automated patient image capture; enterprise search in healthcare; de-identifying datasets; unified communications; surface computing; personal health records (PHRs); virtual and augmented reality; and medical robotics.

@gillam



MedStar Institute for Innovation

Allan Hamilton, MD

Professor of Neurosurgery, Psychology, Radiation Oncology and Computer & Electrical Engineering at University of Arizona

Allan Hamilton started his working life as a janitor. He would eventually go on to graduate from Harvard Medical School and complete his neurosurgical residency training at the Massachusetts General Hospital in Boston. Dr. Hamilton holds four professorships at the University of Arizona in Neurosurgery, Radiation Oncology, Psychology, and Electrical and Computer Engineering. Dr. Hamilton is a decorated veteran and served in Operation Desert Storm. He was also the commanding officer assigned to lead a dangerous medical research expedition that was based for nearly two months at 16,000 feet under arctic conditions on Mt. McKinley. In addition to conducting research, Major Hamilton



and his team also carried seven separate rescue missions of stranded or injured civilian climbers, including one that cost the life of a squad member and another that was one of the highest helicopter rescues in history--at 19,620 feet above sea level.

Dr. Hamilton has been chosen by his neurosurgical peers as "One of America's Best Doctors" for the last eighteen consecutive years. He has held positions as Chief of Neurosurgery, Chairman of the Department of Surgery, and now serves as director of a multi-disciplinary medical simulation and innovation think-tank at the Arizona Health Sciences Center. The center currently has grants from the NIH, the NSF, and a research contract just awarded by the Department of Defense. He has authored more than twenty medical textbook chapters, sixty peer-review research articles, and has served on the editorial board of several medical journals.

Dr. Hamilton has written three award-winning non-fiction books: <u>The Scalpel and the Soul</u> in 2008, *Zen Mind, Zen Horse—The Science and Spirituality of Training Horses* in 2011. His most recent book, *Lead With Your Heart—Lessons from a Life With Horses* is a collection of 112 essays on leadership, spirituality, and transformation, which was just published in fall 2016. His books have been translated into several languages.

He has been the subject of two award-winning documentaries and has been featured on the NBC "Today" Show, ABC News, CNN, and PBS. He is a frequent guest on NPR. For the last several years Dr. Hamilton has served as medical script consultant on more than two hundred episodes of the hit TV series *Grey's Anatomy*. He also completed his first acting job in Peter Berg's new movie, *Patriots' Day*, about the Boston Marathon bombing, starring Mark Wahlberg. The film is due to premiere in early 2017. Look for a stellar performance where Dr. Hamilton plays—of all things—a surgeon. A show-stopper for sure!!

allanhamilton.com zenmindzenhorse.com ranchobosque.com





Taylr Jesinger, MHA

Director of Innovation Forums, Senior Project Manager, Influence Specialist MedStar Center for Health Influence & Engagement | MedStar Institute for Innovation

Taylr Jesinger is the Director of Innovation Forums, Senior Project Manager, and influence specialist at the MedStar Institute for Innovation (MI2). She supports MI2's catalyzing environment and leads projects across multiple MI2 domains. The majority of her projects focus on influence, rapport, patient experience, building a "thinking differently" ecosystem, innovation in healthcare delivery, and catalyzing innovation to advance health. She directs MI2's annual Innovations in... Thinking Differently Forums, which is a unique, interactive event designed to catalyze innovation by presenting new tools and ideas for thinking differently.

Prior to joining MI2 she was the administrative resident at MedStar Washington Hospital Center. Before beginning at MedStar, Taylr was awarded a full-scholarship for her graduate studies and completed her master's degree with high honors in health administration at the University of Kentucky. During grad school



she worked in sociological and entrepreneurial research at the University of Kentucky's Institute for Workplace Innovation (iWin) and at Lexington Chamber of Commerce. She also spent copious time studying health issues and economic disparity in rural Appalachia, where she is still involved in supporting and advocating for underserved populations, especially children living in poverty and high-risk environments.

Taylr received her bachelor's degree in neuroscience from the University of Southern California where she worked in molecular biology research at the USC Norris Comprehensive Cancer Center. Prior to her undergraduate studies, she was selected for a highly competitive molecular biology research fellowship at Harbor-UCLA Medical Center, which influenced her to pursue a career in healthcare. She received academic and leadership scholarships while at USC and served as Feature Twirler, musician, and band-leader with the famous USC Trojan Marching Band. She holds multiple titles in competitive baton twirling at state, regional, national, and world open events. She enjoys spending time with her husband, Michael, three cats, and two big goldendoodles.

