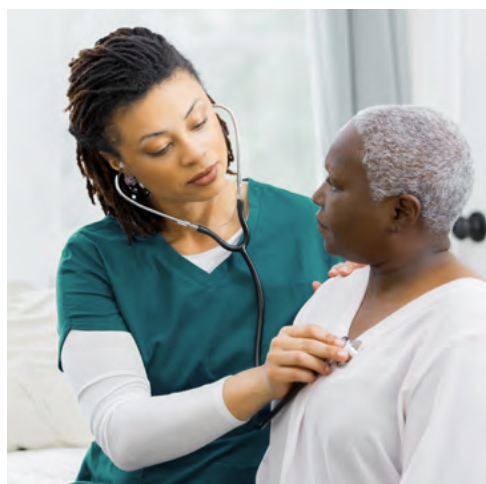


CORE

Center for Outcomes
Research and Education



2023 ANNUAL REPORT

Welcome



Keri Vartanian, PhD
Director of CORE

Keri.Vartanian@
providence.org

WELCOME TO CORE'S 2023 ANNUAL REPORT, featuring highlights and insights from our portfolio of research, evaluation, analytics, and strategic consulting work.

Through 42 projects active in 2023, we continued pursuing vital questions around health, health equity, and the myriad ways that the social determinants of health shape people's lives. These diverse lines of inquiry led us to topics as varied as behavioral health, healthcare payment reform, racism in healthcare, nutrition and gardening, housing, and genomics.

In this report you'll read about some of those projects and transformative ideas from our partners, including health systems, Medicaid programs, health departments, community nonprofits, and more. We are proud to collaborate on these efforts to help shape healthier systems, policies, programs, and communities.

Reflecting our commitment to sharing knowledge, this year's report includes a new section with resources and tools developed through our projects. We hope you find them valuable—and we encourage you to share!

I also want to express our sincere gratitude to our partners, funders, and research participants. Your support and collaboration are what make this work possible. Lastly, thank you to the CORE team; your commitment to our vision of a healthier, more equitable future is a true inspiration.

Keri Vartanian

About CORE

WHO WE ARE: The Center for Outcomes Research and Education (CORE) is an independent team of scientists, researchers, and data experts with a vision for a healthier, more equitable future. We work with communities and a wide variety of cross-sector partners to take on today's biggest barriers to better health.



WHAT WE DO: We help our partners gather, analyze, interpret, and use data and information for better decision-making and more effective programs and policies. Through this work, we deliver evidence and insights that shape and sustain healthier systems, policies, programs, and communities.

OUR PARTNERS INCLUDE: Health systems; health departments; Medicaid programs; community-based organizations; foundations; the housing, education, and criminal/legal sectors; and more.

MISSION

To drive meaningful improvements in health and health equity through collaborative research, evaluation, analytics, technical assistance, and capacity building.

VISION

Engaged communities, effective programs and policies, equitable systems, and healthy people.

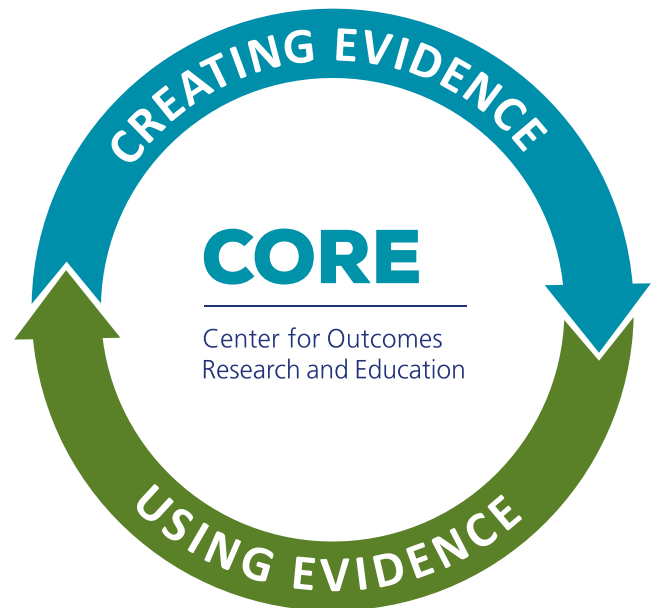
Learn more about CORE at
ProvidenceOregon.org/CORE

About CORE

Creating & Using Evidence

At CORE, we work with partners to both create and gather evidence, and use that evidence to shape decisions, programs, and policies.

This deeply connected cycle of creating evidence through our Research & Evaluation portfolio and using evidence through our Analytics & Strategic Consulting portfolio is visible in our wide range of services for projects and partners of all sizes.



CORE is very collaborative and goes beyond data and evaluation to focus on their work's impacts on end users.

They are genuinely interested in making a difference at the community, individual, family, and child levels. That's powerful for me.

