



THE OHIO STATE UNIVERSITY

CENTER FOR HEALTH OUTCOMES,
POLICY AND EVALUATION STUDIES

ANNUAL REPORT

January 1, 2019 – December 31, 2019

Center for HOPES

The Ohio State University College of Public Health

2019 - THE YEAR IN REVIEW

In its second year under Director, Dr. Eric Seiber, the Center for Health Outcomes, Policy, and Evaluation Studies (Center for HOPES) has continued the forward trajectory started during calendar year 2018. The addition of two (2) doctorally prepared researchers have expanded the Center's capacity. The scope of policy areas addressed by the Center for HOPES broadened to include opiate abuse and treatment, with HOPES leading the Health Economics of Ohio's \$68 million Health Communities Study awarded by NIDA/SASMHA. HOPES also added new projects this year relating to prescription drug misuse and abuse prevention, contraceptive and reproductive health policy, and global health evaluation and monitoring. In addition, the Center for HOPES supported academic inquiry by involving students in research and developing a seminar series focused upon the social determinants of health.

The Center for HOPES pursued over **14** projects (Appendix I) during the past calendar year, collaborating with entities both internal and external to the University. In addition to new projects, the Center executed support contracts with three entities (two internal to OSU and one external) to provide epidemiological or program evaluation support services.



In the year ahead, the Center for HOPES will continue to expand its portfolio by reaching out to health services policy makers and researchers in the private & public sectors throughout Ohio. The Center will further develop its website and outreach efforts, redefine its affiliated faculty structure, add additional research staff, and continue

to evolve as the main resource center for health policy at The Ohio State University.

MISSION STATEMENT

The Center for HOPES's **mission** is to collaborate with OSU researchers and community partners to conduct rigorous, policy-relevant research. We leverage advances in data science with knowledge of health policy and the health care system to address complex health and health care problems, including integrating social needs within the health care system. HOPES is the community's partner and OSU's home for health policy and health services research. We provide evidence for policies and programs that work to improve health equity.

Our **vision** is for health policies to integrate population health as well as equitable and efficient distribution of health care in Ohio, the U.S., and worldwide.

HISTORY

The Center for HOPES was established in 1994 to respond to the needs of health care policy decision-makers at local, state, and national levels. The Center for HOPES, which is located at OSU's College of Public Health, conducts applied health services research studies to help public and private organizations evaluate clinical effectiveness, quality of care, costs of medical services, process flow in health care institutions, and other investigations in the areas of health outcomes, policy, and evaluation. Our work has a direct and strong impact on health care and health policy in both the private and public sectors at the local, state, and national levels.

SERVICES

- Cost-effectiveness analysis
- Program evaluation
- Health policy analysis
- Health services research

CONSTITUENCIES SERVED

- State and local governments
- Federal agencies
- Health care delivery systems
- Nonprofit organization and foundations
- OSU Colleges and OSUWMC

CENTER OPERATIONS

Professional Resources

During the past calendar year, the Center for HOPES has continued to develop its professional resources through strategic partnerships with two Divisions within the College of Public Health. Specifically, the Center hired Dr. Kristin Harlow who is partially supported through the Division of Biostatistics as well as Dr. Wilson Figueroa who is partially supported through the Division of Health Services Management & Policy.

In the coming year the we will continue to assess our projected staffing demands and proactively build a Center staff that can efficiently respond to the Center's expanding research and evaluation portfolio.

Center Director Eric Seiber, PhD

Eric Seiber is Director of the Center for Health Outcomes and Policy Evaluation Studies. He joined the College of Public Health in 2007 and is currently a professor in the division of Health Services Management and Policy. Dr. Seiber is an expert in the areas of health economics and health policy. He specializes in health care financing, especially for vulnerable populations, public and private insurance markets, and cost-effectiveness analysis.

Policy Analyst/Consulting Statistician Kristin Harlow, PhD, JD, MSW

Kristin serves as policy analyst and senior consulting research statistician for the Center for Health Outcomes, Policy, & Evaluation Studies (HOPES). She brings expertise in public policy and management, data analytics, and applied policy research to the HOPES team. Kristin

previously worked as a research associate at CHRR at OSU focusing on workforce research, and as a health care attorney in private practice.

