



The Office of the National Coordinator for
Health Information Technology

2020 ONC Annual Meeting

Connecting Policy and Technology: Bringing the EHR to the Patient

JANUARY 27-28, 2020 | JW MARRIOTT | WASHINGTON, DC

@ONC_HEALTHIT | #ONC2020

MONDAY, JANUARY 27

7:30-8:15 Registration – Grand Foyer

8:15-9:55 Morning Plenary Sessions – Grand Ballroom

8:15-8:45 Welcome and Morning Keynote

Alex M. Azar, II, Secretary of Health and Human Services

8:45-9:45 Unique Perspectives on Unique Patient IDs

- Vik Kheterpal, MD, Principal, CareEvolution (Moderator)
- Sarah T. Corley, MD, FACP, FHIMSS, Chief Medical Officer, CVET, MITRE Corporation
- Adrian Gropper, CTO, Patient Privacy Rights
- Blake Hall, Founder and CEO, ID.me
- Mary Beth Kurilo, MPH, MSW, Policy and Planning Director, American Immunization Registry Association
- Ben Moscovitch, Project Director, Health Information Technology, Pew Charitable Trusts

Learn about the unique advantages and disadvantages of implementing a unique patient ID (UPI) in a discussion of UPI creation, assignment, exchange, and reconciliation across highly complex and largely disparate health systems.

9:45-9:55 Congressional Perspective on Unique Patient IDs

Congressman Bill Foster (IL-11)

9:55-10:15 Networking Break

10:15-11:30 Morning Breakout Sessions

Electronic Clinical Decision Support for Opioid Prescribing

Capitol Salon D

This session will provide an overview of the implementation of shareable electronic clinical decision support tools for the CDC Guideline for Prescribing Opioids for Chronic Pain into a clinical environment. The session will cover the user testing of the technical implementation, data utilization challenges, lessons learned, and future direction of the pilot implementation project.

- Floyd Eisenberg, MD MPH, iParsimony, LLC
- Eugenia McPeck Hinz, MD MS, Duke University Health System
- Nitu Kashyap, MD, Associate CMIO, Yale New Haven Health
- Olena Mazurenko, MD, PhD, Assistant Professor, Richard M. Fairbanks School of Public Health Indiana University
- Yauheni Solad, MD, MHS, Medical Director Digital Health, Yale New Haven Health
- Greg White, Security Risk Solutions Inc.

Addressing Health Information and Social Determinants of Health Needs in Medicare, Medicaid, and the Administration for Community Living: Federal and State Initiatives Capitol Salon G

Care coordination, supports, and services addressing an individual's social and health needs in the home and community are critical in supporting older Americans, Americans with disabilities, and their caregivers. The session focuses on health information exchange of essential information for better care coordination, the role of Medicaid and ACL in funding systems, programs addressing an individual's SDOH needs, and a state example of value-based payment model in Missouri's home and community based Medicaid waiver.

- Matt Elrod, Senior Clinical Informatist, MaxMD
- Valerie Huhn, Director, Division of Developmental Disabilities, Missouri Department of Mental Health
- Arun Natarajan, Senior Policy Analyst, ONC
- Shawn Terrell, Health Insurance Specialist, HHS, Administration for Community Living
- Liz Palena Hall, LTPAC Coordinator, ONC

Practical Considerations for the Common Agreement and Qualified Health Information Network Technical Framework Grand Salon IV

Members from the RCE team will share progress to date, highlighting key topics for stakeholder consideration and feedback as it relates to the Common Agreement and QHIN Technical Framework. As an interactive dialogue, the audience will be invited to share perspectives to inform the RCE's and ONC's work.

- Dave Cassel, Executive Director, Carequality Inc.
- Steve Gravely, Founder and CEO, Gravely Group
- Mariann Yeager, CEO, The Sequoia Project

Advancing Interoperability Standards Through USCDI, FHIR®, US Core, and UTG Russel-Hart-Cannon

This session will discuss the use of standards to advance technical interoperability for data exchange. ONC's U.S. Core Data for Interoperability (USCDI) is a new standard expanding on the Common Clinical Data Set that defines a set of health data classes and constituent data elements. Speakers will also discuss the USCDI promotion model, the method to expand and modify the USCDI through a transparent, predictable process. The FHIR (Fast Healthcare Interoperability Resources®) U.S. Core presentation will include its new profiles, its relevance to USCDI, and how it will be managed within the U.S. realm. Finally, UTG (HL7 Unified Terminology Governance) will be discussed as an example of a standards service to the FHIR development and implementation community.

