ACT
Health IT

FREE Training!

For All U.S. Healthcare Workers

This activity has been approved for *AMA PRA Category 1 Credits™*.

JOHNS HOPKINS
BLOOMBERG SCHOOL *of* PUBLIC HEALTH

JOHNS HOPKINS
SCHOOL *of* MEDICINE

NORMANDALE
COMMUNITY COLLEGE

This activity is jointly provided by Johns Hopkins University School of Medicine and Normandale Community College.

How Will This Help You?

1. **PREPARE** for the transition to value-driven care:
   This training will help you and your organization understand healthcare transformation in a practical, usable way - why it's important; how it will impact job roles, workflows, care delivery, and the financial considerations of healthcare.

2. **ENHANCE** your role in healthcare and upskill your team
   Trainings will enhance skill sets to enable you or your staff to work more efficiently, knowledgeably and hopefully, with less stress. Topics cover introductory and advanced levels – allowing you to choose how in-depth you would like to go into a topic or knowledge set.

3. **BUILD TEAMS** to improve care delivery, quality and support
   By learning critical topics like data analytics, value-based care and population health concepts, workers will be more apt to appreciate and participate in changing activities and thrive due to healthcare reform, using technology more effectively and accurately, increasing care coordination, redesigning workflows, and more.

To qualify for training, you must work for a healthcare or healthcare related organization. We encourage ALL workers within the healthcare environment to take the training, whether you are clinical, operational, ancillary or administrative.

Certificate Tracks:

Healthcare Data Analytics:

1. Understanding Healthcare Data Analytics (8 CME Credits)
2. Clinical Data Analytics and the Learning Health System (9.5 CME Credits)

Population Health:

1. Population Health Policy (6 CME Credits)
2. Population Health Data Analytics (7.5 CME Credits)
3. Population Health Interventions (9 CME Credits)

Value-Based Care:

1. The Business of Value-Based Care (8.25 CME Credits)
2. Applications of Value-Based Care (6.75 CME Credits)
3. Contracts for Value-Based Care (2 CME Credits)

Enroll and view CME details here:
www.MNHealthIT.com/act.html

The Office of the National Coordinator for
Health Information Technology

This program is funded and sponsored by the ONC (Office of the National Coordinator for Health Information Technology.)

COURSE OPTIONS

CERTIFICATE TRACK: Population Health

Course 1: Population Health Policy - This course is designed to explain the changes to the healthcare system that are emerging as a result of a shift in focus from the individual patient to the population. Developed by leaders at Johns Hopkins with direct responsibility for population care and by researchers in population health, the course starts with a general introduction to population health and then segues to the practicalities of population health management at the business and policy level. Major topics of this course include structural accountable care, population-based care management, financing policies, and research evaluation in population health.

Learning Objectives:
- Describe new models of care for population health and the role of payment reform in the context of population health and accountable care, and explain the challenges of chronic care management in populations while analyzing the ways that health IT can be used for effective population management.
- Discuss and interpret the key financial drivers in the U.S. health care systems and their implications on population health and IT challenges going forward.10. Discuss the research processes by which population health IT solutions bring about change and the environmental/organizational contexts within which they work best.

Course 2: Population Health Data Analytics - This course is designed to provide learners with the core knowledge to identify the specific types of data used in the course of population health management, from billing through clinical through population. Developed by faculty at Johns Hopkins who deal with large scale population health data sets, the course starts with a general introduction to population health analytic and then reviews data types, data sources, and core processes of working with population-based health data. Other topics include implications of Big Data in population health, risk stratification challenges, basic modeling, and advanced use cases.

Learning Objectives:
- Identify various data sources used for population health management, including both traditional and nontraditional data sources, and examine how data quality affects population health analytic.
- Identify challenges in using population health data sources and describe the conceptual and practical challenges of developing population health analytic methods.

Course 3: Population Health Interventions - This course is designed to provide learners with the core knowledge and skills to using the data gathered in a population health context to improve the health of that population. Developed by Johns Hopkins leaders and researchers in population health, the course starts with a high-level introduction to population health and continues with a detailed coverage of various steps involved in the design, deployment, and evaluation of population health interventions. Major topics of this course include risk identification and population segmentation, population health management interventions, and applying the interventions at the community level.

Learning Objectives:
- Explain perspectives related to the concept of "risk" measurement and segmentation within the population health context, and explore developing frontiers in the population-based predictive- modeling field.
- Describe the population health data necessary for segmenting into risk cohorts, and explain the processes and key decision points by which interventions are prioritized for segments of the population.
- Explore the frameworks relevant to the concept of population health at the community level.
- Identify population health programs' key constituents; compare behavior change models; evaluate individual, organizational, and community-level behavior change interventions' designs; and recognize and relate health IT's capabilities, users, and purposes.

CERTIFICATE TRACK: Value-Based Care

Course 1: The Business of Value-Based Care - This course is designed to educate individuals working in the healthcare industry (and those closely tied to the work of healthcare) about the massive change knows as value-based care (VBC) and how it is already having an impact on how healthcare is delivered in the US. The course includes an explanation of the issues with value in US healthcare system, then moves into providing insight into the laws, regulations, and changes to care delivery models that will result from the VBC initiative. New payment models: ACOs, MSSPs, as well as the merit-based incentive payments system for clinics and the potential for penalties are covered in depth. The course provides a foundational

understanding of the core concepts of healthcare reform and will help learners envision the impact VBC will have on their day-to-day work. It also explains how VBC might impact many other aspects of healthcare delivery, including, operations, customer service and patient satisfaction, and financial sustainability.

