

Accessing Community Cancer Care After Insurance Expansion (ACCESS)

04/01/2016 – 03/31/2021

Some states implemented Affordable Care Act (ACA) Medicaid expansions while others did not, thus creating a natural experiment to study the impact of increased access to health insurance on cancer screening, cancer preventive services, and cancer survivor care. This innovative, timely study will use electronic health record (EHR) data from the ADVANCE clinical data research network (CDRN) of PCORnet, which has EHR data from 718 community health centers (CHCs), including 476 CHCs in 13 states that expanded Medicaid (n=576,711 patients), and 242 CHCs in eight states that did not expand Medicaid (n=361,421 patients). The ADVANCE CDRN dataset uniquely positions us to assess cancer screening, prevention, and survivor care among vulnerable populations immediately after the ACA Medicaid expansions, and to follow these patients for several years after this landmark health policy natural experiment.

- *Grantee: Oregon Health & Science University*
- *Funding Agency: National Institutes of Health/National Cancer Institute*
- *Principal Investigator: Jennifer DeVoe, MD, DPhil*
- *OCHIN Site Investigator: Lewis Raynor, PhD, MS, MPH*
- *Grant Number: R01CA204267*

Accelerating Data Value Across a National Community Health Center Network (ADVANCE)

03/01/2016 – 08/01/2018

The ADVANCE Clinical Data Research Network (CDRN) is led by OCHIN in partnership with Health Choice Network (HCN) and Fenway Health. The goal of ADVANCE is to build and maintain a “community laboratory” of Federally Qualified Health Centers (FQHCs) serving safety net patients, including the uninsured, the under-insured, undocumented immigrants, and other vulnerable populations. The ADVANCE Research Data Warehouse (RDW) maintains data on over two million patients and is the nation’s most comprehensive dataset on care and health outcomes in safety net patients. These patients are often underrepresented in claims-based datasets and academic hospital-based research studies. ADVANCE is one of 13 CDRNs participating in the Patient Centered Outcomes Research Institute’s (PCORI) distributed research network, called PCORnet. The goal of PCORnet is to create a national network of representative data for conducting comparative effectiveness and clinical outcomes research.

- *Grantee: OCHIN, Inc.*
- *Funding Agency: Patient-Centered Outcomes Research Institute*
- *Principal Investigator: Jon Puro, MPA-HA*
- *Grant Number: CDRN-1306-04716*

Act on Social Determinants using EHR tools in Safety net Settings for Diabetes Outcomes Pilot (ASSESS & DO Pilot)

09/01/2015 – 08/31/2017

This pilot study will assess the feasibility of using electronic health record-based tools to help community health centers systematically identify and act on the 'social determinants of health' affecting patients' risk of diabetes complications.

- *Grantee: Kaiser Permanente*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Institute of Diabetes and Digestive and Kidney Diseases*
- *Principal Investigator: Rachel Gold, PhD, MPH*
- *OCHIN Site Investigator: Erika Cottrell, PhD, MPP*
- *Grant Number: R18DK105463*

Community-based HIT Tools for Cancer Screening and Health Insurance Promotion (CATCH-UP)

07/01/2014 – 06/30/2019

We propose to implement and evaluate a suite of HIT tools designed to (1) identify and reach uninsured CHC patients who are eligible for enrollment in public insurance coverage, and (2) encourage re-enrollment of publicly-insured patients before coverage gaps occur. The proposed innovations will support data exchange between the state and CHCs, enabling on-site identification of eligible patients, and proactive outreach via patient portals, personal health records, and language-specific phone, email, and text messaging.

- *Grantee: Oregon Health & Science University*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Institute of Health/National Cancer Institute*
- *Principal Investigator: Jennifer DeVoe, MD, DPhil*
- *OCHIN Site Investigator: Brigit Hatch, MD, MPH*
- *Grant Number: R01CA181452*

Community Health Applied Research Network (CHARN 2)

04/10/2014 – 05/31/2017

CHARN 2 is an extension of CHARN: OCHIN was selected as one-of-four Community Health Applied Research Networks (CHARN) in the Nation. Our Research Node Center (RNC) will partner OCHIN and its member affiliates with OHSU's research expertise to engage in Comparative Effectiveness Research (CER), which aims to compare existing health care interventions to determine which work best for which patients. The research (and its findings) will be shared among the four research nodes to improve the care provided to safety net patients on a National level.

