CENTERS FOR MEDICARE & MEDICAID SERVICES

CONTINUING EDUCATION (CMSCE)

Health Datapalooza V
CE Activity Information & Instructions

Information by Session

Instructions for Continuing Education Credit

CMS
CENTERS FOR MEDICARE & MEDICAID SERVICES

Information by Session

Blue Button Workshop

SUN, 1JUN2014 2:00-4:00PM (TBD)

Activity Description:

Last year ONC released technical guidelines (AKA Blue Button+) for data holders (health care providers and hospitals) and app developers on using standardized formats to share health records with consumers and make it useful via consumer-facing apps and tools. We've been working on an updated version of the guidelines that includes an expansion of technical guidance, guidance for new types of organizations (such as health plans), and resources for marketing and outreach to consumers.

This workshop is designed to be an interactive session in which you will:

- Get a sneak peek at the latest guidance supporting the Blue Button Initiative
- Hear first hand from consumers, providers and other "data holders", and app developers about their priorities, successes and challenges related to consumer engagement in health
- Contribute your expertise to improve ONC's updated guidelines supporting the Blue Button Initiative

Target Audience:

This activity is designed for data experts, technology developers, entrepreneurs, policy makers, health care system leaders, community advocates, and other stakeholders committed to supporting innovative applications of health and health care data.

Learning Objective:

By the end of this session, participants should be able identify tools and approaches to improve the way developers and other stakeholders approach health data.

Speaker Bios & Disclosures:

All planners and developers of this activity have signed a disclosure statement indicating any relevant relationships and financial interests. This activity was developed without commercial support.

Adam Dole

Adam Dole is a Presidential innovation Fellow working on the MyData Initiatives (Blue Button) within the Office of Consumer eHealth for the Office of the National Coordinator (ONC) for Health IT at the US Department of Health and Human Services. Adam's year long fellowship (June 2013-June 2014) centers on advancing Blue Button consumer access to their health data in useful formats that helps them to better manage their health and healthcare.

Prior to his fellowship with ONC, Adam was an entrepreneur-in-residence at the Mayo Clinic, where he was involved in the strategic planning of new healthcare products and services. His responsibilities included developing new ventures at the intersection of healthcare and technology to expand Mayo Clinic's scope and reach through new business models. While at Mayo Clinic, Adam incubated a digital health startup funded by Mayo Clinic and The Sociai+Capital Partnership. Adam has been the creative mind helping to develop and launch ONC's Blue Button Connector website, which helps consumers locate where their health information might reside as well as assist developers to better understand the health information being liquidated to fuel the creation of useful consumer apps and tools.

Mr. Dole holds a Master's of Business Administration (MBA) degree with an emphasis in Design Strategy from California College of Arts.

Adam Dole has nothing to disclose.

Nyain Jain

Nayan Jain is a Presidential Innovation Fellow working on the MyData Initiatives (Blue Button) within the Office of Science and Technology for the Office of the National Coordinator (ONC) for Health IT at the US Department of Health and Human Services. Nayan's year-long fellowship (June 2013-June 2014) centers on helping health dataholders such as insurers and vendors optimize the usage of standards to give consumers a better user experience with their Blue Button health data.

Prior to his fellowship with ONC, Nayan began his career in health IT designing the administrative database for the Department of Neurosurgery at Emory Hospital. After graduating and a stint writing applications for back-office propane systems, Nayan joined the DC-based startup, Audax Health. While serving as Director of Mobile Technology at Audax, he helped build the core Zensey mobile and web platforms that aim to drive behavior change through consumer engagement and social game mechanics. Nayan collaborated to build MedTuner, an artificial intelligence that alerts its followers of important health events using techniques in machine learning and natural language processing, which was awarded first place at the 2012 Health 2.0 Developers' World Cup in San Francisco, CA.

Mr. Jain holds a Bachelor of Science degree in Human Computer Interaction and Computer Science from Georgia Institute of Technology.

Mr. Jain has nothing to disclose.