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MedStar Institute for Innovation

Daniel R. Lucey MD, MPH

Curator, Smithsonian Museum of Natural History; Expert on "Pan-Epidemics" Adjunct Professor, Georgetown University Medical Center and Law Center

Daniel R. Lucey MD, MPH is an infectious disease and public health physician who teaches courses on Global Epidemics as an adjunct Professor at Georgetown University Medical Center, Law Center O'Neill Institute, and the School of Foreign Service. Catalyzed by providing clinical care to many persons with Ebola Virus Disease in West Africa in 2014, he first proposed and now serves as a curator for an Exhibit on Global Outbreaks and "Pan-Epidemics" at the Smithsonian National Museum of Natural History in Washington, DC. It will open in March 2018 for 24 months. It will also travel (inter)nationally.



Dr. Lucey travels to outbreaks and "pan-epidemics" to work with medical and public health colleagues e.g., Democratic Republic of the Congo and China summer 2016 for Yellow Fever, Brazil in February 2016 for Zika/microcephaly, Republic of Korea June-July 2015 for MERS, August 2014 to Sierra Leone and October-November 2014 Liberia (with MSF) for Ebola care of over 200 patients, Qatar, Jordan, UAE, Egypt, and Bahrain in 2013 for MERS, Thailand, Vietnam, Indonesia and Egypt for H5N1 avian influenza 2004-2012, & China (Guangzhou, Hong Kong) and Canada (Toronto) in 2003 for SARS.

His Internal Medicine training was at the University of California San Francisco 1982-85, and Infectious Diseases at Harvard University 1985-88. He received his Masters in Public Health (MPH) from Harvard in 1988. Later he worked at the US National Institutes of Health (NIH) as an Attending Infectious Disease Physician and HIV laboratory researcher. 1998-2002 he served as the Chief of Infectious Disease at the 900-bed MedStar-Washington Hospital Center, and then for the Department of Emergency Medicine on biodefense and emerging diseases preparedness.

He has written over 100 papers and book chapters. Jan-May 2016, his five first-author publications have been on Zika virus spread in the Americas and also (predicted) to West Africa, as well as the worsening Yellow Fever epidemics in Africa with cases exported to China:

- 1) Lucey DR, Gostin LO. The Emerging Zika Pandemic: Enhancing Preparedness. <u>JAMA</u> 2016 (online Jan 27); 315 (9); 865-866 (March 1 issue).
- 2) Lucey DR. Time for Global Action on Zika virus epidemic. <u>British Medical Journal</u>. (invited editorial). 2016 (online February 8) 352:i781 doi: 10.1136/bmj.i781
- Lucey DR. Will Zika virus and microcephaly emerge after Ebola in West Africa: Time for Prospective Studies Now. <u>Health Security</u> 2016 (Online March 17).
- Lucey DR. What is Past is Prologue: Lessons learned from Combating Pan-Epidemics. <u>United Nations Academic Impact</u> (UNAI) Invited article posted online April 7, 2016. www.academicimpact.un.org
- 5) Lucey DR, Gostin LO. A Yellow Fever Epidemic: Another Global Public Health Emergency? JAMA 2016. Posted online in <u>JAMA</u> First on May 9.





Kevin Maloy, MD

Assistant Professor of Emergency Medicine, Georgetown University School of Medicine Emergency Physician, MedStar Emergency Physicians, MedStar Washington Hospital Center

Kevin Maloy, MD, FACEP, FAAEM is Assistant Professor of Emergency Medicine at Georgetown University School of Medicine and an Emergency Physician for MedStar Emergency Physicians at MedStar Washington Hospital Center.

Kevin also works at the MedStar Institute for Innovation (MI2) where he heads the data science partnership with Booz Allen Hamilton. His focus is on creating new tools for frontline clinicians to manage the ever-growing corpus of patient data with "big data" techniques, especially within the MedConnect framework.

He is also a self-taught, full stack programmer. His projects have ranged from developing a high-risk, heads up display in the



Emergency Department, to electronic departmental on call lists, to patient satisfaction systems, as well as evaluation management systems for medical students and residents.

Kevin has published in multiple peer-reviewed journals as well as presented at national and international conferences.

Kevin completed his Doctor of Medicine at Georgetown University School of Medicine followed by a residency in Emergency Medicine at MedStar Washington Hospital / MedStar Georgetown University Hospital where he served as a Chief Resident. He received his Bachelor of Arts in English with a concentration in Poetry at Georgetown University. He is board certified in Emergency Medicine and a Fellow of the American College of Emergency Physicians.