—CORE partner

Our Impact

55+

PARTNERS
& FUNDERS

STAFF

27

42

ACTIVE
PROJECTS

28

NEW
PROJECTS
AWARDED

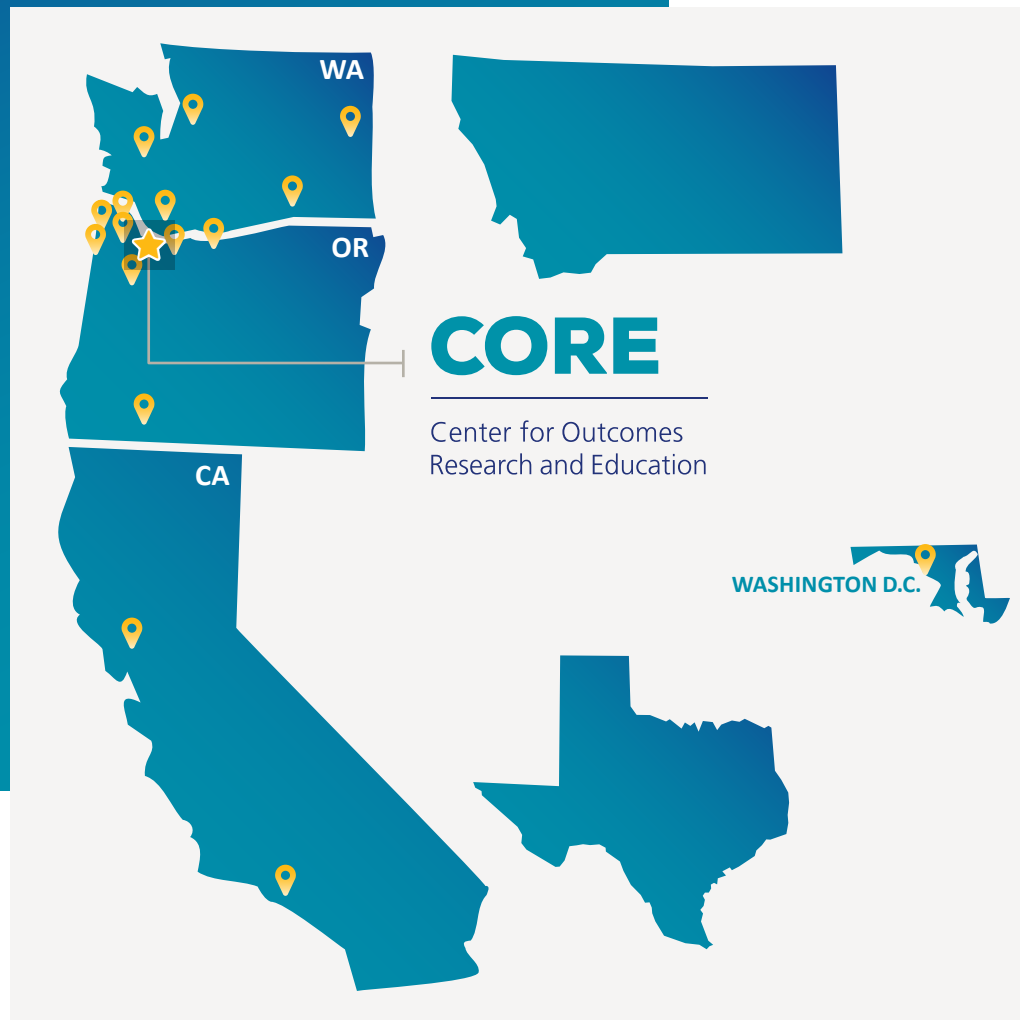
PUBLICATIONS &
CONFERENCE
PRESENTATIONS

30

CORE PARTNERS & PROJECT LOCATIONS

CORE's reach extends well beyond our Portland, Oregon headquarters. Our work supports communities up and down the West Coast and around the U.S. In addition to the 2023 project and partner locations indicated at right, we also conducted statewide research in:

- Alaska
- California
- Montana
- Oregon
- Utah
- Washington



Highlighted Projects

HEALTH SHARE OF OREGON

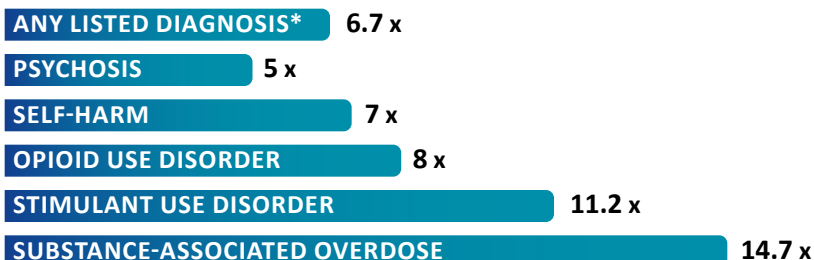
How a CORE data analysis is helping shape behavioral health policy & response strategies in Portland

A project by CORE is providing powerful data to help the Coordinated Care Organization (CCO) Health Share of Oregon and its community partners zero in on solutions to the Portland metropolitan area's challenges with houselessness, mental illness, and substance use. Early data from the project illustrates the vital need to increase acute care services for community members with co-occurring mental health and substance use disorders. Below are several key findings from the analysis.