- Christina Caraballo, Director, Audacious Inquiry, LLC
- Brett Marquard, Principal, WaveOne Associates
- Jessica Snell, Informatics Analyst, Apelon
- Al Taylor, ONC

The Current and Future State of Patients' Access to their Health Information

Capitol Salon F

This session will present new findings on how patients are accessing their health information and the types of applications available to patients and caregivers to enable electronic access and use of health information. Methods to electronically access health information have evolved from browser, desktop-based access, to patient portal apps and third party apps that connect to the medical record data systems. This session will present an ONC analysis of national-level survey findings related to individuals' use of portals to access their health information, as well as their use of health apps, and an ONC analysis of app galleries that describes the availability of patient-facing apps. Dr. William Gordon (Medical Director at Partners HealthCare) also will share research on the usage of third-party apps to access health record data.

- Vaishali Patel, ONC (Moderator)
- Wes Barker, ONC
- William Gordon, Partners Healthcare
- Christian Johnson, ONC

FHIR® and Public Health: Current Activities, Plans, and Future Possibilities

Capitol Salon E

Data collection by public health authorities is fundamental to the practice of public health. The data come from many sources including clinical encounters, laboratory results, environmental sampling, reports of births and deaths. This session will briefly focus on the history of public health data collection, the breadth of data points that are collected today, existing standards in use, the feedback loop of data collection/analysis/interpretation/policy development, and it will take a deep dive into what can be expected as health IT moves towards FHIR-based IT solutions.

- Rachel Abbey, MPH; Public Health Analyst; ONC
- Chris Baumgartner; BS; Senior Data Exchange Manager; Washington State Department of Health
- John Bender, MPH, MS; Public Health Analyst; ONC
- Paula Braun, MS; Entrepreneur-in-Residence; Centers for Disease Control and Prevention
- Dan Chaput, MM; IT Specialist; ONC
- James Daniel, MPH; Director of Public Health Innovation; HHS Office of the Chief Technology Officer
- Adi V. Gundlapalli, MD, PhD, MS; Chief Public Health Informatics Officer; Center for Surveillance, Epidemiology, and Laboratory Services (CSELS), Centers for Disease Control and Prevention
- Bryant Thomas Karras, M.D., Sr. Epidemiologist; Chief Informatics Officer; Washington State Department of Health

Avoiding Buyers' Remorse: 2020 Foresight in Health IT Shopping

Grand Salon I

This discussion will highlight considerations in selecting and contracting for certified or uncertified products to meet providers' needs in 2020 and beyond, including but not limited to what it will mean to the health IT shopper that a developer does or does not participate in the ONC Health IT Certification Program.

- David Horrocks, President, Chesapeake Regional Information System for Patients (CRISP)
- Amy Leopard, Partner, Bradley Arant Boult Cummings LLP
- Russ Montgomery, Vice President, Discern Health
- Rick Velandingham, Vice President of EHR Optimization and Integrations, Aledade

Leveraging Health IT to Promote Patient Electronic Health Access within Health Systems and Through Provider Education Commerce

ONC and OCR are working together to implement the 21st Century Cures Act Section 4006 to empower patients and improve access to their electronic health information. This session will highlight how HHS and stakeholders across the health IT landscape are promoting patient access by educating providers on allowable sharing of patient information, clarifying misunderstanding that may currently impede lawful sharing, and ensuring that individuals understand their HIPAA-protected right to access their health information when and where they need it, in the format they choose.

- Amanda Woodhead, ONC (Moderator)
- Janine Fadul, Director of Compliance and Privacy, The George Washington University Medical Faculty Associates
- Leslie Kelly Hall, Patient Advocate
- Deven McGraw, Chief Regulatory Officer, Ciitizen

11:30-12:45 Lunch

A list of area restaurants is available in the registration area; please ask event staff for assistance.

12:45-2:45 Afternoon Plenary Sessions – Grand Ballroom

12:45-1:45 **ONC Town Hall**

ONC leadership is ready to take your questions!

1:45-2:45 **Innovations in Health IT**

- Melanie Evans (Moderator), Reporter, Wall Street Journal
- Jacqueline M. Baker, Director of Innovation Programming, AARP Innovation Labs
- Jay Desai, CEO and Co-Founder, PatientPing
- Ken Mandl, Donald A.B. Lindberg Professor of Biomedical Informatics and Pediatrics, Harvard Medical School; Director, Computational Health Informatics Program, Boston Children's Hospital
- Debi Willis, CEO and Founder, PatientLink

What innovations are at the forefront of healthcare? How can we better innovate to improve people's health? Find out what's at the nexus of policy and technology to achieve a value-based, transparent healthcare system.