Learning Objectives:
- Describe the problem with value in US healthcare.
- Define the broad strategy (the Triple Aim) that provides a way forward.
- Describe how Value-Based Care (VBC) is designed to meet the Triple Aim
- Describe new payment models, including ACOs, Bundled Payments, and Incentive payments
- Explain important details of the laws and regulations that establish VBC.
- Identify the elements of healthcare IT required to meet the measurement and reporting standards of VBC
- Articulate concerns raised by VBC and how the ACO model addresses those concerns

Course 2: Applications of Value-Based Care - This course is designed to educate individuals working in the healthcare industry (and those closely tied to the work of healthcare) on how the massive change knows as value-based care (VBC) will affect care delivery, quality measurement and improvement and finally, how VBC affects the need to engage consumers and measure consumer satisfaction.

Learning Objectives:
- Define care management and explain why it is central to VBC
- Delineate opportunities for improved care management that can result from redesigned workflows, improved communication, and effective use of Health IT
- Describe challenges of care transitions and define mitigating interventions and tools
- Describe the importance of quality and safety in VBC
- Identify techniques to link performance assessment with episodes of care
- Use the basics of quality improvement methods to implement quality improvement initiatives in a healthcare organization
- Define consumer engagement
- Explain the importance of consumer engagement to VBC
- Describe how consumer satisfaction is measured in healthcare today

CERTIFICATE TRACK: Healthcare Data Analytics

Course 1: Understanding Healthcare Data Analytics - This course is designed to provide people working in the healthcare industry (and those closely tied to the work of healthcare) a strong, practical understanding of data analytics. Learners will gain an understanding the importance of healthcare data analytics and how to apply a knowledge of analytics to every-day activities. The course will take learners through a number of data analytics exercises which represent real-life healthcare scenarios and show how to use Microsoft Excel to work with data. In addition, the course explains best practices in displaying data so that it is useful to various end-users. Finally, the course provides an overview of how analytics plays an important role in risk adjustment and predictive modeling, two of the foundations of value-driven care.

Learning Objectives:
- Describe different types of data generated in health care
- Describe best practices for communication of data analysis results
- Identify limitations and challenges of re-using clinical data
- Use Microsoft Excel as a tool for data analytics, and demonstrate the ability to:
  - Describe reasons why data needs to be cleaned or modified before analysis
  - Identify and correct basic errors in data
  - Perform descriptive statistics
  - Use pivot tables
  - Describe the relationship between a database in a health IT system and data analysis tools
  - Conduct a data re-use analyses for healthcare quality measurement utilizing a sample data set

Course 2: Clinical Data Analytics and the Learning Health System - This course is designed to provide healthcare professionals who have a grounding in healthcare analytics with insight into the clinical context and use of data, best practices and advanced concepts in healthcare data analytics. The course includes practical exercises which represent real-life

healthcare scenarios. It covers important privacy concerns, and current topics of interest, including machine learning, natural language processing, learning health systems, and usability. *There is no required prerequisite, but learners are strongly advised to complete Understanding Healthcare Data Analytics first.*

Learning Objectives:

- Describe the current state of data analytics in clinical settings, particularly the role that data analytics plays in value-based payment systems
- Identify key tools and approaches to improve analytics capabilities in clinical settings.
- Describe different governance and operations strategies in analytics in clinical settings.
- Analyze data used in population management and value-based care systems
- Describe ethical considerations in risk adjustment and population management

FAQs:

Who qualifies?

This opportunity is available at no cost to the healthcare workforce, including MDs, DOs, DDS's, NPs, PA-Cs RNs and MAs. Also included are healthcare leaders and managers, care coordinators, medical administrative professionals, claims coders, quality officers and senior staff. In short: anyone who would benefit from understanding key concepts of healthcare transformation. Other qualifying industries include medical device, insurance, allied health, and any facility/organization that works directly with healthcare service or operations.

How long will this opportunity be available?

Enrollment is open and courses are running through June 2017. The amount of training seats is limited. The courses will be offered until those seats are filled. Visit: **www.MNHealthIT.com/act.html** to enroll.

Is there a charge or fee?

Taking this training is completely free of charge – funded by the ONC (Office of the National Coordinator for Health IT.) To obtain CME credit there is a one-time $45 fee which covers all of the eligible courses.

How are the courses delivered and how long are they?

Courses are completely online and self-paced. Each course is open for a two-week window (cohort). If you don't finish in the first cohort, you can be transferred into the next cohort. Coursework completion time will vary by course and by student. Estimated contact hours are noted for each course.

Can I take the training later?

Yes, rolling cohorts start every two weeks. However, each cohort has a limited number of training seats available. Please consider signing up as early as possible. Course registration will close when capacity has reached its limit.

Will I be able to do my coursework at work?

You will need to talk with your supervisor to see if this can be a work-sponsored activity. We encourage organizations to support their employees' development with time to complete these courses but do understand how pressured everyone is to make things happen. Take the time to talk with your manager and you might even tie the training into your professional development plan.

Can I take more than one course?

YES! In fact, we encourage you to do that. When you successfully complete one course, you will receive a certificate of completion. If you complete all assigned courses within a certificate track you will receive a Master Certificate for that track.

Are Contact Hours, CEUs or other Credits Available?

CEUs and Contact Hours are available for courses in the Healthcare Data Analytics and Value-Based Care tracks. CME credits are available for courses in all three tracks.

Questions?

Visit our website at: **www.MNHealthIT.com/act.html**