➤ [READ MORE](#)

Key findings

- **Ten percent** of adult Health Share of Oregon members (approximately 28,000 individuals) had a diagnosis of an opioid use disorder, stimulant use disorder, psychosis, substance-associated overdose, or self-harm.
- This ten percent of individuals utilize inpatient services at **6.7 times** the rate of the Health Share population without any of these diagnoses; ranging from **5 to 14.7 times the rate depending on their diagnosis**.



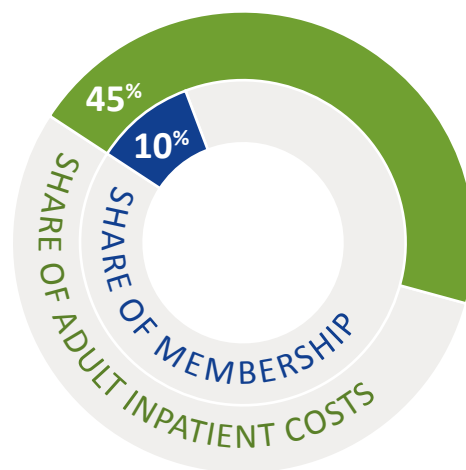
* Opioid use disorder, stimulant use disorder, psychosis, substance-associated overdose, or self-harm



CORE's work on this analysis is a game changer. It's moved Health Share in different, more precise directions. I can't overstate our appreciation for the thoughtful, smart, and capable team, and I'm so grateful for their partnership in this important work.

—Mindy Stadtlander
CEO, Health Share of Oregon

- These 28,000 individuals comprise just **10%** of Health Share's total membership, yet they account for **45%** of adult inpatient costs.



Highlighted Projects

PROVIDENCE OREGON COMMUNITY HEALTH INVESTMENT

Using data with purpose: CORE's Data for Change program

Our Data for Change program brings together community-based organizations to grow their capacity to use data to address local needs and sustain promising and impactful programs. In 2023, the program's third year, we continued providing services to a wide range of community partners through individualized coaching sessions, community learning webinars, and our inaugural data summit.

➤ [READ MORE](#)

“

Data for Change has given us a new perspective on our work. CORE often asks questions that we haven't even thought of!

—Data for Change participant



Convening our Data for Change partners

As part of Data for Change's ongoing evolution, we were excited to host our inaugural Data Summit in 2023. This in-person event brought together partners from 15 community-based organizations for sessions on cultivating an organizational learning culture, harvesting feedback loops, and nurturing your data story.

➤ [VIEW A RECAP IN OUR BLOG](#)



CAREOREGON

Building evidence around Value-Based Payments (VBPs) in primary care

As healthcare payers look to VBPs to incentivize performance on

quality, cost, and patient outcomes, a recent CORE study evaluated a primary care-focused VBP model at 130 clinics serving members of CareOregon, a payer with Medicaid and Medicare Advantage plans. The study, funded by The Patrick & Catherine Weldon Donaghue Medical Research Foundation, found increased use of primary and specialty care among members served by clinics participating in the model. It also highlighted the importance of staff engagement and buy-in when implementing such models.

➤ [READ MORE](#)

“

Not only did we see evidence that this VBP model led to better connections to healthcare for its intended patient population, but it also had an unintended positive impact on other patients. This spillover effect suggests that there may be opportunities for alignment and partnership across health plans around funding for similar VBP models.

—Hannah Cohen-Cline, PhD, MPH
Program Director,
Research & Evaluation, CORE

Highlighted Projects

SW WASHINGTON COMMUNITY CONNECTIONS

Identifying the links between health, legal, education, & housing outcomes

This innovative research project drew on cross-sector data to study the relationships between outcomes across sectors in SW Washington State. Findings showed links between student mobility, health, and attendance; impacts of mental healthcare and substance use treatment on interactions with the legal system; and patterns of acute care use among individuals experiencing incarceration or housing instability.

[▶ READ MORE](#)



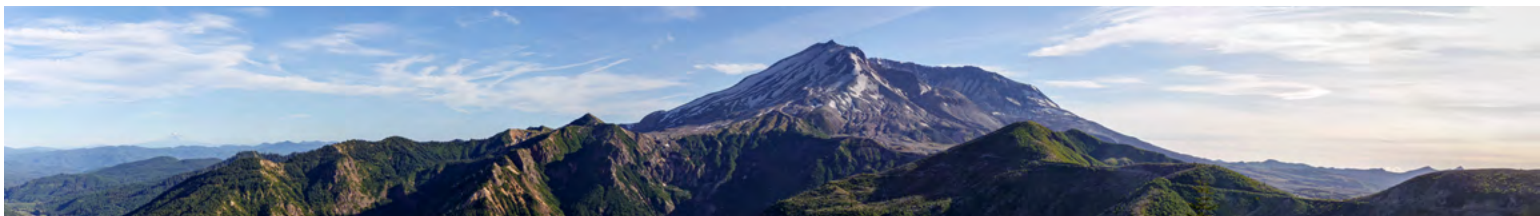
2015 – 2018:
6,000 individuals with substance use disorder experienced arrest