Josh Mandel
Josh C. Mandel, MD is a physician and software engineer with a special interest in building tools that support app developers new to the health domain. He is an is an ONC grantee of the Strategic Health IT Advanced Research Projects (SHARP) program. After earning a Bachelor of Science degree in Computer Science at the Massachusetts Institute of Technology and an Medical Degree at the Tufts University School of Medicine, Josh serves as the lead architect for the Sustainable Medical Apps, reuseable technologies (SMART) Platforms where he's helping to foster an ecosystem of "substitutable" medical applications that can run in multiple EMRs, PHRs, and data mining platforms.

Dr. Mandel has nothing to disclose.

Simone Myrie
Simone Myrie has been employed as a public health analyst within the Office of the National Coordinator for Health IT, HHS, since June 2013.

Simone Myrie earned a Bachelor of Science degree from the University of Maryland, College Park in Family Science, a multidisciplinary field that investigates and analyzes the economics, culture, health and more of the various family structures that exist within this country. Prior to joining ONC in 2013, Simone worked as associate at the Mizeur Group, LLC, a small health policy firm wherein she adyised and worked alongside various healthcare clients that span Health IT vendors, home health agencies, federal agencies and LTACH providers. Since joining ONC, Simone has helped to manage communication with members of the Blue Button Pledge Program -a public/private partnership of over 550 organizations committed to either giving consumers electronic access to their health information or spreading the word. She also assists with the nationwide Blue Button Campaign aimed at bringing more awareness and demand for consumer access to their health data.

Simone Myrie has nothing to disclose.

Lygeia Ricciardi
Lygeia Ricciardi is the Director for the Office of Consumer eHealth at the Office of the National Coordinator for Health IT (ONC) within the US Department of Health and Human Services (HHS). She has been in this position since 2011and is responsible for guiding ONC and its public and private sector partners in meeting Goal IV of the Federal Health IT Strategic Plan: to "Empower Individuals with Health IT to improve their Health and the Health Care System."

Prior to joining ONC where she articulates and leads their strategy for consumer engagement via health IT, Ms. Ricciardi ran a consulting practice called Clear Voice Consulting specializing in consumer eHealth. Previously, she was a Director in the Health program at the Markle Foundation. In her current role at ONC, Ms. Ricciardi has been published in journals such as Health Affairs and gives dozens of speeches at major conferences such as Consumer

Electronics Show, HIMSS,Health Datapolooza, and other speaking engagements with research & academic institutions such as Robert Wood Johnson Foundations, PEW, Brookings Institution and George Washington University. Her work has also been featured on C-SPAN,NPR, and Wall Street Journal.

Lygeia Ricciardi earned a Master's Degree in Technology & Education from Harvard University and also studied at the MIT Media Lab and Wellesley College.

Lygeia Ricciardi has nothing to disclose.

Continuing Education Credit Available:

The Centers for Medicare & Medicaid Services is evaluating this activity for continuing education (CE) credit. The number of credits awarded will be calculated following the activity based on the actual learning time and will be reflected on the post activity continuing education announcement. Final CE information on the amount of credit and post activity assessment and evaluation instructions will be forwarded to participants after the activity is finished.

The activity must be at least 60 minutes of learning time to be approved for continuing education units

Accreditation Statements

Please click here for accreditation statements

Open Health Data as a Tool for Investigative Journalism

MON, 2JUN2014 3:00PM-4:00PM (Delaware)

Activity Description:

Innovative journalists and their media organizations have been taking state and federal health data, crunching it and sometimes building news applications that allow the public to customize big data in a very personal way. ProPublica, for instance, took data on more than 1 billion prescriptions dispensed in Medicare Part D and created Prescriber Checkup, an app that allows users to compare their personal physicians to peers in the same specialty and state. The Center for Investigative Reporting built a tool that allows users to compare painkiller prescribing at VA medical centers nationwide over several years. ClearHealthCosts.com is finding and posting cash and self-pay prices, and is also using crowdsourcing to discover and reveal charges, contracted rates and a full picture of how people are paying for health care. And Kaiser Health News has made it easy to find data on hospital readmission penalties and geographic variations on spending for post-acute care. Reporters from each of these organizations will talk about how they think about using health data, how they customize it for a wider audience and ways in which the government should continue making useable information available.