- *Grantee: Kaiser Permanente Northwest Center for Health Research*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: Health Resources and Services Administration*
- *Principal Investigator: Jennifer DeVoe, MD, DPhil*
- *Grant Number: HSH250201400001C*

Clinical Information Needs of CHCs for HIT (CLINCH-IT)

05/01/2015 – 04/30/2019

We propose to identify clinicians' and clinical teams' information needs for providing coordinated care to patients with complex needs, including their need for information on patients' social determinants of health. This work will take the critical step of identifying a set of design principles or criteria to inform the development of health IT that effectively addresses these information needs, with an emphasis on information needed when coordinating care for complex patients.

- *Grantee: Oregon Health & Science University*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: Agency for Healthcare Research & Quality*
- *Principal Investigator: Deborah Cohen, PhD*
- *OCHIN Site Investigator: Rachel Gold, PhD, MPH*
- *Grant Number: R01HS023324*

Contraceptive Services in the Safety Net: Interdisciplinary innovations in using EHR data to study the impact of the ACA

08/01/2015 – 04/30/2017

This research study will support the development of a rigorous research protocol to evaluate the impact of the Affordable Care Act (ACA) on contraceptive service provision in safety net clinics in the US.

- *Grantee: Oregon Health & Science University*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: Society of Family Planning*
- *Principal Investigator: Blair Darney, PhD*
- *OCHIN Site Investigator: Erika Cottrell, PhD, MPP*

Health Disparities Collaborative Research Group (CRG)

03/01/2017 – 02/28/2022

The focus of the Health Disparities Collaborative Research Group (CRG) is to build a network of collaborators focused on disparities research, provide expert subject support to the PCORnet Front Door, and work internally and with other CRGs to build and execute research projects that address disparities in healthcare. This CRG will also provide the PCORnet Data Committee with recommendations for enhancements to the PCORnet Common Data Model (CDM) to better support research in health disparities.

- *Grantee: OCHIN, Inc.*
- *Sub-recipient: University of California, San Francisco*
- *Funding Agency: PCORI*
- *Principal Investigator: Lewis Raynor, PhD, MS, MPH, and Mitch Lunn, MD*
- *Grant Number: #CDRN-1306-04716*

Clinical Trials Network (CTN)

09/01/2015 – 08/31/2020

The Western States (WS) Node of the National Drug Abuse Treatment Clinical Trials Network (CTN) promotes evidence-based drug abuse prevention and treatment services through continued participation in the CTN. The Node 1) designs and implements clinical trials of evidence-based treatments of addiction through rapid recruitment of diverse study participants in partnership with NIDA and the CTN, 2) generates peer-reviewed publications in collaboration with treatment providers and other nodes, and 3) uses the CTN as a platform for training, dissemination, and research applications.

- *Grantee: University of California, San Francisco*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Institute of Health/National Institute on Drug Abuse*
- *Principal Investigator: James Sorensen, PhD*
- *OCHIN Site Investigator: John Muench, MD, MPH, and Steffani Bailey, PhD*

CV Wizard

09/01/2015 – 08/31/2020

OCHIN is building a set of decision support tools to identify a patient's uncontrolled CVD risk factors, prioritize them based on potential cardiovascular disease (CVD) risk reduction, and provide individualized, guideline-based treatment recommendations for each risk factor. CV Wizard is an OCHIN quality improvement initiative to help clinic care teams implement these decision support tools.

