



THE OHIO STATE
UNIVERSITY

WEXNER MEDICAL CENTER



Ohio Colleges of Medicine
Government Resource Center

Smoke-Free Families Quality Improvement (QI) Project

September 2nd, 2014

Ohio Collaborative to Prevent Infant Mortality

Lorin Ranbom, Director,
Ohio Colleges of Medicine
Government Resource Center (GRC)

Allison Lorenz, QI Program Specialist, GRC

Meredith Cameron, Project Manager, GRC



Ohio Partners for
Smoke Free Families





THE OHIO STATE
UNIVERSITY

WEXNER MEDICAL CENTER



Ohio Colleges of Medicine
Government Resource Center

Agenda

- Ohio Colleges of Medicine Government Resource Center (GRC) Overview
- Smoke-Free Families (SFF) QI Project Background
- Institute for Healthcare Improvement (IHI) Model for Improvement Overview
- SFF Project Details
- Questions



**THE OHIO STATE
UNIVERSITY**

WEXNER MEDICAL CENTER



Ohio Colleges of Medicine
Government Resource Center

GRC Overview

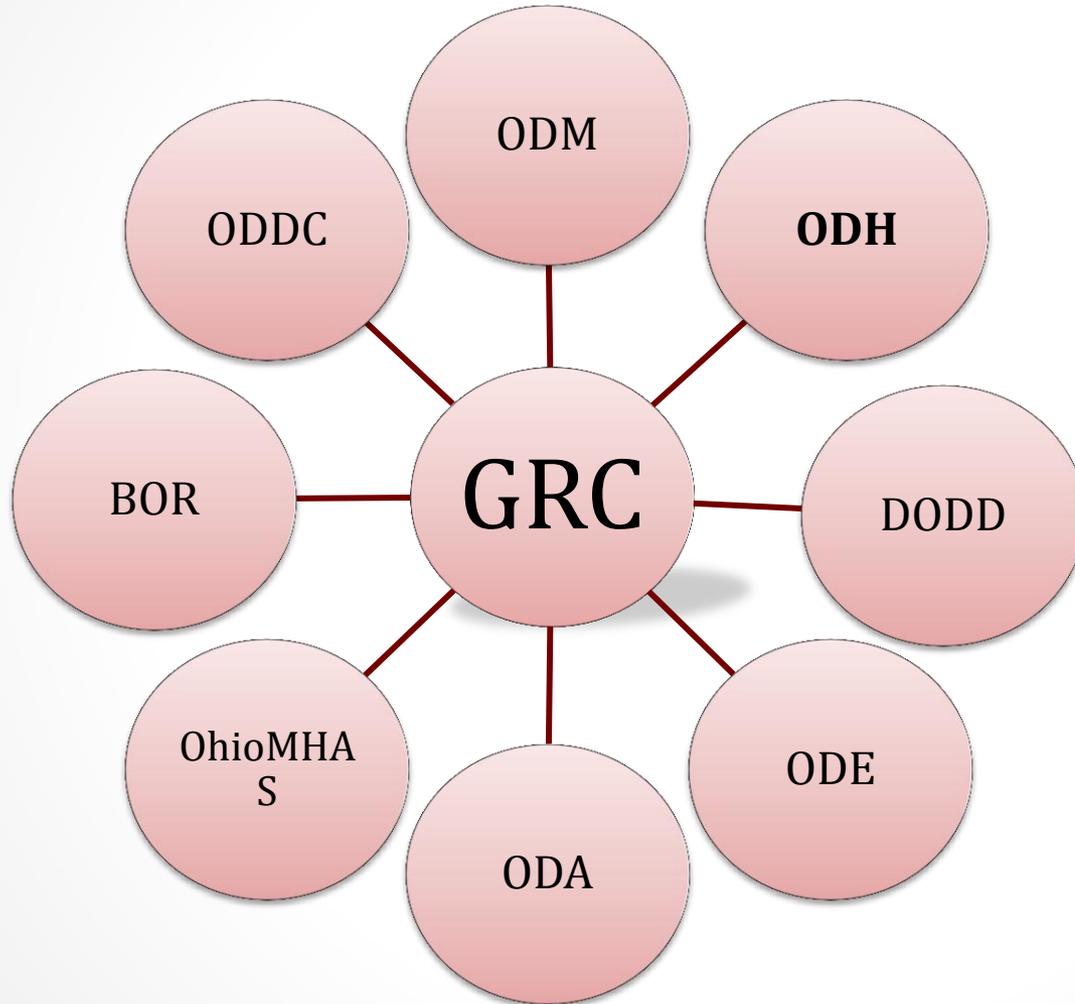
Lorin Ranbom, Director, GRC



GRC

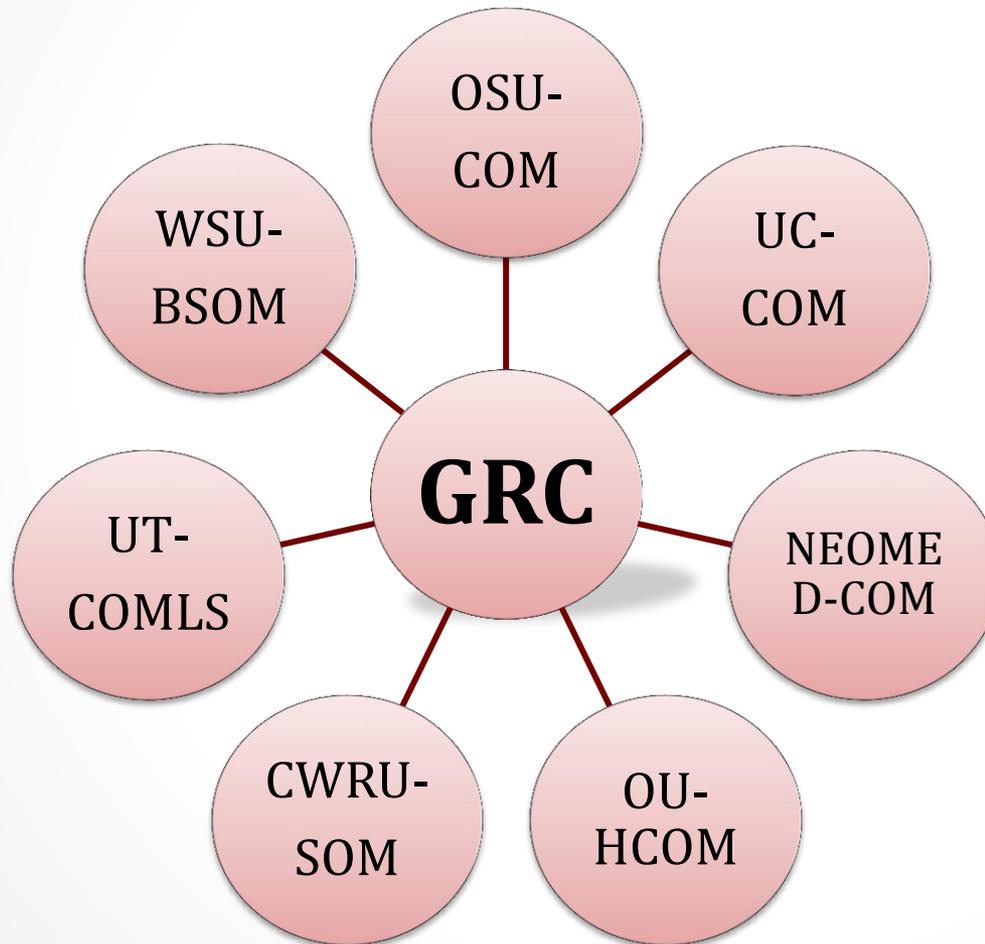
- A public university-based center for health policy, research, and technical assistance
- Housed at the Ohio State University Wexner Medical Center and partially sponsored by the Ohio Council of Medical Deans
- Serves state and local government agencies and private sponsors that provide, purchase, and regulate health services

State Agency Sponsors



1. Ohio Department of Medicaid (ODM)
2. Ohio Department of Health (ODH)
3. Ohio Department of Developmental Disabilities (DODD)
4. Ohio Department of Education (ODE)
5. Ohio Department of Aging (ODA)
6. Ohio Department of Mental Health and Addiction Services (OhioMHAS)
7. Ohio Board of Regents (BOR)
8. Ohio Developmental Disabilities Council (ODDC)

Academic Medicine Sponsors



1. The Ohio State University-College of Medicine (OSU-COM)
2. The University of Cincinnati-College of Medicine (UC-COM)