Target Audience:

This activity is designed for data experts, technology developers, entrepreneurs, policy makers, health care system leaders, community advocates, and other stakeholders committed to supporting innovative applications of health and health care data.

Learning Objective:

By the end of this session, participants should be able to identify ways in which media organizations build news applications to allow the public to customize big data on a personal scale.

Speaker Bios & Disclosures:

All planners and developers of this activity have signed a disclosure statement indicating any relevant relationships and financial interests. This activity was developed without commercial support.

Jennifer LaFleur

Jennifer LaFleur has been senior editor for data journalism at the Center for Investigative Reporting since Oct. 2013. Prior to that, she held a similar position at ProPublica. She has been employed in this capacity at other organizations since 1995.

Ms. LaFleur is one of the leading practitioners of data analysis in journalism. She often is asked to speak at conferences both in the United States and internationally. She has won awards for

her work, including stories specific to health care data.

Jennifer LaFleur earned a Master of Arts degree in Journalism from the Univeristy of Missouri School of Journalism.

Ms. LaFleur has nothing to disclose.

Charles Ornstein

Charles Ornstein is a senior reporter at ProPublica, an investigative reporting news organization based in New York. Before joining ProPublica in 2008, he was a health care investigations reporter for the Los Angeles Times. His work has been honored with a number of major journalism awards, including the Pulitzer Prize for Public Service. He is past president of the Association of Health Care Journalists and an adjunct professor at Columbia University's Graduate School of Journalism.

Mr. Ornstein's work has focused on conflicts of interest in medicine, including payments from pharmaceutical companies to physicians. He has also used Medicare Part D prescription data to compare health care providers on their prescribing practices, showing variation at the individual doctor level and raising questions about CMS oversight.

Charles Ornstein earned a Bachelor of Arts degree in History and Psychology from the University of Pennsylvania.

Mr. Ornstein has nothing to disclose.

Jeanne Pinder

Jeanne Pinder founded clearhealthcosts.com, bringing transparency to the health-care marketplace by telling people what stuff costs, in early 2011. Before founding this groundbreaking New York City startup, she spent nearly 25 years at The New York Times as a reporter, editor and H.R. executive, volunteering for a buyout in 2009. Before The Times, she worked at The Grinnell (Iowa) Herald-Register, her family's newspaper; The Associated Press;and The Des Moines (Iowa) Register. She was a Russian major and spent nearly two years living in what was then the Soviet Union, a place almost as opaque as the health-care marketplace.

Since 2011, Ms. Pinder and her team have been reporting on pricing in the health-care marketplace. She has won a series of grants and awards for her work, and has earned extensive news coverage for bringing to the consumer web a resource that allows people to tell what stuff costs. Most recently, the clearhealthcosts.com team and two partners won a prototype grant from the JohnS. and James L. Knight Foundation, which funds transformational journalism projects, to crowdsource health-care prices in California.

Jeanne Pinder earned a Bachelor of Arts degree in Russian from Grinnell College.

Ms. Pinder has disclosed that she serves as the Founder, CEO, of clearhealthcosts.com and is a shareholder in The New York Time..

Jordan Rau
Jordan Rau is a senior correspondent for Kaiser Health News, a nonprofit news service covering health policy issues at the federal and state level. His stories have been published in The New York Times, Washington Post, USA Today, Philadelphia Inquirer, Chicago Tribune, Politico, and on npr.org and nbcnews.com, among other media outlets. He came to KHN when it was started in 2009 from the Los Angeles Times. KHN is based in Washington, D.C., and is an editorially independent program of the Henry J. Kaiser Family Foundation.

Mr. Rau uses health care data in his news stories and trains other journalists.

Jordan Rau earned a Bachelor of Arts degree in History from Wesleyan University.

Mr. Rau has nothing to disclose.

Continuing Education Credit Available:

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Accreditation Statements

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Clinician - Data Infrastructure in Clinical Settings

MON, 2JUN2014 4:30PM-5:30PM (Washington 5)

Activity Description:

"So you can capture a plethora of patient data, now what?" This session will discuss and explore how clinical workflows can handle the reams of patient data streams (e.g., self-monitoring) that are possible.