- *Grantee: Kaiser Permanente Center for Health Research*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Heart, Lung, and Blood Institute*
- *Principal Investigator: Rachel Gold, PhD, MPH*
- *OCHIN Site Investigator: John Heintzman, MD*
- *Grant Number: R01 HL133793*

Elevating Patient Voices: Exploring DIPEX in a Community Health Center Research Network (DIPEX)

05/01/2016 – 04/30/2017

Patient experience is a cornerstone of patient-centered outcomes research. Patient experience is a cornerstone of patient-centered outcomes research. Ensuring that patients as well as their families, health care professionals, and health care policymakers have appropriate information to make informed health care and policy decisions is a central goal of comparative effectiveness research (CER) and patient-centered outcomes research (PCOR). The Database of Individual Patients Experience (DIPEX) is an innovative, evidence-based approach for understanding health experience that could be leveraged to engage a broader range of patients to inform the development of PCOR. This study will evaluate the feasibility of implementing the DIPEX methodology within the Community Applied Research Network (CHARN), a network of four federally supported community health centers created to build capacity for conducting CER and PCOR in safety net populations.

- *Grantee: OCHIN, Inc.*
- *Sub-recipient: Association of Asian Pacific Community Health Organizations (AAPCHO)*

- *Funding Agency: Agency for Healthcare Research and Quality (AHRQ)*
- *Principal Investigator: Erika Cottrell, PhD, MPP*
- *Grant Number: 1 R03 HS024609-01*

Evaluating Community Health Centers Adoption of a New Global Capitation Payment (eChange)

07/10/2015 – 05/31/2019

The common practice of reimbursing primary care providers through a fee-for-service model hampers efforts to develop patient-centered medical homes: it rewards a high volume of face-to-face clinic visits, which does not necessarily lead to value, quality, and patient-centered care. This is especially problematic in Community Health Centers (CHCs), which are currently paid based on the Prospective Payment System (PPS) rate, a fee-for-service model. To reform this payment model in CHCs, Oregon developed an Alternative Payment Methodology (APM) that converts PPS (Medicaid revenue) to a prospective, capitated per-member per-month rate. This study will assess pre-post APM changes in internal and external services utilization and quality of clinical care delivered in intervention sites, as compared with control sites. It will also look at overall costs to the Medicaid program among patients at these sites and study the change processes associated with APM implementation, including the organizational, workflow, and service delivery changes made in the CHCs during and after APM implementation.

- *Grantee: Oregon Health & Science University*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: Robert Wood Johnson Foundation/Agency for Healthcare Research & Quality*
- *Principal Investigator: Jennifer DeVoe, MD, DPhil*
- *OCHIN Site Investigator: Erika Cottrell, PhD, MPP*
- *Grant Number: R01HS022651*

Genetic Understanding in Diverse Environments (GUIDE)

05/31/2016 – TBD

OCHIN has partnered with Kaiser Permanente to conduct this research, which is part of a national initiative to understand the application of genomic sequencing to patient care. We will conduct interviews and focus groups to explore patients' and clinicians' perceptions, needs, and preferences regarding genetic services for underserved populations.

- *Grantee: Kaiser Permanente*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Institutes of Health/ National Human Genome Research*
- *Principal Investigator: Katrina Goddard, PhD*
- *OCHIN Site Investigator: Erika Cottrell, PhD, MPP*
- *Grant Number: UM1HG007292-0351*

The Impact of Patient Complexity on Healthcare Performance (Health Systems Demonstration)

09/01/2016 – 08/31/2017

This study will conduct a demonstration project that utilizes linked Social Determinants of Health (SDH), clinical, and claims data from the ADVANCE and OneFlorida enhanced common data models. Specifically, we will explore the impact of adding important data on social complexity to two different, validated measures of clinical comorbidity to evaluate whether accounting for social complexity increases the proportion of variance in utilization (e.g., patient ED visit rates, preventable hospital admission) and quality of care measures (e.g., receipt of recommended preventive services) compared with accounting for clinical comorbidities alone. We will identify key SDH variables that explain the greatest amount of variance in outcomes and test a generalized Social Deprivation Index (SDI), validated for prediction of population health outcomes and access, for correlation with patient preventive service and utilization rates. We will then assess the impact of a high social-clinical complexity score on health system care quality (e.g., summary measures of preventive and disease specific care delivery, rates of ED use, preventable hospital admissions).