Research Specialist/Senior Consulting Statistician Saira Nawaz, PhD, MPH

Saira serves as the research specialist for the Center for Health Outcomes, Policy, & Evaluation Studies (HOPES). She provides methodological support in claims research, evaluation and cost analysis for center-specific projects. Saira previously worked as a biostatistician at Nationwide Children's Hospital and as an evaluation specialist at the Centers for Disease Control and Prevention (CDC) in Atlanta.

Research Specialist/Program Evaluator Lauren Phelps, MPA

Lauren is a Research Specialist at the Center for HOPES. Ms. Phelps has over twenty years of experience developing, implementing, or evaluating health care programs in the public, private, and academic sectors. She also serves as the Program Manager for the NIH-funded TEAM project for the Center for the Advancement of Team Science, Analytics, and Systems Thinking (CATALYST) within the OSU College of Medicine.

Research Associate Wilson Figueroa, PhD, MS

Wilson serves as a research associate for the Center for Health Outcomes, Policy, & Evaluation Studies (HOPES). He brings expertise in health psychology, social science research design, and data analytics to the HOPES team. Wilson previously worked as a research associate at the School of Health and Rehabilitation Sciences in the College of Medicine and Department of Extension in the College of Food, Agriculture, and Environmental Sciences at OSU.

Senior Program Manager Anne Trinh, MPH

Anne has over 15 years of experience in public health practice and research in different settings, including local and Tribal governments as well as universities. She is a trained epidemiologist and has spent the last 7 years as a maternal and child health specialist for Columbus

Public Health, providing guidance and support for partners working to reduce Franklin County's infant mortality rate. She is interested in translational science, health equity and policy, the social determinants of health, and place-based public health prevention.

Program Coordinator Barbara Wohlever

Barb serves as the program coordinator supporting both the Center for Public Health Practice (CPHP) and the Center for Health Outcomes, Policy, & Evaluation Studies (HOPES). She assists with the coordination of center projects, budgets, contract processing, event registration, service promotion communications, and reimbursement request processing. Barb previously worked as the business manager for the Statistical Consulting Service within the department of Statistics. Prior to coming onboard with OSU in 2013, Barb taught accounting courses and worked as an administrative manager in local CPA firms.

STUDENT INVOLVEMENT

Center research and evaluation activities offer graduate students an opportunity to collaborate on projects that complement their fields of study. Students learn practical skills related to problem study design, project implementation, and research dissemination through their work with faculty and staff. In the past year, students have been involved with the following projects:

- Generation Rx
- Healthy Communities Study.

CONTRACTS

During CY 2019, the Center for HOPES executed service contracts with the following entities:

Entity	Timeframe	Service
Delaware City Health Department	8/2019 – 8/2020	Epidemiological Support
College of Pharmacy - GenRx	10/2019 – 9/2021	Program evaluation
New for 2020		
GOHi	1/2020 – 3/2020	Program evaluation

RESEARCH AND EVALUATION PROJECTS - 2019

The Center for HOPES conducts studies in the areas of health services research, outcomes measurement, health economics, survey research, healthcare improvement, program evaluation, comparative effectiveness research, and health policy analysis. Our studies are performed by doctoral trained faculty and researchers affiliated with the Ohio State University, along with specialized research personnel with expertise in the areas required to meet specific project needs.

Evaluation of Local Public Health Accreditation Support Project

The Ohio State University Center for Public Health Practice (CPHP) is working with the Ohio Department of Health (ODH) to support local public health accreditation and public health service delivery across the state. The Center for HOPES is conducting an evaluation of CPHP's training and technical assistance services. This is a mixed-methods evaluation using both quantitative and qualitative data. CPHP will use results to make improvements to processes and service delivery. The Center for HOPES provided analytical support throughout the project conducting quantitative and qualitative analyses for required report documents. Collaborating partners included the Center for Public Health Practice.