2:45-3:15 Networking Break

3:15-4:05 Afternoon Breakout Sessions I

Provider Burden and EHR Use: Measurement Challenges and Opportunities

Russel-Hart-Cannon

Measuring clinicians' use of EHRs and identifying aspects of EHR use that contributes to clinician burden and burnout is critical to assessing whether efforts to decrease clinician burden are having a positive impact. EHR audit log data offers great opportunities (along with challenges) to characterize clinician EHR use and identify potential sources of burden. Dr. Michelle Hribar from Oregon Health & Science University, and member of the National Research Network, will share the Network's findings regarding these challenges and provide a set of recommendations for improving audit log data, as well as propose novel metrics that leverage audit log data to report on clinician EHR use. Genna Cohen and Llew Brown from Mathematica Policy Research describe key challenges associated with trying to develop national measures from EHR audit log data, and they will examine measures provided by EHR vendors to their clients to measure and improve potential sources of provider burden.

- Llew Brown, Mathematica Policy Research
- Genna Cohen, Mathematica Policy Research
- Michelle Hribar, Oregon Health & Science University
- Vaishali Patel, ONC

Using Population Level Services to Manage Patient Care

Grand Salon I

Population (also known as "bulk") data services enable the exchange of health data for large cohorts and populations of patients compared to current solutions that focus on single patients or small groups. Current and future uses of these population services include eliminating gaps in patient health records, public health, and data analytics. This session will focus on the technical development of population data services and APIs and how CMS is driving adoption and use of these services through the Data at the Point of Care pilot program.

- Amy Gleason, US Digital Service/Centers for Medicare and Medicaid
- Dan Gottlieb, Principal, Central Square Solutions
- Matt Rahn, ONC
- Avinash Shanbhag, ONC

Consent: Challenges, Opportunities, and Future Direction

Capitol Salon G

Consent management in the health care space is a growing need. As we look towards the future of health care, and how the use of health IT can support the system, we need to take a deeper look into the role that consent management plays. Other industries such as banking have taken steps to manage electronic consent. This session would facilitate a larger discussion of electronic consent management across different industries, how they've approached their challenges and developed solutions, and how we can apply these lessons learned within the health care industry.

- Rose-Marie Nsahlai, ONC (Moderator)
- Debbie Bucci, SME
- Doug Burke, Cognitive Medicine
- Daniel Chavez, SDHC
- Jonathan Coleman, SRS Security Solutions
- Jay Nakashima, eHealth Exchange

The Health and Medical App Marketplace

Capitol Salon D

The Apple and Google app stores host thousands of medical, health and fitness apps. EHR developers also host and market apps through their software platforms for administrative, clinical and patient use. In addition, the SMART organization and the CMS Blue Button program market apps that specifically use the FHIR standard to connect applications to medical record and clinical data systems. This session will present findings about the apps specifically marketed in the EHR developer app marketplaces, SMART gallery and Blue Button program to show the current state of the health care app economy. The presentation will feature data collected directly from these primary sources as well as data pulled from the Apple and Google app stores to show a wide look at the apps developed and deployed.

- Wes Barker, ONC (Moderator)
- Kevin Chaney, ONC
- Prashila Dullabh, MD, NORC
- Stephanie Fiore, ONC
- Christian Johnson, ONC

Women's Health Technology Coordinated Registry Network: An Interoperable Framework for Clinical Registries

Commerce

This session will present the successes of the Women's Health Technology Coordinated Registry Network (WHT-CRN) project with a focus on the development of the implementation guide and FDA plans to continue work that supports data collection using emerging health IT resources. Participants will learn how this project supports the delivery of high-value health care, improves linkages among registries to measure system effectiveness and improve clinical outcomes, and increase user and market confidence in the safety and safe use of health IT products, systems, and services.

- JaWanna Henry, ONC
- Stephanie Garcia, ONC
- Danica Marinac-Dabic, MD, PhD, Associate Director, Office of Clinical Evidence and Analysis, Center for Devices and Radiological Health, FDA

Health IT Strategies to Support Value-Based Payment Models

Grand Salon IV

At this session, attendees will learn about federal strategy for use of health IT within innovative payment models being tested by CMS. They will also hear from a diverse set of implementers in the field that are participating in these models, and how they have deployed health IT solutions to support the quality improvement, care coordination, and financial analysis needed to achieve success within the model.

- Alex Baker, ONC (Moderator)
- Tom Novak, Medicaid Interoperability Lead, ONC
- Tim Pletcher, Executive Director of the Michigan Health Information Network Shared Services (MiHIN)
- Additional CMS representatives invited

Supporting Innovation through the Evolution of Health IT "Business Standards," A Together. Health Security Assessment Template for Working with Startups

Capitol Salon F

The Together.Health Collaborative brings healthcare accelerators, incubators, and innovation programs together to share best practices, inform stakeholders, and leverage existing resources to fuel the creation and adoption of digital health innovation. This session will showcase their first project, the Together.Health Security Assessment (THSA), which aims to streamline a significant piece of the BAA process that often is to blame for major delays, legal and technical capital costs, and is inconsistent from one organization to another.