Emily Ratner, MD

Founding Medical Director, MedStar Center for Integrative Medicine Director of Integrative Medicine Initiatives, MedStar Institute for Innovation Clinical Professor Emerita, Stanford University School of Medicine

Emily Ratner, MD is the founding medical director of the MedStar Center for Integrative Medicine in Olney, MD. She is passionate about providing patient-centered care, focusing on whole-person health, including mind, body, and spirit. She is delighted to be working with a dedicated integrative medicine practitioner team in Olney, whose goal is to help individuals achieve optimal health and healing.

She was a Stanford Medical School faculty member for 23 years, where she originally trained in anesthesiology. She subsequently received training in integrative medicine, medical acupuncture, mind-body medicine, and mindfulness-based stress reduction. She was founding co-director of Stanford's



Division of Medical Acupuncture. She enjoyed a robust clinical practice at Stanford's Center for Integrative Medicine, where she treated patients with complex medical conditions including chronic pain, cancer, stress, cardiac, pulmonary, and musculoskeletal disorders, prior to relocating to the east coast in 2014.

Dr. Ratner is also passionate about physician, practitioner, and hospital employee resilience and prevention of burnout. She was founding co-director of Stanford's Department of Anesthesiology's PRIME program (Peer Support and Resiliency In Medicine), a comprehensive resident physician program focusing on self-care and peer support.

She has served in leadership positions in various national organizations over the years, including the Academic Consortium for Integrative Medicine and Health and the American Society of Anesthesiologists.

Dr. Ratner delights in her work with her MedStar Institute for Innovation (MI2) colleagues, where she serves as Director of Integrative Medicine Initiatives.

She lives locally with her husband, and enjoys hiking, cooking, traveling, volunteering with an animal rescue organization and especially visiting with her adult children and extended family.

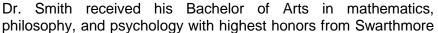


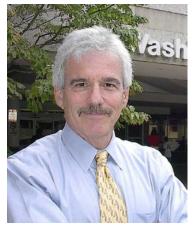
Mark Smith, MD

Chief Innovation Officer, MedStar Health Director, MedStar Institute for Innovation

Mark Smith, MD is Chief Innovation Officer of MedStar Health and the Director of the MedStar Institute for Innovation (MI2) where he leads a system-wide initiative to catalyze and foster innovation. Dr. Smith is also professor and immediate past chairman of emergency medicine at the Georgetown University School of Medicine.

Prior to his appointment as director of MI2, Dr. Smith served as chair of the department of emergency medicine at MedStar Washington Hospital Center for 14 years and as chair of MedStar Emergency Physicians.





College and a master's degree in computer science from Stanford University. His medical degree is from Yale University School of Medicine. Dr. Smith completed an internship in medicine at George Washington University Medical Center and a residency in emergency medicine at Georgetown University Hospital. He is board certified in emergency medicine and is a fellow of the American College of Emergency Physicians.

Dr. Smith's interests include digital health, data science, complex systems theory, information visualization, catalyzing sustainable and self-organizing change that is for the better, and scaling that change within and across large systems. The MedStar Institute for Innovation includes a technology commercialization capability (MedStar Inventor Services); a center for human factors in healthcare; initiatives in consumer health, mobile health, and telehealth; a platform for training in creativity, design, and influence; and a collaboration program with start-ups in the healthcare space.

Prior to his work at MI2, Dr. Smith was the co-founder of Project ER One, MedStar Washington Hospital Center's initiative to develop the design specifications for an all-risks ready emergency care facility for mass casualty incidents. He is the co-creator of MedStar Health's innovative Azyxxi / Amalga clinical information system, which has been in continuous use at MedStar hospitals for 18 years and is utilized in other hospitals in the United States. He has authored numerous journal articles and two textbooks in the field of emergency medicine; served on federal advisory groups in the fields of cardiac care, disaster response, and innovation; and helped to develop large programs in clinical simulation and human factors in healthcare.

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Kenneth O. Stanley, PhD

Associate Professor of Computer Science, University of Central Florida

Kenneth O. Stanley is an associate professor in the Department of Computer Science at the University of Central Florida and director of the Evolutionary Complexity Research Group. He received a B.S.E. from the University of Pennsylvania in 1997 and received a Ph.D. in 2004 from the University of Texas at Austin. He is an inventor of the Neuroevolution of Augmenting Topologies (NEAT), HyperNEAT, and novelty search algorithms for evolving complex artificial neural networks. He is also a co-author of the popular science book, *Why Greatness Cannot Be Planned: The Myth of the Objective* (published by Springer), and has spoken widely on its subject.



