



# 36th Annual Conference #NAHDO2021

September 28-30, 2021

Pre-Conference Events: September 2-24, 2021

## FULL CONFERENCE PROGRAM

All times are Eastern Daylight Time. Session dates and times are subject to change

### Pre-Conference Events

#### Igniter Sessions (Sponsored by Milliman MedInsight)

##### September 2, 2021, 2:00 PM - 2:20 PM

From Street Address to Geolocation: Building Claims Data Infrastructure to Address Health Inequity	Presenters	Affiliations
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##### September 9, 2021, 2:00 PM - 2:20 PM

Hospitals and Homelessness: Creating a Reliable Indicator of Homelessness Using Kentucky's Health Facilities & Services Data	Matthew Walton Allison Lile	Kentucky Cabinet for Health and Family Services Kentucky Cabinet for Health and Family Services
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##### September 16, 2021, 2:00 PM - 2:20 PM

Surprise Billing: Colorado Lessons Learned Related to Out of Network Data	Julia Tremaroli	Center for Improving Value in Health Care
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##### September 23, 2021, 2:00 PM - 2:35 PM

Children's Use of Telehealth Services in Maine	Kimberley Fox MPA Yvonne Jonk, PhD	University of Southern Maine University of Southern Maine
Expanding Telehealth Adoption in Ambulatory Practices – A COVID-19 Telehealth Program	Melanie Cavaliere	Maryland Health Care Commission

### September 24, 2021

#### Forum on Preserving Secure and Sustainable Access to Healthcare Data

##### 12:30 PM - 1:30 PM

News from State APCDs, Moderator: Tanya Bernstein, Organizer: Tanya Bernstein, Freedman HealthCare, Sponsored by IBM Watson Health

1. Georgia's APCD: Background and Opportunities	Megan Denham Samantha Lie-Tjauw	Georgia Tech Research Institute Georgia Tech Research Institute
2. Learning from Early Experience in California: Building the Nation's Largest APCD	Jill Yegian PhD Michael Valle	OSHPD and Yegian Health Insights Deputy Director and Chief Information Officer, OSHPD
3. Modernizing Access to Maryland's APCD	Mahlet "Mahi" Konjit-Solomon	Maryland Health Care Commission

##### 1:45 PM - 2:45 PM

Serving the Public's Data Needs while Protecting the Public's Privacy Needs, Moderator: Caprice Edwards, Organizer: Caprice Edwards, NAPHSIS, Sponsored by IBM Watson Health

Panel Discussion	Caprice Edwards Devon Priddle Sam Chick Karl Fernstrom MPH Lorie Geryk PhD	NAPHSIS Bureau of Vital Statistics, Ohio Department of Health Onpoint Health Data Minnesota Department of Health Washington State Health Care Authority (HCA)
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##### 3:00 PM - 4:00 PM

Analytics to Increase Revenue Streams and Opportunity, Moderator: Kenley Money, Organizer: Kenley Money, ACHI, Sponsored by IBM Watson Health

1. Planning for Project ECHO® in New Hampshire: A multi-faceted approach using claims analysis with survey and stakeholder research	Erica Plante MS Kelsi West	The Institute for Health Policy and Practice at UNH The Institute for Health Policy and Practice at UNH
2. Please Pardon our Appearance: Data Renovations are Underway!	Kate O'Neill MPH Jessica Mendizabal	Green Mountain Care Board, State of Vermont Green Mountain Care Board, State of Vermont
3. Putting Health Data to Work to Support Healthcare Innovation	Mitesh Rao MD Dana Richardson	OMNY Health WHIO

## Symposium on Using Data to Address Healthcare Inequities and Their Causes

12:30 PM - 1:30 PM

**Measuring Variations in Health Utilization, Moderator: Nick Faulkner, Comagine Health, Organizer: Meghan Haggard, Comagine Health**