Target Audience:

This activity is designed for data experts, technology developers, entrepreneurs, policy makers, health care system leaders, community advocates, and other stakeholders committed to supporting innovative applications of health and health care data.

Learning Objective:

By the end of this session, participants should be able to identify ways in which patient-generated data can be incorporated into the clinical workflow.

Speaker Bios & Disclosures:

All planners and developers of this activity have signed a disclosure statement indicating any relevant relationships and financial interests. This activity was developed without commercial support.

David Haddad

David Haddad is the executive director of Open mHealth which is unlocking data to better manage health. Mr. Haddad has been employed and leading Open mHealth since its inception in September 2011.

Mr. Haddad earned a Master of Science degree in Health Economics and Policy from the London School of Economics.

Mr. Haddad has nothing to disclose.

Paul Harris

Paul Harris, PhD, is an associate professor of biomedical informatics and biomedical engineering with extensive experience working in the field of clinical and translational research informatics. He serves as director of the Vanderbilt University Office of Research Informatics and is very active in the NIH Clinical and Translational Science Award (CTSA) informatics community. In addition to supporting the Vanderbilt University research enterprise, Dr. Harris devised and created REDCap (www.projectredcap.org), a data collection toolset that has seen widespread adoption by more than 1010 institutional partners and

142,000 end-users across 79 countries. He also created and runs a national program (www.researchmatch.org) designed to match individuals wishing to volunteer for studies and researchers recruiting patients for studies and trials. ResearchMatch is serving over 56,000 research volunteers and 88 research institutions.

Dr. Harris earned a Bachelor of Arts degree in Organizational Management from Concordia College.

Dr. Harris has disclosed that he serves a consultant for nPhase.

Rachel Kalmar
Rachel Kalmar is a data scientist at Misfit Wearables, where she works on signal processing, data infrastructure, and on various types of wearable devices and their corresponding data. She has been in the connected device and digital health space since 2011. From 1999-2011, Rachel did research in systems neuroscience.

Ms. Kalmar has spent the past 15 years doing research about how noisy signals can be used to model, explain, and predict behavior, both in basic science and in consumer device contexts.

Ms. Kalmar earned a Bachelor of Arts degree in Organizational Management from Concordia College.

Ms. Kalmar has disclosed that she is a full-time employee of Misfit Wearables.

John Mattison
John Mattison, MD. is the Assistant Medical Director, Chief Medical Information Officer for Kaiser Permanente, Southern California.

Dr. Mattison has pursued a wide range of activities in health and wellness throughout his career. Initially he practiced primary care, preventive medicine, critical care, trauma and helicopter medicine, and was one of the founders of the hyperbaric medicine program at UCSD. He practiced for five years as an intensivist and was director of critical care, pharmacy and therapeutics, quality and utilization at various times during his tenure at Scripps, prior to continuing his clinical practice at Kaiser Permanente in 1989.

Dr. Mattison has dedicated his recent career to advancing Health Information Technology at Kaiser Permanente and to advancing health policy at both state and federal levels. He designed and implemented his first EHR in 1984 and has designed or implemented six additional EHRs since then. He chairs both regional and national IT investment portfolios for Kaiser Permanente. His team led the first and largest deployment of KP HealthConnect, the largest private health record deployment in the nation. He continues to lead scores of innovation projects throughout Kaiser Permanente, ranging from mobile healthcare apps,

social analytics and interventions, telemedicine, big data analytics, and the behavioral economics of change. He is currently launching a project to transform how complex data sets, including genomic, microbiomics, exposomics, socialomics and phenomics can be transformed through visualization into intuitive representations that support shared decision making and better patient activation.

Dr. Mattison is actively involved in designing a topologic and heuristic strategy for managing the avalanche of data associated with pervasive sensing, the IOT, and Big Data in general. His primary goal is to harvest the exponential growth of knowledge about health and use it to help individuals participate more directly in improving their own health and resilience and at the same time engage their communities in broader initiatives around health promotion for all members of the community. At the individual level, he is dedicated to helping restore the healing and caring aspects of how caregivers motivate and coordinate the care of every individual they treat. John is actively involved in addressing the issues surrounding social equity in the digital era, both inside and outside of healthcare.