12% received outpatient mental healthcare after leaving jail



Those receiving outpatient mental healthcare were **30% less likely** to experience rearrest



PROVIDENCE

Understanding long COVID based on patient experiences

A study by CORE and the Providence Research Network offers insights into patient experiences with the condition known as long COVID. Focusing on the patient perspective by using patient narratives and survey data, CORE identified four groupings of patients that encompass the wide-ranging experiences of people with long COVID. The research illustrates how physical, mental, and social health are linked and must be considered together to effectively manage and treat patients with this challenging disease.

[▶ READ MORE](#)

“

I've been experiencing anxiety and depression since being so sick from COVID... realizing that my lungs will never be the same is such a harsh reality!

—Study participant

Highlighted Projects



PROVIDENCE COMMUNITY TEACHING KITCHEN (CTK)

Cultivating change through a Spanish-language culinary & gardening initiative

The CTK launched its culturally responsive culinary nutrition and gardening program in 2022 to serve more of the region's Spanish speakers, including those with diabetes and prediabetes. A CORE evaluation funded by the William E. and Thelma F. Housman Foundation used interviews, surveys, and Photovoice, a participatory research approach where participants take photographs to capture and share their lived experiences. Findings highlight the benefits and opportunities around community-driven, culturally relevant programs.

[▶ READ MORE](#)

OREGON PATIENT SAFETY COMMISSION (OPSC)

Enhancing Oregon's Early Discussion & Resolution (EDR) process

Oregon's EDR process, enacted by the state legislature in 2013, creates confidential and safe spaces for patients and families to have transparent conversations with providers following incidents of patient harm in healthcare settings. OPSC engaged CORE's data experts to develop a roadmap to help the program use data to identify potential disparities and ensure more equitable and positive outcomes for participants. This work highlights the impact of data systems on program effectiveness and equity.

[▶ READ MORE](#)

SOUTHWEST WASHINGTON ACCOUNTABLE COMMUNITY OF HEALTH (SWACH)

Building analytics capacity for a community-based care coordination program

In 2023, CORE assisted SWACH in building data capacity to monitor the impact of its HealthConnect HUB, which connects people to care through a community-based workforce and a network of community agencies. As part of that effort, CORE established systems for downloading and transferring HUB data to make it easier to use, built several new Continuous Quality Improvement (CQI) metrics, and supported reporting and data visualization. In 2024, we are supporting the transition of HUB data management from CORE to SWACH by providing ongoing training, documentation, and technical assistance.

[▶ LEARN MORE ABOUT THE HEALTHCONNECT HUB](#)



CORE's work gave us a clear roadmap for how we can connect our data with our learning goals, integrate equity into our data strategy, and strengthen this important work we have been entrusted to do.

—Valerie Harmon
Executive Director, OPSC

Highlighted Projects

PREPAREDNESS & TREATMENT EQUITY COALITION (PTEC)

Understanding the impact of discrimination & racism on preventative mammography

Building on CORE's past research on disparities in mammography, in 2023 CORE began studying how discrimination in the healthcare system impacts the use of these important screenings. The study, funded by PTEC, also examines how these experiences impact breast cancer screening metrics and their interpretation. CORE's Monique Gill described this work in an interview with PTEC, which you can watch or read at the link below.

[▶ READ MORE](#)

Patients who report **MORE FREQUENT HEALTHCARE DISCRIMINATION**

- ▶ Are **less likely to be current** on mammography
- ▶ Have **worse perceptions** of the healthcare system

Patients who report **BETTER COMMUNICATION WITH PROVIDERS**

- ▶ Are **more likely to be current** on mammography
- ▶ Have **better perceptions** of the healthcare system

“

What we're seeing, not just anecdotally, is that negative experiences in healthcare affect how people interact with healthcare. Our findings show that patients who experience more frequent discrimination in the healthcare setting are less likely to be current on their mammograms.

—Monique Gill, PhD, MPH
Research Scientist, CORE

PROVIDENCE GENOMICS

Navigating the path of genomic medicine

Recent advances in genomic medicine offer significant promise for more effective prevention and treatment for patients at higher risk of cancer and other diseases. Yet patients may not always understand the role or importance of genomic screenings in their healthcare journey. CORE's research into an early detection and prevention pilot program at Providence offers insights to help shape how healthcare organizations partner with patients to improve outcomes through genetic testing.