1. <i>Challenges and Opportunities in Sharing Sub-County Hospital Discharge Data</i>	Jennifer Howley Jessica Sagona	New Hampshire Environmental Public Health Tracking New Hampshire Environmental Public Health Tracking
2. <i>From the Clinic to the Community: Can 'Big Data' from Routine Health Care Estimate Population Obesity Prevalence?</i>	Stephen Mooney	University of Washington
3. <i>Measuring Data Variation to Maximize Value</i>	Sandeep Wadhwa MD MBA	3M

1:45 PM - 2:45 PM

**Race and Ethnicity in Health Data, Organizer: Amy Clary, Oregon Health Authority, Sponsored by California Health Care Foundation**

1. <i>Unlocking Race and Ethnicity Data to Promote Health Equity</i>	Kevin McAvey Alisha Reginal	Manatt Health Manatt Health
2. <i>Enhancing Race and Ethnicity Using the Bayesian Imputation in an All Payer Claims Database</i>	Sanae El Ibrahim	Comagine Health
3. <i>Using HSCRC Case Mix Race Data in the Reporting of Health Disparities</i>	Andrea Zumbrum Claudine Williams	Center for Population Based Methodologies Maryland Cost Review Commission

3:00 PM - 4:00 PM

**Social Determinants of Health in Health Data, Moderator: Starla Ledbetter, Organizer: Starla Ledbetter, OSHPD, Sponsored by Comagine Health**

1. <i>Community Connector: The AHRQ Social Determinants of Health Data Visualization Challenge Winner</i>	Margaret Luo Kelsey Skvoretz	Mathematica Mathematica
2. <i>Exploring Social Determinants of Health through Administrative Claims and Large Healthcare Data</i>	Wyatt Bensken Martin Kosla	Case Western Reserve University Michigan Data Collaborative
3. <i>Social Determinants of Health during COVID-19 Pandemic</i>	Alyssa Harris Ernie Shippey	Vizient, Inc. Vizient, Inc.

4:00 PM - 4:30 PM

**[Networking] Spotlight Series Presentations - Meet the Experts**

## Spotlight Series Presentations

Available on-demand before, during and after the conference

<i>Alabama's Centralized Data Repository for Abused Substances</i>	Christopher Sellers Matthew Hudnall	Alabama Department of Mental Health University of Alabama
<i>Drivers of Health Status Disparities: An Examination of Variation Using Population-Based Surveys, Sponsored by: Stern Consulting</i>	Brian Williams David M.C. Stern Janine Molino	Stern Consulting LLC Stern Consulting LLC Brown University
<i>Expanding the Utility of Health Information Exchange during COVID-19 and Beyond</i>	Nikki Majewski Craig Behm	Maryland Health Care Commission Chesapeake Regional Information System for our Patients
<i>Timeliness and Accessibility: Developing an Interactive Dashboard for Quarterly Updates on the Massachusetts Acute Care Hospital Inpatient Discharge Data</i>	Christine Loveridge Brian Beaman	Massachusetts Center for Health Information and Analysis Massachusetts Center for Health Information and Analysis

## Main Conference Sessions

September 28, 2021

11:00 AM - 11:30 AM

**[Networking] Spotlight Series Presentations - Meet the Experts**

11:30 AM - 11:40 AM

**Opening Remarks and Welcome, Organizer: Norm Thurston, NAHDO**

Norm Thurston PhD  
NAHDO, Executive Director

11:40 AM - 12:40 PM

**Opening Plenary - Did COVID expose a health IT failure, shortfall, or was it an accelerant to health data optimization?, Organizer: Pat Merryweather-Arges, Project Patient Care, Sponsored by Onpoint Health Data (Jenn Toms)**

<i>Panel Discussion</i>	Patricia Merryweather-Arges Helen Figge Mary Beth Conroy MPH Josh Klemm Niall Brennan Craig Brammer Claire Cravero	Project Patient Care MedicaSoft/MCPHS University New York State Department of Health New York State Department of Health Health Care Cost Institute The Health Collaborative Datavant
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12:50 PM - 1:50 PM

**Health Databases to Track the Early Impacts and Needs Related to COVID-19, Moderator: Chris Krawczyk, Organizer: Chris Krawczyk, OSHPD**