His main research contributions are in neuroevolution (i.e. evolving neural networks), generative and developmental systems (GDS), non-objective search, machine learning for video games, and interactive evolution. He has won best paper awards for his work on NEAT, NERO, NEAT Drummer, FSMC, HyperNEAT, ES-HyperNEAT, adaptive HyperNEAT, novelty search, Galactic Arms Race, and NA-IEC. He is an associate editor of IEEE Transactions on Computational Intelligence and AI in Games as well as Frontiers in Robotics and AI (Evolutionary Robotics section), and on the ACM SIGEVO Executive Committee. He is also a co-founder and the editor-in-chief of <u>aigameresearch.org</u>.

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Theresa Stone, MD

Internal Medicine Physician, Medstar Medical Group Mind Body Medicine Facilitator, Georgetown University School of Medicine

Dr. Theresa (Terri) Stone's life epitomizes the values of a healthy lifestyle. A graduate of University of Iowa, she went on to pursue medicine at Georgetown University. While at Georgetown she received both the Dean Milton Corn Academic Award and the Heinz Bauer MD award, both for academic excellence. She completed her residency in Internal Medicine at Washington Hospital Center and after residency she worked for the US PHS as a National Health Corps Scholar in inner city Philadelphia. She has built a large and satisfied clientele in her Internal Medicine practice in Washington, DC. It was while building this practice that she developed a greater interest in lifestyle medicine after becoming aware of health impact of chronic stress on her



busy downtown Washington, DC patients, many of whom work at the World Bank, NGO, Capitol Hill, local law and lobbying firms as well as government agencies.

She has spent years practicing the ideals of lifestyle medicine with her attention to regular exercise, healthy eating consisting of a whole food, plant-based diet and meditation. She has studied extensively in the area of lifestyle medicine including postgraduate training in Lifestyle Medicine at the Harvard University Institute of Lifestyle Medicine, Healthy Kitchens Healthy Lives Harvard School of Public Health, and the Physician Committee for Responsible Medicine, and is a Board Member of the Mindfulness Center in Bethesda, Maryland. She has already had feedback from her clients of the life changing effect that her healthy lifestyle counseling has had on them. She is a Fellow of the American College of Physicians and is an active member of the American College of Lifestyle Medicine.





Edmund A. Tori, DO

Associate Director, MedStar Institute for Innovation (MI2) Director, Center for Health Influence & Engagement at MI2

Edmund A. Tori, DO, FACP, CH is the Associate Director of the MedStar Institute for Innovation (MI2) and Director of the Center for Health Influence & Engagement at MI2. He is responsible for catalyzing an innovation culture at MedStar Health through the strategic nurturing of virtual (web, mobile, social media), public (innovation-in-residence, public speaking, seminars, workshops), and interpersonal (oneon-one connections, rapport-building, persuasion, influence) relationships.

Ed teaches physicians, nurses, mid-levels, executives, leaders and associates the sciences of influence, rapport, and engagement for mindfulness, better communication, and improved care delivery.



He conducts "Influence Consults" that touch nearly every aspect of healthcare - consults have

included such diverse healthcare domains as patient experience, philanthropic efforts, patient adherence, system-wide change initiatives, government affairs, bedside manner, staff satisfaction, quality and safety, digital marketing, smoking cessation, and the opening of new healthcare delivery facilities.

His training in influence and persuasion comes from over a decade of apprentice arrangements with experts in diverse influence domains including coaching, social sciences, direct response marketing, advertising, game design, copywriting, hypnosis, Neuro-Linguistic Programming, parenting, public speaking, internet marketing, and others. Dr. Tori is a certified hypnotist.

Ed completed his Doctorate in Osteopathic Medicine at the Philadelphia College of Osteopathic Medicine followed by a residency in internal medicine at MedStar Union Memorial Hospital where he was both Chief Resident and Resident of the Year. He received his Bachelor of Arts in Africana Studies from Cornell University. He is Board Certified in Internal Medicine and a Fellow of the American College of Physicians.

@DrEdTori





Project Manager & Influence Specialist

MedStar Center for Health Influence & Engagement, MedStar Institute for Innovation

Brittany Weinberg, MBA, MSG is a Project Manager and Influence Specialist for the Center for Health Influence and Engagement at the MedStar Institute for Innovation (MI2). In her multiple roles, Brittany supports MI2's mission to catalyze innovation that advances health.