[▶ READ MORE](#)

WASHINGTON STATE DEPARTMENT OF HEALTH

Evaluating an innovative COVID-19 support program

The Care Connect Washington program was created in 2020 to support people needing to isolate and quarantine in Washington State due to COVID-19 exposure or infection. This collaboration between the health department, nine regional hubs, and local care coordinators offered enrollees supports to help reduce the impacts of quarantine. The program also helped connect enrollees to other services. Our evaluation highlighted Care Connect's speed and reach, as well as opportunities to address unmet needs in the state.

[▶ READ MORE](#)

CORE Resources

At CORE, we're committed to making a positive impact by sharing data, insights, ideas, tools, and other knowledge gained through our work and partnerships.

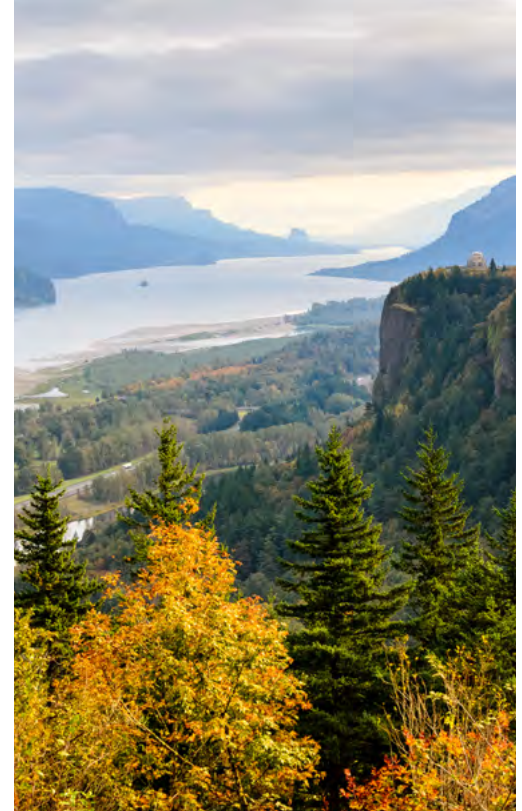
Below are several of the resources we published in 2023. You can also find a list of our 2023 peer-reviewed publications on page 13.

CORE INSIGHTS

Six steps toward more equitable data visualization

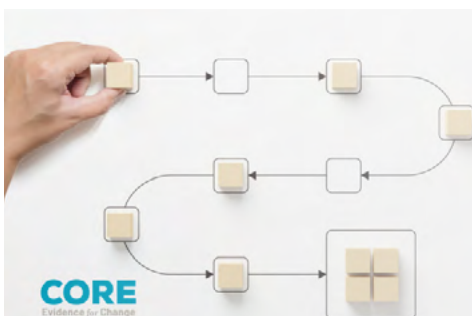
Data visualization practices run the risk of misleading, misrepresenting, and harming communities that have experienced inequities and discrimination. Applying an equity lens can help researchers and others better represent and communicate with the communities they serve. In a 2023 webinar and blog post, we dug into some of our favorite data equity resources and shared six key steps to help apply an equity lens to your data visualization efforts.

➔ [LEARN MORE](#)



An equity lens isn't something that you can just apply at the end of a project. It requires thinking about the data and its context all the way through the process of collecting and visualizing that data.

—Kristen Lacijan, MS, MPH
Program Manager, CORE



WEBINAR & RESOURCES

Demystifying logic models

Logic models can serve as valuable tools for organizations working to improve health and health equity, yet they can sometimes feel burdensome and are often misunderstood. As part of our Data for Change program, a 2023 CORE webinar offers tips and tools to demystify the process of creating and using logic models.

➔ [LEARN MORE AND WATCH THE WEBINAR](#)

WEBINAR

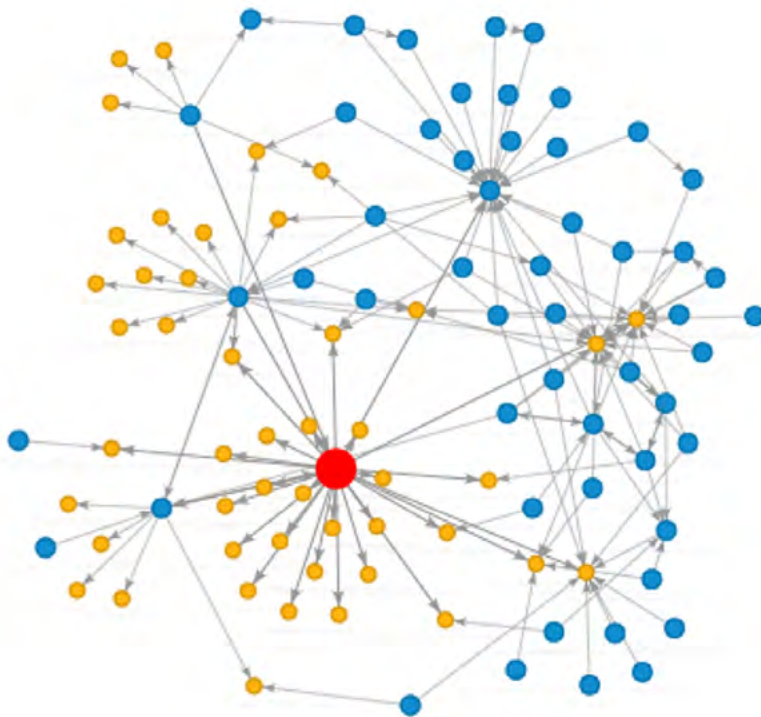
Insights on collecting & using qualitative data