1. <i>Confronting a Pandemic: Using National Claims Data to Trace the Arc of COVID-19 and Offer Actionable Insights</i>	Robin Gelburd JD	FAIR Health
2. <i>Integrating EMS and HIE data for COVID-19 response.</i>	Andrew Naumann	Maryland Institute for Emergency Medical Services Systems

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3. <i>Not All Hospital Care is Created Equal: A Comparative Analysis of ICU and Non-ICU COVID-19 Hospitalizations in Mississippi</i>	Manuela Staneva MPH	Mississippi State Department of Health
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**Primary Care and Networks, Moderator: Karl Finison, Organizer: Joanna Duncan, Onpoint**

1. <i>Primary Care Spending in Maryland</i>	Ose Emasealu MD MPH	Maryland Health Care Commission
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2. <i>Investing in Primary Care Through Alternative Payment Models, Year 2 lessons learned</i>	Maria de Jesus Diaz Perez Julia Tremaroli Tara Smith	Center for Improving Value in Health Care Center for Improving Value in Health Care Division of Insurance, State of Colorado
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3. <i>Comparing the Performance of Integrated vs. Informal Provider Networks in the California Market</i>	Dolores Yanagihara MPH Jennifer Dodge MPP	Integrated Healthcare Association (IHA) Onpoint Health Data
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**1:50 PM - 2:10 PM**

**Sponsor Break - Visit Our Sponsor Booths**

**2:10 PM - 3:10 PM**

**Data Standardization and Tracking During the Peak of COVID-19 and Beyond, Moderator: Angela Werner, Organizer: Melissa Hillmyer, HSRI, Sponsored by 4medica**

1. <i>COVID-19 Surveillance: State Trends and Deviations from the National Case Definition</i>	Preetam Cholli MD	Vanderbilt University Medical Center
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2. <i>Efforts to the Standardization and Uniformity of Administration Data from CDC Environmental Health Tracking Program</i>	Meekie Shin Mary P. Dinsdale	CDC Environmental Public Health Tracking Program Public Health Division, Environmental Public Health, Oregon
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3. <i>Lessons from Using Raw Data from the All Payer Claims Database for Tracking Healthcare Utilization During the Pandemic</i>	Sterling Petersen	Utah Department of Health
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**The Next Evolution of Healthcare Cost Growth Benchmarking Models, Organizer: Kevin McAvey, Manatt, Sponsored by Peterson Center on Healthcare**

Panel Discussion	Kevin McAvey Joel Ario Jeremy Vandehey Vicki Veltri David Auerbach	Manatt Health Manatt Health Oregon Health Authority Connecticut Office of Health Strategy Massachusetts Health Policy Commission
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**3:20 PM - 4:20 PM**

**Health Databases and COVID-19: Adapting the Data, Responding to Trends, Moderator: Chris Krawczyk, Organizer: Chris Krawczyk, OSHPD**

1. <i>A Methodology to Identify and Analyze Hospitalizations with Behavioral Health Comorbidities- Preliminary Findings from the COVID-19 Pandemic</i>	Christine Loveridge Brian Beaman	Massachusetts Center for Health Information and Analysis Massachusetts Center for Health Information and Analysis
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2. <i>Telehealth Services Analysis under COVID-19</i>	Katie Oberg	Center for Improving Value in Health Care
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3. <i>Cancer Screening Trends during COVID-19 Pandemic and Return to Normal Provider Patterns</i>	Ernie Shippey Sam Hohmann	Vizient, Inc Vizient, Inc.
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**Innovations in Overcoming Technical Challenges to Meet Stakeholder Needs, Organizer: Julia Tremaroli, CIVHC**