The majority of Brittany's projects at MI2 focus on influence, engagement, rapport, communication, and patient experience. Additional projects which Ms. Weinberg's involved include AgingWell Hub, Simfluence[™], Nursing Units – Influence Project, and #MedStarHealthy. Brittany conducts 'Influence Consults', a deep-dive consultation that infuses influence and engagement principles and theories into the product, initiative, or communication piece and trains the person requesting the consult on influence principles. These consults touch numerous



areas of healthcare ranging from government affairs to older adults or staff satisfaction to patient experience.

Brittany advocates for health innovation not only in her work at MI2, but also through her community involvement. She serves as Ambassador for Aging2.0's Washington, DC Chapter. As ambassador, she provides strategic oversight of the chapter and connects and supports local innovators by running regular events and managing the local community. In her spare time, she regularly delivers nutritious meals to homebound individuals in Washington, D.C. through IONA Senior Services.

Prior to moving to the District of Columbia and joining MI2, Brittany worked in Meals On Wheels and In-Home Services at Mid-Cumberland HRA in middle Tennessee serving the needs of older adults and disabled people across 13 counties. Through this experience in Tennessee, she gained valuable insight into the critical needs to support healthy aging, healthcare, Medicare and Medicaid, and health policy. These experiences continue to influence her at MI2 as she advocates for good health and positive health outcomes for all older adults.

She holds a dual MBA and Master of Science in Gerontology Degree at The University of North Carolina at Greensboro. In 2015, Brittany received the <u>University of North Carolina at Greensboro Pacesetters Award</u> for her innovative efforts to advance health and aging.

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Members of the TJ3 Trumpet Ensemble

<u>Terry</u> and the three <u>John / John / Jon's</u> combine to be the: TJ3 Trumpet Ensemble, which has been together for five years.



In December of 2011, after playing holiday songs for hospitalized inpatients, several trumpet players thought it would be great to form a trumpet ensemble. The principles included three physicians and a PhD attorney. None of them needed anything else to complicate their schedules. However, the dye was cast with the concept of the group and the joy of playing!

"We strive to play to the best of our abilities and hope that we bring a measure of joy to all who listen. Amateurs by background, but musicians in our hearts. We hope you will enjoy the efforts of the TJ3 Trumpet Ensemble."



John N. Aseff, MD, is a board-certified specialist in Physical Medicine and Rehabilitation (PM&R), Director of Electrodiagnostic Services, Medical Director of the Post-Polio Program, and Medical Director, Admissions, at MedStar National Rehabilitation Network, and Clinical Professor of Rehabilitation Medicine at Georgetown University School of Medicine. He was the founding director of the MedStar National Rehabilitation Hospital PM&R Residency Program in 1986, and Chair Emeritus of the PM&R Department at the MedStar Washington Hospital Center.



Rollin J "Terry" Fairbanks, MD MS is Associate Director of the MedStar Institute for Innovation (MI2) where he is responsible for innovation in safety and innovation in learning, with oversight of National Center for Human Factors in Healthcare and MedStar SiTEL, Associate Professor of Emergency Medicine at Georgetown University and Adjunct Associate Professor of Industrial Systems Engineering at the University at Buffalo, and an emergency physician at the MedStar Washington Hospital Center.



John E. Toerge, DO, is a specialist in Physical Medicine and Rehabilitation (PM&R) at the MedStar NRH Outpatient Physician Center in Bethesda, and faculty at the Georgetown University Department of Rehabilitation Medicine. Dr. Toerge has served in various capacities at MedStar NRH throughout his tenure, including leadership, administrative and clinical care positions. He was one of the founding clinicians at MedStar NRH and was instrumental in the development and initiation of major clinical programs. Dr. Toerge once served as company physician for the Chicago City Ballet.



Jonathan Young, PhD, JD, is General Counsel and VP Policy/Advocacy at Braeburn Pharmaceuticals, Princeton, NJ. He served as President Obama's Chairman of the National Council on Disability and President Clinton's White House Associate Director of the Office of Public Liaison, as well as through his work with the American Association of People with Disabilities and the NRH Center for Health and Disability Research, Jonathan has played a leading role in advancing national disability policy and research. When he was a White House Fellow, Dr. Young was Co-founder and Vice Chair of the Committee on Disability Power & Pride. Before

law school he served in the Executive Office of the President, where he led several disability policy initiatives.

Dr. Young has several connections to MedStar Health. Partially paralyzed from a spinal cord injury, he has long been an MNRN patient, and Dr. Toerge was his Spinal Cord Injury Program physician when he had his original injury, decades ago. Braeburn Pharmaceuticals has partnered with MedStar's usability services group, part of the National Center for Human Factors in Healthcare at the MedStar Institute for Innovation.