Data is key to shaping policies, systems, and programs that work for communities. Qualitative data, however, is too often an afterthought, despite its ability to help tell a more complete story. In a CORE webinar developed as part of our work with Oregon's Coordinated Care Organizations, we shared insights and ideas on how to understand and use qualitative data, even with minimal training and resources.

▶ [WATCH THE WEBINAR](#)

EXAMPLES OF QUALITATIVE DATA

- ▶ Interviews
- ▶ Focus Groups
- ▶ Listening Sessions
- ▶ Documents (e.g. reports, personal journals)
- ▶ Visual Data (e.g. photos, videos)
- ▶ Observational Data
- ▶ Open-ended Survey Questions



CORE INSIGHTS

Using collaborative networks to support systems change

CORE's work with community and healthcare organizations and systems change initiatives offers evidence of a changing landscape of partnerships. It also highlights how broader networks can support organizational and workforce capacity.

As part of the CORE insights blog series, we described some of the opportunities and challenges involved in working together to meet the needs of communities and people.

▶ [READ MORE](#)

A network map from a CORE network analysis

Publications

Longitudinal policy and systems change as a component of community power. *Family & Community Health*, October/December 2023.

➤ [READ MORE](#)

Exploring power building capacity at the ecosystem level: A case study of a justice-oriented organizational network. *Evaluation and Program Planning*, October 2023. ➤ [READ MORE](#)

Mammogram perceptions, communication, and gaps in care among individuals with non-English language preference in Oregon and Washington states. *Preventive Medicine Reports*, October 2023.

➤ [READ MORE](#)

Assessing the impact of recovery housing on healthcare utilization in Portland, Oregon. *Drug Alcohol Dependence Reports*, September 2023.

➤ [READ MORE](#)

Catalyzing alignment and systems transformation through cross-sector partnerships: Findings from the California Accountable Communities for Health Initiative. *Health Services Research*, September 2023.

➤ [READ MORE](#)

Integrating patient-reported physical, mental, and social impacts to classify long COVID experiences. *Scientific Reports*, September 2023. ➤ [READ MORE](#)

Participation in genetic screening: Testing different outreach methods across a diverse hospital system based patient population. *Frontiers in Genetics*, September 2023. ➤ [READ MORE](#)



Our conversations with CORE made it clear that they have not just the expertise to do this work but a **depth of expertise.**

—CORE partner

Participant perspectives on community health workers' critical role in their experience of the Pathways Program to address complex needs. *Journal of Ambulatory Care Management*, July 2023.

➤ [READ MORE](#)

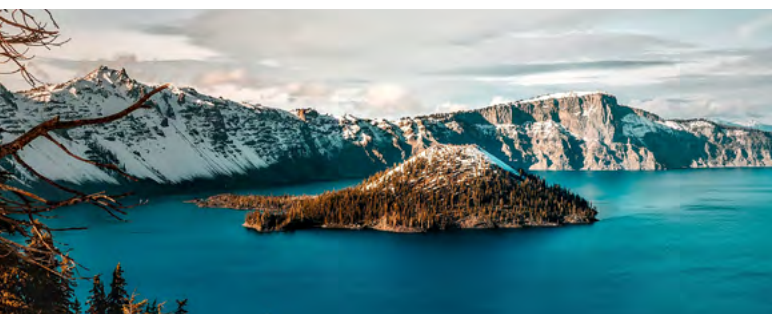
Patient perception of education, care coordination, and psychological distress after developing facial paralysis: A qualitative study. *JAMA Otolaryngology—Head & Neck Surgery*, June 2023.

➤ [READ MORE](#)

Investing in community power building to increase civic engagement through voting: Lessons from the Building Healthy Communities initiative. *Journal of Community Practice*, May 2023. ➤ [READ MORE](#)

Bias-based bullying in California schools: The impact of the 2016 election cycle. *Journal of Interpersonal Violence*, March 2023. ➤ [READ MORE](#)

Evaluation of an integrated intervention to address clinical care and social needs among patients with type 2 diabetes. *Journal of General Internal Medicine*, March 2023. ➤ [READ MORE](#)



What's Next

Here are a few of the exciting CORE projects and partnerships launching in 2024.

OREGON HEALTH AUTHORITY

Supporting Oregon's 2022–2027 1115 Medicaid Demonstration Waiver

In late 2023, the Oregon Health Authority (OHA) announced it had selected CORE to develop the evaluation design for Oregon's 2022–2027 1115 Medicaid waiver. This initiative will shape and guide how Oregon measures the success of its innovative 1115 waiver benefits and services for eligible Oregon Health Plan (OHP) members.