- Stephen Konya, Senior Innovation Strategist, ONC, and Government Co-Chair, Together.Health (Moderator)
- Nick Dougherty, Managing Director, Mass Challenge Health Tech Accelerator, and Founding Co-Chair, Together.Health
- Hayley Hovious, President, Nashville Health Care Council, and Executive Committee Member, Together.Health
- Adam Landman, MD, CIO, Brigham and Women's Hospital
- Christina Mazzone, Cyber Security Risk Officer, PTC

**Artificial Intelligence in Health IT -- The Good, The Bad, The Ugly:
A Joint Clinician Panel with the American Medical Association (Part 1)**

Capitol Salon E

Artificial Intelligence (AI) is often referred to as a 'black box' that engenders fear on the part of patients. In Part 1 of this joint clinician panel with the AMA, clinicians will discuss the current state of AI in health IT, focusing on examples where it's being used effectively and potential concerns.

- Andrew Gettinger, MD, Chief Clinical Officer, ONC (Moderator)
- Jesse M. Ehrenfeld, MD, MPH, Chair, Board of Trustees, American Medical Association
- Hassan A. Tetteh, MD, MBA, Health Mission Chief for Warfighter Health, Joint Artificial Intelligence Center (JAIC), Department of Defense (DoD)
- Danielle Whicher, PhD, MHS, Health Researcher, Mathematica

4:15-5:05 Afternoon Breakout Sessions II

Measuring the Uptake and Use of FHIR® to Advance Interoperability

Grand Salon I

This session will discuss ongoing ONC and partners' work to measure FHIR adoption and use. The incorporation of the FHIR standard into market leading EHRs creates opportunities for more flexible data exchange and secure connections between exchange partners, not least among these partners – health care app developers. This session will present data on the market reach of FHIR among EHR developers using CHPL data, how FHIR has been deployed in health care apps based upon the analysis of various app galleries, and plans of an upcoming survey being conducted by HL7 to better understand the adoption and use of FHIR. The use of these varied approaches will provide insights into how FHIR is positioned to enable an app economy that fosters greater interoperability.

- Wes Barker, ONC
- Vaishali Patel, ONC
- Adam Wong, ONC

**Blazing the Technical Pathway to Value-Based Care:
The Da Vinci Project and FAST Initiative**

Grand Salon IV

The HL7 Da Vinci Project is paving the way for increased data sharing between payers and providers by leveraging the FHIR standard, while the ONC's FHIR at Scale Taskforce (FAST) Initiative is tackling the infrastructure challenges necessary to enable FHIR solutions, like those being developed by Da Vinci, to be deployed at scale. Combined, these two collaborative industry efforts are improving accessibility and interoperability of key data that will be vital in the industry's transition to value-based care (VBC).

- Stephen Konya, Senior Innovation Strategist and FHIR at Scale Taskforce (FAST) Initiative Lead, ONC (Moderator)
- Bob Dieterle, CEO EnableCare & FAST Tiger Team Lead

- Jocelyn Keegan, Senior Health Information Technology Consultant, Point-of-Care-Partners & Project Manager, the HL7 Da Vinci Project
- Patrick Murta, Solution Architect Fellow, Humana & FAST Chief Architect
- Viet Nguyen MD, Clinical Informaticist, Stratametrics LLC & Technical Director & HL7 Da Vinci Project

Life after EHR Implementation:

Promoting Transparency and Driving Market Improvements

Commerce

Discuss the progress to date of the EHR reporting program, including stakeholder outreach results and draft reporting criteria, as well as approaches to EHR reporting criteria data collection.

- Gary Ozanich, Senior Consultant, HealthTech Solutions
- Christal Ramos, Senior Research Associate, Urban Institute

Health IT and Emergency Preparedness

Russel-Hart-Cannon

There are three primary use cases emerging for health information to assist in disaster preparedness and response—first responders and healthcare volunteers’ access to health information, family reunification, and identification of vulnerable populations. The speakers will discuss each of these use cases and share tools and resources.

- Rachel Abbey, ONC
- Scott Afzal, Audacious Inquiry
- Debbie Condrey, The Sequoia Project
- Kristen Finne, HHS, Assistant Secretary for Preparedness and Response

Using Standards to Advance e-Referrals and Improve Patient Care

Capitol Salon G

This session will highlight two different-yet-aligned standards development efforts underway to advance standards for referrals, including work within the 360X project community for closed loop referrals, and work in HL7 on the FHIR-based Bi-directional Services eReferral (BSeR) supporting public health chronic conditions referrals. The 360X project will provide updates on the 360x closed loop referral specification, emerging work toward supporting skilled nursing facility transfers, and an upcoming pilot project with the CMS Electronic Medical Documentation Interoperability (EMDI) program. BSeR representatives will share the latest updates, including alignment with 360X referral statuses and use of FHIR for e-referral.