Dr. Mattison earned his Doctor of Medicine degree at the University of California Davis School of Medicine.

Dr. Mattison has disclosed that he is employed by Kaiser Permanente.

Continuing Education Credit Available:

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Accreditation Statements

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Health Data in Other Planning Efforts

TUE, 3JUN2014 1:30PM-2:30PM (Washington 3)

Activity Description:

Health concerns are increasingly being integrated into other local planning activities, including transportation planning, traffic, housing, and economic development. This session will share examples and discuss potential for leveraging health data to understand and drive outcomes.

Target Audience:

This activity is designed for data experts, technology developers, entrepreneurs, policy makers, health care system leaders, community advocates, and other stakeholders committed to supporting innovative applications of health and health care data.

Learning Objective:

By the end of this session, participants should be able to identify ways in which health data can be beneficial and more readily utilized in realms outside of healthcare.

Speaker Bios & Disclosures:

All planners and developers of this activity have signed a disclosure statement indicating any relevant relationships and financial interests. This activity was developed without commercial support.

Kara Blankner

Ms. Blankner has served as manager of the Health Impact Project, a collaboration of the Robert Wood Johnson Foundation and The Pew Charitable Trusts, designed to promote the use of health impact assessments (HIAs) and support the growth of the field in the United States since 2009. Before Pew, Ms. Blankner held a number of positions in the public health field, serving on the public health and childhood obesity teams at the Robert Wood Johnson Foundation; working as a senior policy analyst at the National Governors Association Center for Best Practices, where she specialized in childhood obesity and children's health policy; and managed Health Kids, Health America, a 15-state grant program designed to prevent childhood obesity through policy and environmental change at the state level.

In her role at Pew, Ms. Blankner provides training, technical assistance, and mentoring to HIA practitioners around the county and collaborates with partners and key stakeholders to develop programs and solutions that address the needs of the field.

Ms. Blankner earned a Master of Public Health degree in Social and Behavioral Sciences from John Hopkins Bloomberg School of Public Health.
Ms. Blankner has nothing to disclose.

Nick Macchione

Mr. Macchione has 27 years of experience in the delivery, management and policy of health and human services. Since 2008, Mr. Macchione has served as Director of the Health and Human Services Agency for the County of San Diego in California. As one of the nation's largest local integrated delivery systems for health and human services spanning from womb, the Agency has earned national recognition for its highly innovative and cost effective solutions in improving the health, safety and well-being for the 825,000 clients they serve on an annual basis. As the key founder of the county's ten year $20B plan for population health and wellness, called "Live Well San Diego", in 2010 the Agency implemented a broad-based strategy to improve health outcomes, reduce medical care costs and improve the customer experience in navigating the health system.

Mr. Macchione has a Master's Degree in Health Services Management from New York University and a Master's Degree in Health Policy from Columbia University. He is board certified in healthcare management and holds fellow status with the American College of Healthcare Executives. In addition, he holds two national fellowships with the American Hospital Association as a Creating Healthier Communities fellow and the Public Health Leadership Institute and Centers for Disease Control & Prevention as a Public Health Scholar.

Mr. Macchione has nothing to disclose.

Jack Madans

Jack Madans manages government partnerships at Code for America. He advises government officials on a range of topics from innovation policy and open data strategy to community organizing and change management. He has spearheaded multiple iniatives to open and build ecosystems on top of government data.

Mr. Madans earned a Bachelor of Arts degree in Political Science from the University of California, Berkeley.

Mr Madans has nothing to disclose.

Continuing Education Credit Available:

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Accreditation Statements

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Strong Correlation...Close Enough?
-- A Session on Data Analytics

TUE, 3JUN2014 1:30PM-2:30PM (Washington 3)

Activity Description:

Moving beyond doubled blinded studies and historical 'truth' to real world approaches and solutions. Description of next generation machine learning platforms and use cases. Specific attention to analytic techniques and technologies around strong correlation and hypothesis-generated algorithms. Contextualizing Big Data and exploring its meaning in specific use cases such as the relationship between program participation and clinical metrics with an eye towards balancing real world constraints and validated confidence.