In collaboration with OHA and OHP partners and members, CORE will focus on three major components:

- Formulating an interested parties engagement plan to gain input and insight from a diverse range of groups and individuals
- Developing a robust evaluation design leveraging input from interested parties
- Gathering input and recommending ongoing governance processes for evaluation implementation

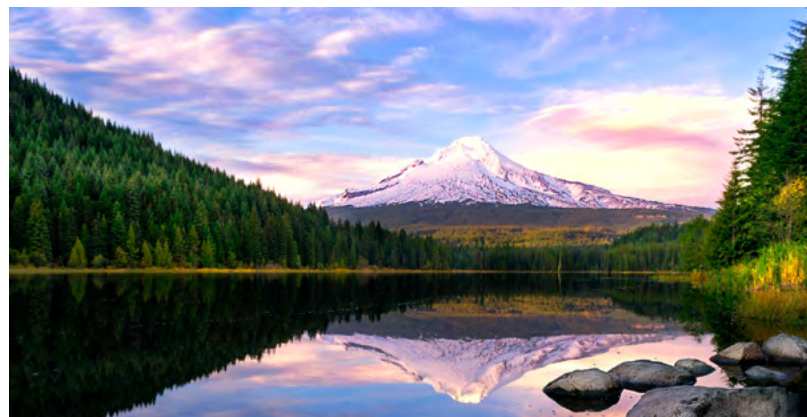
The aim is to produce a rigorous evaluation design informed by the experiences of OHP beneficiaries, community-based organizations, Coordinated Care Organizations (CCOs), and other interested parties, as well as a commitment to health equity and transparency.

➤ [READ MORE](#)

“

We are so excited to support the evaluation planning for the innovative policies that are part of this 1115 waiver. We hope the evaluation design will help everyone get a clear understanding of the waiver's implementation and impacts, and generate learnings that can help other states follow Oregon's lead.

—Lisa Angus, MPH
Program Director,
Analytics & Strategic Consulting, CORE



What's Next

PORTLAND STATE UNIVERSITY, HEALTHY BIRTH INITIATIVE

Can a community & health system partnership improve Black birth outcomes?

In collaboration with Portland State University researcher Dr. Roberta Hunte, CORE is examining the impacts of a partnership between Providence and the Healthy Birth Initiative (HBI) on Black birth outcomes. Providence partners with HBI, a community-based program run by Multnomah County, on efforts to improve policies, practices, and outcomes for Black birthing people.

In 2023, CORE interviewed staff at Providence and HBI to support the organizations' relationship-building efforts. In 2024, with funding from the Housman Foundation for Medical Research, we will expand the study by interviewing patients to explore the partnership's impacts on birth experiences and outcomes.



SCAN FOUNDATION

Collaborating to advance health equity for the aging population

The SCAN Foundation's Advancing Health Equity in Aging Initiative seeks to reduce health inequities and improve the lives of older adults, with an emphasis on individuals from historically marginalized communities. It also aims to increase the power of older adults to push for changes in their communities.

CORE is collaborating with the foundation and its partners to understand the overarching investment approach and potential for spreading this model across California.



CAREOREGON

SHIFT: Transforming behavioral healthcare practices across Oregon

The Strategic Healthcare Investment for Transformation (SHIFT) initiative seeks to transform how behavioral health services are delivered so that people with behavioral health needs are at the center and care teams thrive. CORE has supported SHIFT in its first few years through formative evaluation and by creating a collaborative learning and evaluation system plan. The year ahead will see several major milestones for SHIFT, including an announcement of the clinics selected to implement SHIFT. CORE will also launch the learning and evaluation system.

► [Learn more about SHIFT at CareOregon's website](#)

What's Next

OREGON HEALTH AUTHORITY

Do financial incentives impact the provision of interpretive services in Medicaid?

In late 2023, CORE began investigating how financial incentives impact the provision of interpretive services and healthcare use among Medicaid members. While federal law has long required access to interpretive services, Oregon has taken the innovative approach of incentivizing health systems to provide these services. This study, funded by the Agency for Healthcare Research and Quality (AHRQ), will evaluate the extent to which this approach impacts implementation and provision of interpretive services in healthcare.

PROVIDENCE

Investigating a low barrier colorectal cancer screening program

With funding from The Patrick & Catherine Weldon Donaghue Medical Research Foundation, CORE will study a low barrier colorectal cancer (CRC) screening program at Providence that uses fecal immunochemical testing (FIT) kits to increase access to screening. However, for the full value of FIT screening to be realized, FITs must be completed annually and patients who screen positive need follow-up care. This study will explore equity, persistency, and follow-up for FIT screening to improve value and reduce disparities not only with respect to CRC screenings, but also CRC outcomes.