1. <i>An Overview of the Environmental Public Health Tracking Program's Sub-county Efforts</i>	Angela Werner	CDC Environmental Public Health Tracking Program
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2. <i>Flattening the Curve: How Robust COVID-19 Hospital Admission Data Informed Policy</i>	Mary Beth Conroy MPH David Williams	New York State Department of Health New York State Department of Health
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3. <i>Using All-Payer Claims Databases to Improve Physician Workforce Studies</i>	Priya Shanmugam	Mathematica Policy Research
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4. <i>Using Healthcare Claims Data (HCCD) For Analytics Success</i>	Terri Lynn Palmer Mike O'Neill	Delaware Health Information Exchange Health 2.0 Boston/MedicaSoft
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**4:30 PM - 5:30 PM**

**Opening Day Keynote & NAHDO Awards, Moderator: Kevin McAvey, Organizer: Craig Schneider & Kevin McAvey, Sponsored by HSRI**

Keynote Address: <i>Connecting Data with Policy</i>	Jay Want	Peterson Center on Healthcare
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NAHDO Awards

Elliot M. Stone Award	Sponsor:	Arkansas Center for Health Information
Innovation in Data Dissemination Award	Sponsor:	MedicaSoft
NAHDO Data Pioneer		

**5:30 PM - 6:30 PM**

**[Networking] Virtual Mocktail Hour. Meet new friends and learn a new recipe.**

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**September 29, 2021**

**11:00 AM - 11:30 AM**

**[Networking] Rise and Shine: Join us for Morning Stretch, Meditation, or Office Yoga**

**11:30 AM - 11:40 AM**

**Opening Remarks and Welcome, Organizer: Norm Thurston, NAHDO**

Norm Thurston PhD	NAHDO, Executive Director
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**11:40 AM - 12:40 PM**

**Daily Plenary: The Value of Data for Improving the Value of Care (NASHP Crossover Session), Organizer: Jo Porter, UNH IHPP, Sponsored by Peterson Center on Healthcare**

1. <i>Multigroup Partnership Leads the Way in Improving Cardiac Rehabilitation Use in Michigan</i>	Jessica Yaser Michael Thompson	University of Michigan, Michigan Value Collaborative University of Michigan
2. <i>Using APCDs to Analyze Cost Drivers and Equity: Inpatient and ED Spending and Utilization in Connecticut</i>	KeriAnn Wells Marian V. Wrobel	Mathematica Mathematica
3. <i>Virginia's Emergency Department Care Coordination Program (EDCC): A Blueprint for Reducing Super Utilization of the ED by 33%</i>	Kyle Russell	Virginia Health Information

## 12:50 PM - 1:50 PM

### Data Standardization, Organizer: Kyle Russell, VHI

1. <i>Recognizing the True Investment in Primary Care: Adapting Total Cost Methodologies to Address Changes in Healthcare Payment Models by Including Both Value-Based &amp; Non-Claims Payments</i>	Katie McGraves-Lloyd MS Sarah Lindberg MS	Onpoint Health Data Green Mountain Care Board, State of Vermont
2. <i>The Path to Building a Provider Database that Meets Users' Needs</i>	Leanne Candura Melissa Hillmyer	Human Services Research Institute Human Services Research Institute
3. <i>Untangling the Mess of Claims Versioning: Lessons Learned from the Colorado APCD</i>	Julia Tremaroli Katie Howard MPH	Center for Improving Value in Health Care Human Services Research Institute

### Killing fee-for-service to save rural health, Moderator: Şule Gerovich, Organizer: Şule Gerovich, Mathematica

<i>Panel Discussion</i>	Şule Gerovich Janice Walters Gary Zegiestowsky James Pettinato Douglas Doyle	Mathematica Rural Health Redesign Center Authority Pennsylvania Rural Health Model Wayne Memorial Hospital Gateway Health
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## 1:50 PM - 2:10 PM

### Sponsor Break - Visit Our Sponsor Booths

## 2:10 PM - 3:10 PM

### Facilitating the COVID Pandemic Response with Healthcare Data, Moderator: Helen Figge, Organizer: Helen Figge, MedicaSoft

