



Powered by Shift Research Lab, a program of The Piton Foundation

Thursday, September 20 | Arvada Center for the Arts and Humanities

KEYNOTE & BREAKOUT SESSIONS

KEYNOTE

Data and Story to Drive Equity Initiatives

Sarah Treuhaft, Managing Director, Policy Link

What is data's role in advancing racial and economic equity? The National Equity Atlas partnership between PolicyLink and the Program for Environmental and Regional Equity at the University of Southern California weaves data, narrative and policy ideas to make the case that equity is a moral and economic imperative, especially amid rapid demographic shifts and persistent racial inequity. Sarah will share how PolicyLink works with community coalitions to build effective, empowering data products that drive equity action.

SHARPENING YOUR DATA SKILLSET // Ballroom C

DIY Data Ecosystem: Analytic Infrastructure in the Cloud for Nonprofits & Small Teams

Matt Krusemark, Founder, KSpatial

Paul Collier, Founder, Paul Collier Consulting

You may already be familiar with G Suite and Office 365—they're great cloud resources, available at a significant discount or free to nonprofits. But what do you know about Amazon Web Services, Google Cloud, Microsoft Cloud and Salesforce? This session will introduce you to a new ecosystem of analytic tools for data collection and visualization that can support your work with limited IT overhead. No matter your organization's size or its data literacy, this session will provide insight on how to objectively assess your data management needs and how to build data capacity within your scope and budget.

Case Study: Designing Better Products & Programs with Data

Heather Fleming, Co-Founder and Principal, Catapult Design

Evan Thomas, Director, Mortenson Center in Engineering

Each year, billions of dollars are spent on global health initiatives that lack accountability and rely on qualitative data to determine efficacy. How can we leverage quantitative data to improve the design process, better understand human behavior and create accountability to stakeholders? In this session, you'll hear first-hand accounts of the challenges and opportunities in designing new products and services for the public sector.

Building an Open Source Geospatial Enterprise with Out-of-the-Box Tools

Matthew Baker, Senior GIS Manager, Denver Public Schools

Free and open source tools, especially those for geospatial data, provide new perspectives and workflows for data management and visualization. Their value comes from the way each piece of software works together. Out-of-the-box tools such as QGIS and PostgreSQL, with PostGIS and GeoServer, provide an integrated system for managing both spatial and non-spatial enterprise data. This session will show how data from the

City of Denver Open Data Portal can easily be loaded into PostGIS, manipulated using SQL spatial queries, visualized in QGIS and published as a web service with GeoServer.

THE PRECARIOUS WORLD OF OPEN DATA // Ballroom D

Using Data to Understand Colorado's Housing Needs: Cautions, Traps & Implications

Jennie Rodgers, Vice President - Denver Market Leader, Enterprise Community Partners

As Colorado's housing crisis continues to grow, data that increases our understanding of a community's housing needs is more important than ever. This session will explore the data sets used for estimating demand, the downside of some of these data sets, and considerations for ensuring the most accurate analysis.

Activating the Data for Change Network: Help Us Move from Vision to Action

Courtney Steele, Digital Products and Partnership Manager, Shift Research Lab

Matt Barry, Principal of Engagement, Shift Research Lab

At last year's Mile High Data Day, Shift Research Lab introduced a vision for the Data for Change Network—a coordinated, collaborative group of researchers, data experts and end-users that coalesces our region's data community. Now, Shift has made activating the Network a top priority. Join Shift in co-designing the Network's future at this hands-on working session, where we will develop personas to help inform the Network's strategy for events, content and knowledge-sharing over the coming year.

Case Study: The Politics of Data

Lisa Berdie, Policy Director, A+ Colorado

What happens when data is politicized? How does it impact government's ability to share data with the public, and how can the public advocate for meaningful data sharing? This session will explore how A+ Denver has advocated for more transparency in Colorado's education data, including the political and social context that led to fundamental changes in public data reporting, the impact on shared data and the relationship between data users and providers.

DATA FOR CHANGE IN ACTION // Ballroom E

Data Engagement with Decision Makers

Andrew Cole, Program Manager, Business Intelligence Center

Brian Lewandowski, Associate Director, Leeds School of Business, University of Colorado Boulder

The Business Intelligence Center, a program of the Colorado Secretary of State's office, seeks to make public data more useful and accessible so that businesses can make informed decisions. Hear lessons learned from five years of the program's work to engage businesses, including new focus group research from the University of Colorado's Business Research Division about how decision makers use data.

Advancing Health Equity Through Data & Collaboration

Namrita S. Singh, Social Epidemiologist, Colorado Department of Public Health and Environment

Danielle Varda, CEO, Visible Network Labs

Rose Hardy, PhD Candidate, Colorado School of Public Health

How do social factors create health disparities? Find out during this discussion of the Colorado Department of Public Health and Environment's recently released Equity Action Guide, which leverages cross-sector collaboration and data-sharing to advance health equity. Then, learn how the PARTNER tool data set answers questions on cross-sector collaboration and health outcomes at the county level in a brand new way.

Data Transparency at the State Level: The Goals & Challenges of Colorado's Data Strategy

Jon Gottsegen, Chief Data Officer, State of Colorado Governor's Office of Information Technology

As it works to become more efficient, the State of Colorado is committed to improving data sharing, governance and transparency while ensuring information security and privacy. This session will provide insight on the state's data strategy, including factors impeding data sharing and what efforts are being made to foster sharing and interoperability. In addition, you'll learn about the Office of Information Technology's development of an enterprise-wide data integration service for state agencies based on an API-centric approach.