- Brett Andriesen, Standards Advisory Lead, ONC
- Liz Palena Hall, LTPAC Coordinator, ONC
- John Loonsk, M.D., Consulting CMIO Association of Public Health Laboratories and Adjunct Associate Professor, Johns Hopkins University
- Holly Miller, MD, MBA, FHIMSS, Chief Medical Officer, MedAllies
- Vassil Peytchev, Lead Technical Adviser, Epic
- Ray Wilkerson, CMS EMDI Sr. Business Analyst, Scope Infotech, Inc.

Electronic Quality Measurement: Reducing the Burden

Capitol Salon D

CMS staff will provide an overview of their eCQM Strategy project, the Electronic Clinical Quality Improvement Resource Center, and the Measure Collaborative Workspace. They will demonstrate the use of Fast Healthcare Interoperability Resources® (FHIR) and Quality Improvement Core Framework (QI-Core) for clinical quality measure development, as well as FHIR application programming interfaces (API) to generate an eCQM report.

- Rose Almonte, MITRE
- Edna Boone, MITRE
- Floyd Eisenberg, iParsimony
- Michael Holck
- Debbie Krauss, CCSQ
- Sam Sayer, MITRE

Artificial Intelligence in Health IT -- The Good, The Bad, The Ugly: A Joint Clinician Panel with the American Medical Association (Part 2)

Capitol Salon E

Artificial Intelligence (AI) is often referred to as a ‘black box’ that engenders fear on the part of patients. In Part 2 of this joint clinician panel with the AMA, clinicians will discuss the ‘Bad and the Ugly’ of AI systems, e.g., risks and biases that can magnify and create wide-scale inequity and health disparities. The panel will examine what a future state of AI in health IT looks like, including the potential role of the federal government, standards, and key privacy and security considerations.

- Andrew Gettinger, MD, Chief Clinical Officer, ONC (Moderator)
- Jesse M. Ehrenfeld, MD, MPH, Chair, Board of Trustees, American Medical Association
- A. Zach Hettinger, MD, MS, FACEP, FAMIA, Director of Cognitive Informatics
MedStar National Center for Human Factors in Healthcare
- Sonoo Thadaney Israni, MBA, Executive Director, Stanford Presence Center, School of
Medicine, Stanford University

Afternoon Brown Bag: Data Tagging and Segmentation for Privacy – An Attendee Stakeholder Open Discussion with Remarks Offered by Dr. Hannah Galvin Capitol Salon F

This brown bag discussion is open to all stakeholders interested in discussing activities and opportunities for tagging and segmenting data to protect privacy and promote interoperability. Please join the brown bag to learn more about the topic and relevant stakeholder led efforts.

- Hannah K. Galvin, MD, FAAP, ABPM-CI, Medical Director of Informatics, Lahey Health,
Assistant Professor of Medicine, Tufts University School of Medicine

TUESDAY, JANUARY 28

7:30-8:30 Registration – Grand Foyer

8:30-9:30 Morning Breakout Sessions I

Measuring How Various “Flavors” of Health Information Networks Enable Interoperability

Capitol Salon E

This session will highlight how various types of networks measure how they are enabling exchange and interoperability. ONC will present hospital participation and use of various types of networks to facilitate exchange using the American Hospital Association IT survey. David Kendrick, founder and CEO of MyHealth Access Network, and Scott Stuewe, president and CEO of DirectTrust, will both share how their organizations measure progress, and the challenges associated with measurement based upon their respective exchange models. Additionally, Dr. Kendrick will also share how HIOs collectively have been enabling exchange based on Strategic Health Information Exchange Collaborative (SHIEC) member survey results. Discussion will include how measurement of exchange and interoperability through the various types of networks could evolve over time to incorporate usage and impacts of exchange

- David Kendrick, MD, MPH, FACP, Founder and CEO of MyHealth Access Network, Inc.
- Vaishali Patel, ONC
- Scott Stuewe, President and CEO of DirectTrust

HHS and Related Efforts to Advance Social Determinants of Health Interoperability

Grand Salon I

The ability to capture, use, and exchange many aspects of electronic health information has greatly advanced with the increased adoption of health IT. The availability of interoperable social determinants of health (SDOH) data, however, remains limited across much of healthcare. HHS agencies support the development and use of SDOH data, increasingly through the use of health IT. ONC works to advance the use of health IT enabled SDOH data through its certification program, available standards, and active policy coordination.