Generation Rx Program Evaluation

The Generation Rx program (GenRx) educates people of all ages about the potential dangers of misusing prescription medications. In doing so, they strive to enhance medication safety among our youth, college students, other adults in our communities, and seniors. Faculty from the OSU College of Pharmacy contracted with the Center for HOPES to provide program evaluation technical assistance, to conduct a rigorous program evaluation leading to the establishment of GenRx as an evidence-based practice, and to develop and implement an evaluation learning collaborative for their state partners. As part of this effort, HOPES evaluators provided on-site evaluation support to prevention specialists in Louisiana implementing GenRx (November 2019). Collaborating partners included the OSU College of Pharmacy.

HEALing Communities Study

The National Institutes of Health funded a four-state research study, which includes Ohio, to test the impact of an integrated set of evidence-based interventions across health care, behavioral health, justice, and other community-based settings. The goal is to treat opioid misuse and opioid use disorder (OUD) within highly affected communities in four states and reduce opioid related deaths by 40 percent over three years. The Center for HOPES is heading the Health Economics core for Ohio's HEALing Communities Study project, coordinating a cost-effectiveness analysis for Ohio's community engagement, evidence-based practice interventions, and communications strategies. Collaborating partners include OSUMC; many Ohio, New York, and Massachusetts-based universities; Research Triangle Institute; and National Institute on Drug Abuse.

Marion County Collective Impact Evaluation

The Collective Impact approach is an appropriate response for tackling complex social problems – the types of problems that have multiple layers of stakeholders, all with different perspectives and disagreement about the causes and best solutions. The team evaluated collaborative functions using Partner Tool (Program to Analyze, Record, and Track Networks to Enhance Relationships) and by conducting a Collective Impact Readiness & Implementation Assessment. Collaborating partners included the Center for Public Health Practice and OSU Extension Marion County on this project.

Ohio Medicaid Assessment Survey Series

The Ohio Medicaid Assessment Survey (OMAS) is an Ohio-specific assessment that provides health care access, utilization, and health status information about residential Ohioans at the state, regional and county levels, with a concentration on Ohio's Medicaid, Medicaid-eligible, and non-Medicaid populations. The OMAS mission is to assist the efficient and effective administration of Ohio's Medicaid program.

The main topics for OMAS are health care access, health care utilization, insurance status, chronic and acute health conditions,

mental health, health risk behaviors, and health demographics such as employment, income, and socioeconomic indicators. These topics assist the Ohio Department of Medicaid and other health-associated state and local agencies in identifying health services and system gaps and assist in developing strategies for improving health services to Ohio's population.

Dr. Seiber serves as the Academic Lead on the evaluation of the Ohio Department of Medicaid's the Section 1115 employment waiver (the OMCEE project) and as the health economics lead for the primary OMAS survey.

PROSPER

PROSPER is an evidence-based delivery system facilitating sustained, quality delivery of evidence-based education programs. PROSPER has never been implemented in Ohio nor in an urban setting elsewhere in the US. The Center for HOPES is partnering with CPHP to evaluate the implementation of PROSPER in Ohio and in an urban setting and study the short and intermediate impact of the delivery system on Columbus' youth. The scientific aim is to assess the impact of PROSPER and its associated programs (SFP and LS) on participating youth and compare those results to youth not receiving programming. Collaborating partners included the Center for Public Health Practice, and the College of Education and human Ecology.

State Profile of Contraceptive Use and Access

The Ohio Policy Evaluation Network (OPEN) conducts rigorous and forward-thinking social-science research on the reproductive health of Ohioans. OPEN's goal is to evaluate the reproductive health care landscape of Ohio in the context of federal and state laws, regulations, and policies. The mission of OPEN is to produce valuable and timely evidence for public policy makers. We aim to support more equitable access to quality reproductive health care in Ohio.

The Center for HOPES is leading the development of a state profile of contraceptive access in Ohio, such that stakeholders can understand

contraceptive use patterns, gaps in coverage, and changes over time among a range of potential contraceptive users.

Our interdisciplinary team includes faculty, students, and staff from The Ohio State University, the University of Cincinnati, CareSource, Community Solutions, and the LARC Access group.

OUTREACH

During the past calendar year, the Center for HOPES has engaged in several activities with the purpose of updating and clarifying the Center's roles and resources as well as elevating the Center's profile within and outside the University environment.

Center for HOPES website

The Center for HOPES website (u.osu.edu/hopes) serves as a point of access for those outside the University to become aware of the Center's work and services. The site has been revamped over the past calendar year to include more up to date project examples, service listing, and project staff descriptions. It also highlights the dates and topics for the HOPES Speaker Series.