1. <i>Identifying High Risk Populations for COVID-19 Vaccine Distribution</i>	Anuj B Mehta MD	Denver Health and Hospital Authority, National Jewish Health, University of Colorado
2. <i>Public Health Opportunity: Using New Technology ICD-10 PCS Codes to Track Therapy and Outcomes of Administration of Remdesivir and Convalescent Plasma in COVID-19 Patients</i>	Sam Hohmann	Vizient, Inc.
3. <i>Using The All Payer Claims Database to Aid Key Stakeholders with Vaccine Rollout</i>	Brantley Scott	Utah Department of Health

### Using Linked Health Data Sets for Population Health Science (Joint with IAPHS), Moderator: Sara Hallvik, Organizer: Sara Hallvik, Comagine Health, Sponsored by Stern Consulting

1. <i>Using Linked Electronic Health Records for Children's Health Disparities Research</i>	Félice Lê-Scherban	Drexel University
2. <i>Variation in COVID-19 Mortality and Hospitalizations in Rural and Urban Communities.</i>	Ernie Shippey Gladys Epting	Vizient, Inc. Vizient, Inc.
3. <i>Understanding Disparities in Hypertension: Multiple Data Sources and the Promise of Data Integration</i>	Megan Todd	Philadelphia Department of Public Health

## 3:20 PM - 4:20 PM

### Data Linkage, Moderator: Kenley Money, Organizer: Kenley Money, ACHI, Sponsored by Onpoint Health Data

1. <i>Enhancing Health Data at the U.S. Census Bureau: The Case of Utah's Emergency Department Encounter Data</i>	Victoria Udalova	U.S. Census Bureau
2. <i>Oregon APAC-Death Certificate Linked Data</i>	Mary Ann Evans PhD MPH MS	Oregon Health Authority
3. <i>Using Linked All Payer Claims Data to Evaluate a Primary Care Intervention Addressing the Opioid Crisis</i>	Michelle Hendricks	Comagine Health

### State Investments in Primary Care: Current State & Future Options, Moderator: Jenn Toms, Organizer: Sonita Hav, Onpoint, Sponsored by California Health Care Foundation

<i>Panel Discussion</i>	Richard Slusky MBA FACHE Karl Finison MA Dolores Yanagihara MPH Rachel Block	New England States Consortium Systems (NESCSO) Onpoint Health Data Integrated Healthcare Association (IHA) Milbank Memorial Fund
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## 4:30 PM - 5:30 PM

### Special Plenary Event - Late Breaking Topics, Organizer: Craig Schneider & Kevin McAvey

<i>Panel Discussion</i>	TBD
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## 5:30 PM - 6:30 PM

### [Networking] Meet the Expert: Spotlight Series Presentations and Other Topics

## September 30, 2021

### 11:00 AM - 11:30 AM

#### [Networking] Virtual Coffee Shop

### 11:30 AM - 11:40 AM

**Opening Remarks and Welcome, Organizer: Norm Thurston, NAHDO**

Norm Thurston PhD

NAHDO, Executive Director

**11:40 AM - 12:40 PM****Opening Plenary, Organizer: Craig Schneider, Sponsored by Molina Healthcare (Brian Monsen)***Federal Data Leadership Panel - Connecting Data with Health Policy*Micky Tripathi  
Allison Oelschlaeger  
Joel CohenNational Coordinator for Health Information Technology  
Chief Data Officer and Director of the Office of Enterprise Data & Analytics  
Director of AHRQ's Center for Financing, Access, and Cost Trends**12:50 PM - 1:50 PM****Adopting Methodologies to Better Track COVID-19 and other novel phenomena, Moderator: Priyanka Surio, ASTHO, Organizer: Carl Letamendi, OHCS Utah**1. *How does COVID-19 Impact Statewide Readmission Trends in Massachusetts?*Bridget Gayer  
Zi ZhangMassachusetts Center for Health Information and Analysis  
Massachusetts Center for Health Information and Analysis2. *Arkansas Community-Level Analyses of COVID-19 Risk and Impact Assessment*Mike Motley  
Nichole Sanders PhDArkansas Center for Health Improvement  
ACHI3. *Mining Municipal Wastewater for Pandemics, Public Health, and More*Aparna Keshaviah  
Xindi HuMathematica  
Mathematica**Low Value Care & Avoidable Hospitalization, Organizer: Katie McGraves-Lloyd, Onpoint, Sponsored by California Health Care Foundation**1. *Global Pandemic, Local Priorities - The Impact of COVID-19 on a Statewide Initiative to Reduce Low Value Care.*Michelle Rockwell  
John Mafi MD MPHVirginia Tech Carilion School of Medicine  
David Geffen School of Medicine, UCLA & RAND Corporation2. *Measuring Potentially Avoidable Hospital Utilization among Medicare Beneficiaries in Rural Communities*