- Genny Luensman, CDC
- Samantha Mekler, ONC
- Alicia Morton, ONC
- Sandeep Patel, HHS Office of the Chief Technology Officer
- Michelle Proser, National Association of Community Health Centers
- Julia Skapik, National Association of Community Health Centers
- Eileen Story, CDC
- Al Taylor, ONC

Leveraging Technology to Address the Opioid Epidemic

Grand Salon IV

This session will talk about successes and challenges leveraging technology for interventions in treating and preventing substance use disorders, serious persistent mental illness (SPMI), or neonatal abstinence syndrome. We will discuss state efforts implementing substance use disorders/opioid use disorder health IT plans that are included as part of Medicaid 1115(a) demonstration waivers. Examples of topics covered include prescription drug monitoring program interoperability, the role of electronic prescriptions for controlled substances, provider directors, consent, and data analytics and dashboards. The session will then discuss the requirements for state health IT plans required in section 1115(a) Medicaid

demonstrations addressing SPMI/serious emotional disturbance. Health information exchange and interoperability considerations addressing behavioral health-physical health integration, care plan sharing, care plan coordination, provider directory, and identity management will be explored in this session.

- Erin Holve, Director, Health Care Reform and Innovation Admin, Department of Health Care Finance
- Arun Natarajan, Senior Policy Analyst, ONC
- Tom Novak, Medicaid Interoperability Lead, ONC

Maximizing the Use of Prescription Drug Monitoring Programs (PDMPs)

Capitol Salon D

This session will provide an overview of the CDC's partnership with states and promising state strategies to help prevent prescription drug overdose. This session will also outline ONC and CDC's collaboration project to advance EHR and PDMP integration, as well as highlight findings from ONC's state PDMP policy analysis.

- Emily Mitchell, Senior Manager, Accenture Federal Services
- Jamie Parker, Director of Health IT Programs, Carradora
- Wesley Sargent, EdD, MA, Health Scientist, Centers for Disease Control and Prevention

FHIR®: Advancing Interoperability Standards in the API Economy

Russel-Hart-Cannon

Healthcare is looking to FHIR, the next-generation standards framework by HL7, to help usher in a new age of interoperability. FHIR has the potential to both support new innovative, data driven applications while also enabling interoperability between legacy healthcare systems. In support of nationwide interoperability goals, ONC has recently signed a cooperative agreement with IHE USA to accelerate the adoption of the FHIR specification and advance standardization through profiling and real-world testing. This agreement will strengthen collaborative efforts between IHE and HL7 and drive the development of new and updated IHE technical profiles to support the adoption of FHIR® and the healthcare API economy. Join a moderated dialogue between subject matter experts from ONC, IHE, HL7, and others about how this collaborative project will impact real-world applications and the future interoperability landscape.

- Dan Chaput, MM; IT Specialist; ONC
- Didi Davis; VP, Informatics, Conformance & Interoperability; The Sequoia Project®
- Evelyn Gallego; MBA, MPH, CPHIMS; Founder and CEO; EMI Advisors LLC
- John Moehrke; Healthcare Informatics Standards - Interoperability, Privacy, and Security Architect; By Light Professional IT Services
- Steven Posnack, M.S., M.H.S; Deputy National Coordinator; ONC

Advancing API and FHIR in Health IT: Key Industry Efforts to Spread API and FHIR Adoption Through a Collaborative Approach

Capitol Salon F

Collaborative efforts are coming together to leverage the power of APIs, and the HL7 FHIR standard is taking the industry one step closer to improved digital data access and exchange. Carequality, Argonaut, and Da Vinci individually are working towards proposing approaches to address the future of digital data access and exchange for specific domains with the goals of reducing provider and administrative burden with health IT, and empowering the patient. Meanwhile, the FAST initiative is working to confront the infrastructural challenges holding back the deployment and adoption of these individual solutions at scale.

- Jocelyn Keegan, Senior Health Information Technology Consultant, Point-of-Care-Partners & Project Manager, the HL7 Da Vinci Project (Moderator)
- Dave Cassel, Executive Director, Carequality
- Patrick Murta, Solution Architect Fellow, Humana & FAST Chief Architect

- Viet Nguyen MD, Clinical Informaticist, Stratametrics LLC & Technical Director & HL7 Da Vinci Project
- Paul Oates, Senior Enterprise Architect and Lead for the IT M&A Practice & FAST Chief Architect
- Miki Tripathi, President and CEO of the Massachusetts eHealth Collaborative (MAeHC) & Project Manager of the Argonaut Project

State of Interoperability, Barriers, and Benefits

Capitol Salon G

As ONC begins implementing key provisions of the 21st Century Cures Act, it is important to understand the benefits of interoperable health information exchange. This session will discuss recent research that quantified benefits of interoperability for hospitals and patients. The session features three presentations. The first project quantifies effects of interoperability on hospital productivity. The second examines whether a requirement to electronically prescribe controlled substances (EPCS) impacted prescriptions of opioids in NY, and it discusses the implications of EPCS for other states. The final presentation will discuss how the use of interoperable information could improve patients' outcomes.