CAREOREGON

Studying an innovative approach to housing the healthcare workforce

In 2023, CareOregon purchased a Seaside, Oregon, hotel to convert into housing for the region's healthcare workforce and for individuals with disabilities. CORE is currently studying this innovative project to better understand its impacts and to inform other systems and communities considering similar investments.



For FIT tests to be effective in detecting colorectal cancer, they must be completed every year. This study will explore persistency and equity in FIT testing so we can make sure that everyone has access to CRC screening and the potential for early detection that we know saves lives.

—Sarah Roth, PhD
Associate Research Scientist, CORE



With Gratitude

... to all our **PARTNERS AND FUNDERS**, project participants, and community stakeholders for your collaboration and support. We're proud to be a part of your important work!

... to the **COMMUNITY MEMBERS, PROVIDERS, AND SURVEY AND INTERVIEW PARTICIPANTS** who put your trust in us and took the time to contribute to this work by sharing your insights and experiences.

... to the entire **CORE TEAM** for your hard work, ideas, and commitment to advancing health and health equity every day.

Thank You



Partners & Funders

CORE's work is generously funded and conducted in partnership with our cross-sector partners, including foundations, government agencies, ACHs, CCOs, health systems, and more. Examples include:

ACCESS	Northwest Regional Child Care Resource & Referral	Providence St. Vincent Medical Foundation
Agency for Healthcare Research & Quality (AHRQ)	Oasis Center of the Rogue Valley	Restoration House
Amgen	Oregon Health & Science University	Robert Wood Johnson Foundation
Better Health Together	Oregon Health Authority	Rockwood Community Development Corporation
Bridges to Change	Oregon Patient Safety Committee	Rose Haven
CareOregon	Pfizer	SCAN Foundation
Center for the Study of Social Policy	Pixel37 Design	Southwest Washington Accountable Community of Health (SWACH)
Central City Concern	Portland State University	The California Endowment
Clatsop Child Care	Preparedness & Treatment Equity Coalition (PTEC)	The Patrick & Catherine Weldon Donaghue Medical Research Foundation
Coalicion Fortaleza	Project Access NOW	The William E. & Thelma F. Housman Foundation for Medical Research
Feed'em Freedom Foundation	Providence Center for Cardiovascular Analytics, Research + Data Science (CARDS)	Todos Juntos
Growing Gardens	Providence Community Health Investment	Truveta
Health Share of Oregon	Providence Genomics	U.S. Department of Health & Human Services
Hearst Foundation	Providence Health Research Accelerator	Uncommon Solutions
Immigrant & Refugee Community Organization (IRCO)	Providence Medford Community Health Foundation	United Way of Jackson County
Jack Coleman Communications	Providence Mental Health Strategy Team	Vancouver Housing Authority
Jackson Care Connect	Providence Milwaukie Foundation	Washington State Department of Health
Jackson County Mobile Crisis Response	Providence Milwaukie Hospital—Community Teaching Kitchen	
Maslow Project	Providence Portland Medical Foundation	
MDRC		
MEF Associates		
Merck		
Mid-Columbia Community Action Council		

The 2023 CORE Team

Keri Vartanian, PhD
Director of CORE

Lisa Angus, MPH
Program Director, Analytics &
Strategic Consulting

Denise Baldwin
Senior Administrative Coordinator

Abby Bush, MPA
Senior Project Manager

Hannah Cohen-Cline, PhD, MPH
Program Director, Research & Evaluation

Claire Devine, JD, MPH
Lead Research Associate

Lindsay Dickey, MPH
Data Analyst

Taylor Doren, BA, BS, MA
Data Engineer

Kristen Dulacki, MPH, PMP
Operations Manager

Daniel J. Fish, PhD
Data Scientist

Lizzie Fussell, MPH
Program Manager

Ritu Ghosal, MS, MPH
Research Associate

Monique Gill, PhD, MPH
Research Scientist

Aisha Gilmore, MPH, PMP
Senior Project Manager

Ben Gronowski, MHR
Senior Research Associate

Megan Holtorf, MPH, CCRP
Analytics & Business Intelligence Manager

Kyle Jones, MSc, MA
Senior Data Analyst

Natalie Kenton, MS, MPH
Research Scientist

Kristen Lacijan, MS, MPH
Program Manager

Roxanne Marsillo, MA
Research Associate

Erica Millan-Juarez
Administrative Coordinator

J.B. Rinaldi, PMP
Senior Project Manager

Sarah Roth, PhD
Associate Research Scientist

Mohammad Saleem, MPH
Student Intern

Charles Schroeder, MPA, CRA
Senior Financial Analyst

Maggie Weller, MS, PMP
Project Manager Supervisor

Chia-Hua Yu, MBI
Data Analyst



CORE

Center for Outcomes
Research and Education

4400 NE Halsey St.
Building 1, Suite 265
Portland, OR 97213

core@providence.org
providenceoregon.org/CORE

Evidence *for* Change