- *Grantee: ADVANCE*
- *Sub-recipient: OneFlorida*
- *Funding Agency: PCORI*
- *Principal Investigator: Abby Sears*
- *OCHIN Site Investigator: Erika Cottrell, PhD, MPP*
- *Grant Number: HSD-1603-34987*

Impacts of a State Medicaid Reform Model to Reduce Disparities

08/01/2016 – 08/31/2020

Assessing the effects of Oregon's CCO model on reducing disparities among three populations - socioeconomically disadvantaged individuals, racial and ethnic minorities, and residents of rural areas.

- *Grantee: Kenneth John McConnell, PhD*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Institute on Minority Health and Health Disparities (NIH)*
- *Principal Investigator: Kenneth John McConnell, PhD*
- *OCHIN Site Investigator: Lewis Raynor, PhD, MS, MPH*
- *Grant Number: 1R01MD011212-01*

Innovative Methods for Parents and Clinics to Create Tools for Kids Care (IMPACCT)

03/01/2013 – 02/29/2017

Stable health insurance is necessary for children to access needed health care. Yet, despite expansions in public insurance, many children remain uninsured or experience gaps in coverage. Parents report barriers to accessing public coverage including re-enrollment requirements and uncertainty about eligibility. Community health centers (CHCs) provide primary care services to many children at risk for uninsurance, and are well-positioned to help families obtain and retain children's coverage. Recent advances in CHCs' information technology (IT) capabilities provide the means to implement and comparatively test IT tools that enhance CHCs' insurance outreach efforts.

- *Grantee: OCHIN, Inc.*
- *Funding Agency: Patient-Centered Outcomes Research Institute*
- *Principal Investigator: Jennifer DeVoe, MD, DPhil*
- *Grant Number: PFA Cycle I Contract (2012)*

Meaningful Use and Treatment of Smoking in Federally-Qualified Health Centers

12/01/2014 – 11/30/2019

This study examines the impact of implementation of Stage 1 MU program on the screening and treatment of smoking among adults using linked EHR from a network of community health centers (CHCs). Most CHC patients are uninsured or Medicaid recipients, have incomes below the FPL, and have disproportionately high rate of smoking compared to patients seen in private primary care clinics.

- *Grantee: Oregon Health & Science University*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Institute on Drug Abuse*
- *Principal Investigator: Steffani Bailey, PhD*
- *OCHIN Site Investigator: Jon Puro, MPH/HA*
- *Grant Number: K23 DA037453*

Remote Supervision for Implementing Collaborative Care for Perinatal Depression (MIND-I)

01/01/2016 – 12/31/2020

Depression is a common and serious disorder among pregnant women, but few from low income groups receive effective treatment. The highly evidence-based collaborative care model for depression has been shown

to work for women in pregnancy but has not been widely implemented, particularly in care settings that serve vulnerable populations. We will conduct a prospective, pragmatic, cluster-randomized trial to assess the implementation, clinical outcomes, and cost-effectiveness of the Longitudinal Remote Consultation implementation strategy for collaborative care of perinatal depression in OCHIN member sites.

- *Grantee: University of Washington*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Institutes of Health/National Institute of Mental Health*
- *Principal Investigator: Ian Bennett, MD, PhD*
- *OCHIN Site Investigator: Rachel Gold, PhD, MPH*
- *Grant Number: R01MH108548-01*

Implementing Personal Health Records to Promote Evidence-Based Cancer Screening (MyPreventativeCare)

09/04/2013 – 09/03/2018

This randomized controlled trial will compare the effectiveness of assisting practices to implement a Personal Health Records (PHRs) with higher functionality versus using a PHR with traditional functionality. PHRs with higher functionality will provide 5 levels of functionality: (1) collecting patient information, (2) integrating with electronic medical records (EMR), (3) translating information into lay language, (4) providing individualized, guideline-based clinical recommendations, and (5) facilitating patient action.