- Yuriy Pylypchuk, Health Economist, ONC
- Joshua Vest, Associate Professor, Director for the Center for Health Policy, Richard M. Fairbanks School of Public Health, Indiana University - Purdue University Indianapolis
- Daniel Walker, Assistant Professor, The Center for the Advancement of Team Science, Analytics, and Systems Thinking, Department of Family Medicine, College of Medicine, Ohio State University

9:30-10:00 Networking Break

10:00-11:30 Morning Plenary Sessions

10:00-10:30 Welcome and Morning Keynote

Don Rucker, MD, National Coordinator for Health IT

10:30-11:30 Balancing Patient Privacy with Data Access: Lessons from the Field

- Kathryn Marchesini, Chief Privacy Officer, ONC (Moderator)
- Grace Cordovano, PhD, BCPA, Board-Certified Patient Advocate & Founder of Enlightening Results
- Cynthia Fisher, Founder, Chairman, PatientRightsAdvocate.org; Founder and Former CEO, ViaCord, Inc.
- Deven McGraw, Chief Regulatory Officer, Ciitizen
- Morgan Reed, President, The App Association

The use of secure, standards-based APIs will create new, exciting opportunities for patients and providers alike to share their data to improve their health. On this International #DataPrivacyDay, join a group of technologists, privacy experts, and patients for a robust discussion on balancing privacy with the expanding flow of health information.

11:40-12:30 Morning Breakout Sessions II

Leading Edge Acceleration Projects in Health IT Programs

Capitol Salon G

In 2018, ONC published the Leading Edge Acceleration Projects (LEAP) in Health IT funding opportunity to further a new generation of health IT development and inform the innovative implementation and refinement of standards, methods, and techniques for overcoming major barriers and challenges in the field. This panel presents in detail the focus of LEAP and the ongoing work of the four currently funded projects; two from FY18 and two from FY19. Key aspects of these projects focus on reducing provider and health system burden of utilizing health IT, while incorporating data access and use via an API for innovative purposes. Panelists will leave time for discussion around the development, implementation, and use of their respective solution, as well as early legal and policy implications. This panel aims to stimulate a highly interactive discussion and strengthen the community's knowledge of innovative uses of health IT, barriers and solutions for use, and areas ripe for future work.

- Kevin Chaney, ONC (Moderator)
- Daniel Chavez, SDHC
- Anjum Khursid, UT Austin
- Kenneth Mandl, BCH
- Kristin Miller, MedStar

Developing a Blueprint for Electronic Clinical Quality Measure Reporting

Capitol Salon D

As healthcare costs continue to rise and the health status of Americans continues to languish, new approaches to healthcare delivery and payment are being sought. With the recognition that what cannot be measured cannot be fixed, focus must be placed on establishing a highly functional, methodologically sound, minimally burdensome, and broadly trusted system of measuring quality and outcomes in healthcare. NCQA has assembled a set of core principles for quality measurement, to be considered when choosing existing or creating new measures, when developing programs for payment and improvement, and for measuring our progress as a nation as we seek to implement a better framework for measurement.

- Michael Barr, NCQA
- Mary Barton, NCQA
- Paul Cotton, NCQA
- Ben Hamlin, NCQA
- Frank Micciche, NCQA
- Rick Moore, NCQA

FHIR® Testing with Inferno

Capitol Salon E

Review the latest updates to ONC's FHIR testing sandbox, Inferno. The session provides a review of the Inferno Program Edition (PE); however, putting more focus on the latest updates to the Inferno Community Edition (CE).

- Glenn Janzen, ONC
- Rob Scanlon, Mitre

Assistive Technology Leadership Expert Panel: Where Are We and Where Are We Going?

Capitol Salon F

This session will discuss the role that assistive technology can play in lives of older adults, individuals with disabilities and their caregivers. Assistive technology is capturing health information, and it needs to be interoperable with the rest of the health IT ecosystem. This session will review the following four goals:

- Identifying ways to increase access and awareness of assistive technology
- Interoperability considerations for data being captured by assistive technology and its use throughout the health IT ecosystem, including in EHRs and for clinical decision support

- Federal approaches to develop a consolidated directory of assistive technology that individuals can access. This directory will provide supports and services needed for activities of daily living (ADLs) and independent activities of daily living (IADLs)
- Look at the current state of assistive technology and where assistive technology is going over the next 10 years from neocortical implants, to biometric devices, and robotics
 - Lori Gerhard, Director, Integrated Programs, HHS, Administration for Community Living
 - Robert Groenendaal, Management and Program Analyst, HHS, Administration for Community Living
 - Dean Halstead, Director, Collaboration, Cloud and Accessibility, Microsoft
 - Kelly Cronin, Deputy Administrator for Integrated Programs, HHS, Administration for Community Living
 - Kendra Price, Google

The New Roaring 20's: Discussing the Federal Role in Advancing Health IT

Grand Salon I

Please join us as select federal partners spotlight factors influencing the development of the Federal Health IT Strategic Plan and highlight key initiatives underway to advance interoperability and modernize our nation's healthcare system. Our panelists will discuss the government's vision around using health information and technology to promote health and wellness, improve care delivery, and accelerate research developments.