HOPES SPEAKER SERIES

In the past year, the Center has developed and implemented a Speaker Series to bring together faculty and research staff throughout the University and the OSU Wexner Medical Center to learn about issues impacting population health.

The initial series focuses upon Social Determinants of Health and is comprised of speakers from The John Glenn College of Public Affairs, The Knowlton School of Architecture, Nationwide Children's Hospital, and the Department of Sociology.

MOVING FORWARD

HOPES will continue to collaborate with OSU researchers and community partners to study health-related policies and programs that

improve health equity. The Center for HOPES strives to serve as the primary resource for Health Policy at The Ohio State University.

Goals for the coming calendar year include:

- Develop an externally facing work-product (OPEN dashboard)
- Conduct a webinar series about integrated models of care for women with substance use disorder
- Develop affiliated faculty
- Obtain additional grant/other external funding sources
- Develop strong community partners
- Continue research dissemination efforts through peer-reviewed publications, abstract submissions and presentations.

APPENDIX I - RESEARCH PROPOSALS

During the past calendar year, Center for HOPES staff have collaborated with internal and external partners in the submission of grant or contract proposals. A summary is delineated below:

Project Title	Sponsor	Partners
Tobacco Surcharge	ACS	University of Kentucky
Effective Strategies for Opioid Overdose Prevention	CDC	Ohio Department of Health, Bright View
Chronic Disease Management and Prevention Evaluation	ODH	Strategic Research Group
Read It Again - PreK Scale Up	USDE	Crane Center (Early Education)
GenerationRx Evaluation	Pew Trust	College of Pharmacy
Evaluation of POWER Project	Pew Trust	Franklin County's Office of Justice Policy and Programs
HIV Quality Innovations Program Evaluation	ODH	
Health Optimization Medical Electronics (HOME): Wellness Project	NIDDILR	Nisonger Center
Improving and Increasing Adolescent Well Visits Policy & Brief	ODH	
GPRA Training & Reporting	OhioMHAS	Strategic Research Group
Medicaid and Social Determinants of Health (HUBs)	RWJF	Healthcare Collaborative of Greater Columbus
Tobacco 21: Evaluation Impact in Southwest Ohio	Interact for Health	
Nursing Refugee Agriculture & Development Garden	Foundation	College of Nursing
Sociodemographic Profiling/High risk populations for opioid overdose deaths	Third Frontier	Lake County Public Health, CPHP

Center for HOPES staff are currently working on research proposals related to:

Project Title	Sponsor
State Profile for Contraception Access and Utilization in Ohio	OPEN -Foundation
Impacts of Ohio TRAP Laws	OPEN - Foundation
Contraceptive Preferences	OPEN -Foundation
Opioid data project	Franklin County's Office of Justice Policy and Programs
Estimating the deterrent effects and healthcare savings from opioid fraud enforcement	NIJ
Economic evaluation of Dietary Counseling Program	USDA

APPENDIX II - RESEARCH DISSEMINATION

ABSTRACTS

2019 Submissions:

Center for HOPES staff have been involved in the submission of various abstracts during the past calendar year, they include:

Organization	Topic	Format
APHA	Marion County Collective Impact	Poster

Upcoming Submissions:

Center for HOPES staff are currently drafting abstracts for the following upcoming abstract submission dates:

Organization	Topic	Format
APHA	Accreditation Technical Assistance and PHAB application submission progress	Caucus
APHA	PROSPER: Baseline data analysis	Poster
APHA	PROSPER: Methods Overview	Presentation
AEA	GenerationRx Evaluation – Baseline Data Analysis & Findings	Poster or Presentation

PUBLICATIONS

Center for HOPES staff have co-authored several project-based reports and publications during the last calendar year, these include:

- Community Health Improvement plan (CHIP) Technical Assistance Evaluation Report
- PHAB Accreditation Technical Assistance Evaluation Reports (five separate reports)
- PHAB Accreditation Coordinator Key Informant Interview Evaluation Report
- PHAB Accreditation Workforce Development Planning Series Evaluation Report
- Collective Impact Readiness and Implementation Assessment Report