- *Grantee: Virginia Commonwealth University*
- *Sub-recipient: OCHIN, Inc.*

- *Funding Agency: National Institutes of Health/National Cancer Institute*
- *Principal Investigator: Alexander Krist, MD, MPH*
- *OCHIN Site Investigator: Jennifer DeVoe, MD, DPhil*
- *Grant Number: R01CA168795-01A1*

Post Affordable Care Act: Evaluation of Community Health Centers (PACE)

09/30/2015 – 09/29/2017

The Supreme Court decision that enabled states to opt out of the Affordable Care Act (ACA)-sponsored Medicaid expansions provides a unique opportunity to assess the impact of Medicaid expansion on access to and utilization of healthcare services within expansion states and to compare expansion and non-expansion states. As little is yet known about the impact of ACA Medicaid expansions, this study will compare pre-post access to and receipt of healthcare services and Medicaid expenditures within community health clinics (CHCs) in states that did and did not expand Medicaid; examine pre-post utilization of CHC services by newly insured compared to already insured and uninsured patients in expansion states; and measure pre-post changes in the overall utilization of healthcare services and Medicaid expenditures among newly insured individuals versus those already insured in Oregon.

- *Grantee: Oregon Health & Science University*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: Agency for Healthcare Research & Quality*
- *Principal Investigator: Jennifer DeVoe, MD, DPhil*
- *OCHIN Site Investigator: Lewis Raynor, PhD, MS, MPH*
- *Grant Number: R01HS024270*

Short and Long-Term Effects of Antibiotics on Childhood Growth (PCORnet Obesity Observational Study)

02/01/2016 – 01/31/2018

The chief objectives are to assess the comparative effects of different types, timing, and amount of antibiotic use in the first 2 years of life with (Aim 1) body mass index (BMI) and obesity at ages 5 and 10 years and (Aim 2) growth trajectories to age 5 years. In Aim 3, we will examine effect modification according to several a priori specified socio-demographic, clinical, and maternal variables. Using individual patient-level data on the whole study population, we will evaluate the distributed data systems. Further, within subgroups of the study population with appropriate data, we will explore the extent to which observed associations are confounded by maternal and perinatal characteristics, and the extent to which using dispensing instead of prescribing data for medication use alters the findings.

- *Grantee: OCHIN, Inc.*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: PCORI*
- *Principal Investigator: Jason Block, MD, MPH*
- *OCHIN Site Investigator: Janne Boone-Heinonen, PhD, MPH*
- *Grant Number: OBS-1505-30699*

Post ACA Reform: Evaluation of Community Health Center Care for Diabetes (PREVENT-D)

09/30/2015 – 09/29/2020

Little is known about the impact of Affordable Care Act (ACA) Medicaid expansion on health care access and services for patients at risk for diabetes mellitus (DM) or diagnosed with DM. As many persons affected by both DM and the ACA Medicaid expansions receive primary care in safety net community health centers (CHCs), this study will compare pre-post access to and receipt of health care services and Medicaid expenditures within CHCs in states that did and did not expand Medicaid; compare pre-post receipt of primary and secondary DM preventive services in expansion versus non-expansion states; compare pre-post changes in DM-related biomarkers among the newly insured compared to already insured and uninsured patients in expansion states; and measure pre-post changes in Medicaid expenditures among newly insured compared to those already insured in Oregon.

- *Grantee: Oregon Health & Science University*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: Center for Disease Control and Prevention/National Institute of Diabetes and Digestive and Kidney Diseases*
- *Principal Investigator: Jennifer DeVoe, MD, DPhil*
- *OCHIN Site Investigator: Lewis Raynor, PhD, MS, MPH*
- *Grant Number: U18 DP006116*

Understanding Disparities in Preventive Services for Patients with Mental Illness - Prevention and Risk in Mental Health (PRIME)

09/30/2012 – 08/31/2017

The goal of this study is to identify modifiable factors that affect preventive service use among people with serious mental illnesses. The study will seek to understand the underlying factors at the patient, provider and clinic level that may affect preventive service provision as well as to identify the extent in which people with serious mental illnesses receive age and gender-appropriate preventive services in OCHIN and Kaiser setting.