- Teresa Zayas Cabán, PhD, Chief Scientist, ONC; Coordinator, Fast Healthcare Interoperability Resources (FHIR) Acceleration, National Institutes of Health (NIH), National Library of Medicine (NLM)
- Kevin Larsen, MD, FACP, Director of the Continuous Improvement and Strategic Planning, Centers for Medicare and Medicaid Services (CMS)
- Steven Posnack, M.S., M.H.S; Deputy National Coordinator; ONC
- Matt Quinn, MBA, Senior Advisor, Health Technology, Health Resources and Services Administration (HRSA)

Prior Authorization: A Public and Private Sector Update

Grand Salon IV

Prior authorization continues to be a source of tremendous burden for the medical profession, frustrating doctors and moving patient care away from the center. This session will examine public and private sector efforts in 2019 to solve this vexing problem, starting with looking at the current prior authorization landscape focusing on the current challenges and solutions. Standards development organizations (SDOs) and other industry experts will provide updates on the latest work to automate prior authorization leveraging modern standards to support the clinical workflow. The session will include an update on prior authorization use cases from HL7's Da Vinci Project. Lastly, presenters will discuss next steps and solutions to the prior authorization problem.

- Thomas A. Mason, MD (Moderator), Chief Medical Officer, ONC
- Alex M. Mugge, Deputy Chief Health Informatics Officer, Centers for Medicare and Medicaid Services
- Kate Berry, Senior Vice President, Clinical Affairs and Strategic Partnerships, America's Health Insurance Plans
- Jocelyn Keegan, Senior Consultant, Point of Care Partners
- Miranda Gill, MSN, NEABC, RN, Senior Director, Provider Services and Operations, CoverMyMeds

Clinical Response through Emerging Technologies (CRET)— Using Health Information Technology to Respond to Public Health Hazards

Russel-Hart-Cannon

The Clinical Response through Emerging Technology (CRET) is a U.S. Department of Health and Human Services (HHS) initiative created to improve the clinician's response to emerging public health hazards using existing electronic health records (EHRs) and other information technology (IT) tools and infrastructure. CRET's goal is to provide clinicians with near-real-time updates to information and best practices to improve their medical response to a broad range of natural and manmade hazards. This presentation will build upon previous CRET work and share examples of how it can be used. It will also engage the audience, using smart phone technology, to generate broad stakeholder input on topics such as, but not limited to: capturing risk exposure; accessing existing data to assess a patient's risk—without additional clinician burden; and evaluating the level of detail a local clinical site needs to implement CRET.

- Rachel Abbey, ONC
- Dan Chaput, MM; IT Specialist; ONC
- James Daniel, HHS, Office of the Chief Technology Officer
- Floyd Eisenberg, iParsimony
- Kristen Honey, HHS, Office of the Chief Technology Officer
- Bryant Karras, Washington Department of Health

12:30-1:45 Lunch

A list of area restaurants is available in the registration area; please ask event staff for assistance.

1:45-3:30 Afternoon Plenary Sessions

1:45-2:45 Merging Clinical and Financial Standards: The Shift to Value and Transparency

In our everyday lives we make purchase decisions based on price and product or service. Yet in healthcare, financial and clinical data remain disconnected. Hear from policy and tech experts to discuss the ways that modern technology and the FHIR® standards can solve this challenge.

- Jim Parker, Senior Advisor to the Secretary for Health Reform, HHS (Moderator)
- Stephen T. Parente, Ph.D., Minnesota Insurance Industry Chair of Health Finance and Professor, University of Minnesota; Senior Economist, Council of Economic Advisers, The White House
- Anita Samarth, CEO, Clinovations GovHealth
- William W. Stead, MD, Chair, National Committee of Vital and Health Statistics and Chief Strategy Officer & McKesson Foundation Professor of Biomedical Informatics & Medicine, Vanderbilt University Medical Center

2:45-3:30 Congressional Roundtable: Perspectives from Capitol Hill

Hear from a bi-partisan panel of congressional staff who work on healthcare and health IT issues daily, including the landmark 21st Century Cures Act.

- Traci Vitek, Deputy Assistant Secretary for Legislation, Human Services, HHS (Moderator)
- Colin Goldfinch, Senate HELP Committee
- James Paluskiewicz, House Energy and Commerce Committee
- Samantha Satchell, House Energy and Commerce Committee

- Aliza Silver, Senate HELP Committee

3:30 Meeting Closes