Target Audience:

This activity is designed for data experts, technology developers, entrepreneurs, policy makers, health care system leaders, community advocates, and other stakeholders committed to supporting innovative applications of health and health care data.

Learning Objective:

By the end of this session, participants should be able to identify case studies of technologies surrounded around next generation machine learning platforms.

Speaker Bios & Disclosures:

All planners and developers of this activity have signed a disclosure statement indicating any relevant relationships and financial interests. This activity was developed without commercial support.

Sujata Bhatia

Sujata K. Bhatia, MD, PhD, PE is a physician, bioengineer, and professionally licensed chemical engineer who serves on the teaching faculty of biomedical engineering and executive education at Harvard University. She is the Assistant Director for Undergraduate Studies in Biomedical Engineering at Harvard; she is the academic advisor for all Harvard undergraduate students in bioengineering and biomedical engineering. She is also a Lecturer on Biomedical Engineering. In addition, she is an Associate of the Harvard Kennedy School of Government for the Science, Technology, and Globalization Project; she works with students on projects for medical innovation in Africa, as well as global engineering education. She is additionally a faculty member in the Harvard Kennedy School Executive Education program on Innovation for Economic Development.

Dr. Bhatia graduated from the University of Delaware in 1999 with bachelor's degrees in biology, biochemistry and chemical engineering and a master's degree in chemical engineering.

Sujata then trained in the MD/PhD combined degree program at the University of Pennsylvania School of Medicine and graduated in 2003.

Dr. Bhatia has nothing to disclose.

Ronald J. Ozminkowski

Dr. Ron Ozminkowski is Senior Vice President and Chief Scientific Officer in the Consumer Solutions Group at Optum. He is internationally recognized as an expert in the evaluation of health and productivity management programs, and has published widely on these and related issues.

Before joining the Consumer Solutions Group, Ron served as Vice President for Research and Development in the Advanced Analytics Group at OptumInsight and Ingenix. He also served as Director of Health & Productivity Research at The Medstat Group and as Associate Director of the Institute for Health and Productivity Studies at Cornell University. His doctoral degree is from the University of Michigan School of Public Health, with an emphasis in Health Economics. He also holds Masters Degrees in Applied Economics and Health Services Administration, also from the University of Michigan.

Dr. Ozminkowski has a long history of working with Big Data sources, for program evaluations, research and development, and other support for programs meant to help people live healthier lives. He has graduate training in economics and program evaluation, and over 25 years of experience in these areas. He has conducted evaluation and other research studies for the federal government, several state governments, many health plans, hospitals, and large employers. He has over 100 peer-reviewed publications describing these activities.

Dr. Ozminkowski has disclosed that he is an employee and shareholder of UnitedHealth Group.

Suchi Saria

Dr. Suchi Saria directs the Sensing, Prediction and Inference laboratory at Johns Hopkins University. Her research involves developing computational algorithms and techniques for processing large scale, high-dimensional and heterogeneous data, especially those from electronic health record databases and other sensing devices. In her research she has worked for the last seven years on models for information extraction, prediction and inference from such data. She developed one of the first studies in newborn infants that integrated large scale clinical data from instruments in the inpatient environment and the electronic medical record. She developed latent variable models that infer the infant's health trajectory based on such data, which also led to novel early risk prediction tools in infants.

This work, dubbed by Science as the modern 'electronic Apgar', has now been licensed by one of the largest bedside monitoring companies in Japan. Her work has also received recognition through a number of awards including, a best student paper finalist award for

work on extracting patient outcomes from electronic medical record data, a best student paper award on providing fast inference algorithms for time series models, a cover article in Science Translational Medicine on her work in predictive models for infants. She has also received a NSF Computational Innovation fellowship awarded nationally only to twenty fellows, a Betty and Gordon Moore foundation award for work on big data approaches to monitoring harm in the inpatient setting, a Rambus fellowship, a Google Research award and the Microsoft full scholarship. She has co-chaired, co-organized or served on the senior program committee for a number of meetings at the intersection of computing and informatics and has been invited to give over 20 talks in the last two years on machine learning and computing with electronic medical record data. She has current grants totaling $1.6+ Million as PI and 550K+ as co-leading on algorithm development for big data applications.