Suhui (Evelyn) Li PhD

Mathematica Policy Research

3. *Using AI-powered Low-Value Care Detection to Reduce Healthcare Costs*

Keith Somers

HealthCorum

**1:50 PM - 2:10 PM****Sponsor Break - Visit Our Sponsor Booths****2:10 PM - 3:10 PM****Innovations in Data Infrastructure and Processes to Support Policymaking, Moderator: Mary Jo Condon, Organizer: Mary Jo Condon, Freedman HealthCare, Sponsored by The Mercatus Center at George Mason University (Elise Amez-Droz)**1. *Inventory of Healthcare Regulations: Machine Learning and Other Approaches*Kofi Ampaabeng  
Elise Amez-DrozMercatus Center at George Mason University  
Mercatus Center at George Mason University2. *Leveraging New York's All Payer Database to Fill Information Gaps*Natalie Helbig  
Joseph NewellNew York State Department of Health  
Optum3. *The National EMS Information System*

Benjamin Fisher

NEMSIS Technical Assistance Center

4. *Wrestling with the Complexities of Claim Versioning in Utah APCD*Sterling Petersen  
Brantley ScottUtah Department of Health  
Utah Department of Health**Non-claims Payment - Lessons Learned in Data Collection Standards, Definitions, and Reporting, Organizer: Leanne Candura, HSRI, Sponsored by California Health Care Foundation***Panel Discussion*Leanne Candura  
Karynlee Harrington  
Julia Tremaroli  
Zachary GoldmanHuman Services Research Institute  
Maine Health Data Organization  
Center for Improving Value in Health Care  
Oregon Health Authority**3:20 PM - 4:20 PM****Code it, see it, interpret it: Disparities during the COVID-19 pandemic, Organizer: Andrea Clark, BerryDunn, Sponsored by Maximus (Karin Hoelzer)**1. *The COVID-19 Pandemic Exposed Inequities Experienced by American Indian and Alaska Native Populations in the United States.*

Traci Treasure

Comagine Health

2. *Use of Social Determinants of Health ICD Coding During the COVID-19 Pandemic*

Alyssa Harris

Vizient, Inc.

3. *Utilizing Data Visualization to Promote Health Equity in the Distribution of the COVID-19 Vaccine*Heidi Christman  
Bill BalderazHealthcare Collaborative of Greater Columbus  
Futurety**Leveraging APCDs for Cost Insight, Moderator: Meredith Roberts, Organizer: Meredith Roberts, Comagine Health, Sponsored by Peterson Center on Healthcare**1. *Driving Purchaser Value Through APCD Insight*

Karen Johnson PhD

Washington Health Alliance

2. *Relative Price Comparisons Among Hospital Procedures Using State APCD Data*Steven Ranzoni  
Benjamin ChanOregon Health Authority  
Oregon Health Authority3. *Understanding Price Changes and Variation: Findings from Florida's All Payer Claims Database*

Phillip Given

Health Care Cost Institute

**4:30 PM - 5:30 PM****Closing Plenary - Addressing Health Inequities and Improving Patient Care through Partner Collaboration and Data Analytics, Organizer: Jeff Stoddard, BerryDunn, Sponsored by HSRI**

*Panel Discussion*

Jeff Stoddard  
Chad MacLeod  
David Jorgenson  
Leanne Candura

BerryDunn  
HealthInfoNet  
MaineCare  
HSRI

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