- *Grantee: Kaiser Permanente Northwest Center for Health Research*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Institutes of Health/National Institute of Mental Health*
- *Principal Investigator: Carla A. Green, PhD, MPH*
- *OCHIN Site Investigator: Christine Nelson, RN, PhD*
- *Grant Number: 1R01MH087505-01A1*

Understanding Family Economic Impact of Chronic Child Health Conditions (r-kids)

07/01/2016 - 06/30/2020

Families bringing up a child with autism face major costs, including expenses for medical and other services. In addition, parents or guardians must often spend time managing the child's condition and coordinating services, which may mean they work less. Research to date on the cost of Autism Spectrum Disorder (ASD) in the U.S. has focused on direct health-care costs to health systems and most studies have ignored costs from the family perspective. This study will address this important knowledge gap by comprehensively estimating financial costs (e.g., out of pocket expenditures), time costs (e.g., time spent coordinating

care), and employment costs (e.g., missed time from work) incurred by families of children with ASD, and comparing it to similar costs incurred by families of children with asthma (ATA) and families of children with no significant health conditions (NSH). In addition, this study will explore how family costs differ by age and severity of health condition, and investigate socioeconomic and health-related factors that may moderate the impact of ASD on family costs.

- *Grantee: Kaiser Permanente Northwest - Center for Health Research (CHR)*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Institutes of Mental Health*
- *Principal Investigator: Frances Lynch, PhD, MSPH*
- *OCHIN Site Investigator: Brigit Hatch, MD, MPH*
- *Grant Number: R01CA164128-01A1*

Practices Enabling Implementation and Adaption in the safety NET (SPREAD-NET)

05/15/2014 - 04/30/2019

The “Study of Practices Enabling Implementation and Adaptation in the Safety Net (SPREAD-NET)” trial compares the effectiveness of different implementation support strategies for helping Community Health Centers (CHCs) implement the OCHIN Cardiovascular Disease and Risk Management bundle (CVD Bundle), a QI initiative designed to increase guideline concordant prescribing of cardio-protective medications among patients with diabetes mellitus (DM), hypertension (HTN), and atherosclerotic cardiovascular disease (ASCVD). The aims of SPREAD-NET are to: 1) Compare the effectiveness of the three strategies (low, medium, high intensity) at supporting CHCs’ implementation of the ALL intervention, through a cluster-randomized trial; 2) Assess how effectively the three strategies support intervention sustainability at 12, 24, and 36, months post-implementation, measured as maintenance of change over time; and 3) Identify clinic characteristics associated with the support strategies’ effectiveness (e.g. decision-making structures, leadership support, team processes/characteristics, readiness and capacity for change.)

- *Grantee: Kaiser Permanente Northwest - Center for Health Research (CHR)*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Heart, Lung, and Blood Institute*
- *Principal Investigator: Rachel Gold, PhD, MPH*
- *OCHIN Site Investigator: Stuart Cowburn*
- *Grant Number: R01HL120894*

Strategies and Opportunities to Stop Colon Cancer in Priority Populations (STOP CRC Phase 2)

01/01/2014 – 12/31/2017

Colorectal cancer (CRC) is the second-leading cause of cancer death in the United States. Rates of CRC screening are extremely low in patients at Federally Qualified Health Centers (FQHCs), which serve nearly 19 million patients annually. We will test an intervention to improve rates of CRC screening in a group of FQHCs. We intend for our program to be a model for other FQHCs and health systems.

- *Grantee: Kaiser Permanente Center for Health Research*
- *Sub-recipient: OCHIN, Inc.*
- *Funding Agency: National Institutes of Health*

- *Principal Investigator: Gloria Coronado, PhD*
- *OCHIN Site Investigator: Jennifer DeVoe, MD, DPhil*
- *Grant Number: UH3 AT007782*