Dr. Saria earned her Ph.D in Computer Science at Stanford University. She is an Assistant Professor in Computer Science, Health Policy & Management, and Informatics at Johns Hopkins. She also teaches an advanced graduate class on machine learning and its applications to complex, big data domains.

Dr. Saria has nothing to disclose.

Gurjeet Singh
Dr. Gurjeet Singh is a co-founder and the CEO of Ayasdi. He holds a Bachelor's degree from Delhi University, and a Master's and Ph.D. degree in Computational Mathematics from Stanford University.

Dr. Singh first met Gunnar Carlsson, a co founder of Ayasdi, at Stanford during his Ph.D. and this led to his graduate work and thesis on the theory, algorithms and applications of Topological Data Analysis (TDA). During his time participating in a DARPA funded project on TDA, he designed and developed various TDA algorithms to bring out the shape and meaning of data, leading to the creation of Ayasdi's core technology and machine-learning algorithms. Dr. Gurjeet has published academic papers in top mathematics journals and computer science conferences, previously worked at Google and Texas Instruments.

Dr. Singh has nothing to disclose.

Continuing Education Credit Available:

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Accreditation Statements

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Connecting the "Quantified Self" with the Healthcare System

TUE, 3JUN2014 3:00PM-4:00PM (Washington 4)

Activity Description:

New products and services – from fitness trackers to advanced home diagnostics to genetic testing – are making it easier for people to gather information about their health, as well as share this information with providers and other health care stakeholders. Join this session to learn about the future of consumer engagement and how emerging, new sources and types of health data are being used to improve wellness and to manage disease more effectively.

Target Audience:

This activity is designed for data experts, technology developers, entrepreneurs, policy makers, health care system leaders, community advocates, and other stakeholders committed to supporting innovative applications of health and health care data.

Learning Objective:

By the end of this session, participants should be able to identify ways in which consumers are self-tracking health and fitness-related data.

Speaker Bios & Disclosures:

All planners and developers of this activity have signed a disclosure statement indicating any relevant relationships and financial interests. This activity was developed without commercial support.

Eran Bashan

Dr. Bashan co-foudned and has been the CEO of Hygieia, Inc. (Ann Arbor, MI) since its foundation in 2008. He led Hygieia through the development of d-Nav and the commercial launch of its innovative d-Nav Insulin Guidance Service – now available in the United Kingdom. From July, 2004-May, 2008 he was a research assistant at the University of Michigan. Prior to that Mr. Bashan was head of algorithms development at OTM technologies (Herzliya, Israel).

Dr. Bashan earned a PhD in EE:Systems from the University of Michigan focusing on efficient resource allocation and has developed d-Nav to transform the way insulin users are supported by healthcare systems. Mr. Bashan has worked with governments, payers, healthcare providers, and industry to develop an innovative care delivery model to allow insulin users to take control of their diabetes.

Dr. Bashan has disclosed that he is an employee and shareholder in Hygieia, Inc..

Euan Thomson

Dr. Euan Thomson has been employed by Khosla Ventures, a venture capital firm, since January 2011 as an Operating Partner, working with portfolio companies in healthcare . Prior to joining Khosla Ventures, Dr. Thomson had more than 14 years of experience as a CEO, managing both private and public companies. Trained as a medical physicist, he devoted more than fifteen years to research, teaching, clinical practice, and administration within the United Kingdom health care system. In parallel, Dr. Thomson formed a successful consultancy practice, providing advice for companies and hospitals on scientific development, product marketing, and management.

In 2002, Dr. Thomson joined Accuray Inc., then a small, privately-held concern. He managed the clinical expansion of Radiosurgery through the creation of protocols and studies for treatment of tumors in the brain, spine, lung, liver, pancreas, prostate and breast. Between FY2001 and 2012, he managed improvement of Accuray's intellectual property portfolio from five issued U.S. patents to 290 issued U.S. and foreign patents, grew revenue from $10 million to more than $400 million, and guided Accuray through its IPO in 2007 .

At Khosla Ventures, Euan is working with most of the healthcare portfolio, including Quanttus, CeiiScope, ZyoMed, AliveCor, EyeNetra, Ginger.io and Lum.

Dr. Thomson earned a Bachelor of Science degree in Physics, Master of Science degree in Radiation Physics, and Ph.D in Physics from the University of London.

Dr. Thomson has disclosed his is an Operating Partner in Khosla Ventures.

David Van Sickle

Dr. Van Sickle has been employed by Propeller Health since September of 2010. Previously (2006-9) he was a Robert Wood Johnson Health and Society Scholar at the University of Wisconsin School of Medicine and Public Health.

From 2004-2006, Dr. Van Sickle was an Epidemic Intelligence Service officer at the Centers for Disease Control and Prevention in Atlanta, where he was assigned to the Air Pollution and Respiratory Health Branch. Dr. Van Sickle received his PhD in medical anthropology from the University of Arizona in 2004.1n 2011,he was named a Champion of Change by the White House for his work on innovation

Dr. Van Sickle earned his Ph.D in Medical Anthropology from the University of Arizona.

Dr. Van Sickle has disclosed that he serves as the CEO of Propeller Health and is a shareholder in Propeller Health.

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Instructions for Continuing Education Credit

Learning Management System (LMS) Instructions

In order to receive continuing education credits for eligible Health DataPalooza IV sessions, you must pass the session post-assessment and complete the evaluation. The Health DataPalooza IV continuing education post-assessments and evaluations are being administered through the Medicare Learning Network®. **Each session that carries continuing education credits has its own post-assessment and evaluation.**

Registering To Take a Post-Assessment

If you have previously taken Medicare Learning Network® (MLN) web-based training courses, you may use the login ID and password you created for those courses. If you are a new user, you will need to register.

To register:

1. Go to http://go.cms.gov/MLNProducts on the CMS website.
2. Under "Related Links" click on "Web-Based Training (WBT) Courses".
3. Click on a course title (not the icon next to the title) to open a Course Description Window.
4. At the top of the Course Description Window, click "Register".
5. You will be redirected to a page that instructs you to enter an e-mail address and click "Submit."
6. The screen returned will read: No account was found matching your search criteria. Please click **here** to proceed with registration. Click the word "Here" to continue with registration. After completing this registration, you will be re-directed to your home page.

To login if you already have an account:

1. Go to http://go.cms.gov/MLNProducts on the CMS website.
2. Under "Related Links" click on "Web-Based Training (WBT) Courses."
3. Click on a course title (not the icon next to the title) to open a Course Description Window.
4. At the top of the Course Description Window, click "Login."
5. Enter your login ID and password. You will be re-directed to your home page.

Finding the Post-Assessment

Once you are logged into the LMS:

1. Click on the Web-Based Training Courses link.
2. At the top of the page on the right-hand side, you will see "Topic." Scroll through the topics and select "Health Datapalooza" and click "Search."
3. Find the title of the session you attended and click on the title.

4. Scroll to the bottom of the page. Use the radio buttons to select Certification of Completion or Certificate of Continuing Education.
5. Click the "Take Course" button. The course will appear in a new pop-up window.

Viewing Your Transcript and Certificates

1. Go to http://go.cms.gov/MLNProducts on the CMS website.
2. Click on Web-Based Training Modules link at the bottom of the page.
3. Click on the title of a course and click on Login.
4. Log in using your CMS LMS credentials.
5. To access your certificate, click on "My Homepage" in the left hand menu.
6. Click on "Transcript/Certificate."
7. Click on the Certificate link next to the course title. The course evaluation will display. Once you complete the course evaluation, your certificate will display.

Hardware/Software Requirements

Please click here for hardware and software requirements

CMS Privacy Policy

Please click here for CMS' Privacy Policy

Help

For assistance, contact the CMSCE at CMSCE@cms.hhs.gov via e-mail.