3. Northeast Ohio Medical University-College of Medicine (NEOMED-COM)
4. Ohio University-Heritage College of Osteopathic Medicine (OU-HCOM)
5. Case Western Reserve University-School of Medicine (CWRU-SOM)
6. The University of Toledo-College of Medicine and Life Sciences (UT-COMLS)
7. Wright State University-Boonshoft School of Medicine (WSU-BSOM)

Staff

- GRC contains a diverse staff expertise, including:
 - Health and Human Services Research
 - State and Local Government Policy Development
 - Healthcare Quality Improvement
 - Behavioral Health Services Research
 - Statistical Data Analysis Experience

Services

- Expert faculty and staff linkage with health and human service policymakers
- Applied health and health services research, evaluation, and quality improvement expertise
- Data system management, data analytics, and training in analysis of administrative data
- Survey Design, management, and evaluation
- Project development, management, and administration

GRC Expertise - 5 Domains

- 1 Workforce Development
- 2 Maternal & Child Health Quality Improvement
- 3 Health Services Research & Data Analysis
- 4 Special Populations
- 5 Integrated Physical & Behavioral Health

Infant Mortality Projects

- Best Evidence for Advancing Child Health in Ohio NOW! (BEACON) Neonatal Abstinence Syndrome
- BEACON Progesterone
- BEACON Perinatal
 - 39-weeks
 - Human Milk
 - Antenatal Corticosteroids
 - Catheter Care Maintenance Bundle
- Gestational Diabetes (GDM) Postpartum Care Learning Collaborative
- Smoke Free Families (SFF)
- Maternal Opiate Medical Supports (MOMS)
- Strong Start Ohio
- Improving Neonatal Intensive Care Unit (NICU) Transitions
- Impact of ACA on Women of Reproductive Age

Smoke-Free Families (SFF) QI Project

Allison Lorenz, MPA
Quality Improvement Program Specialist, GRC

Project Background

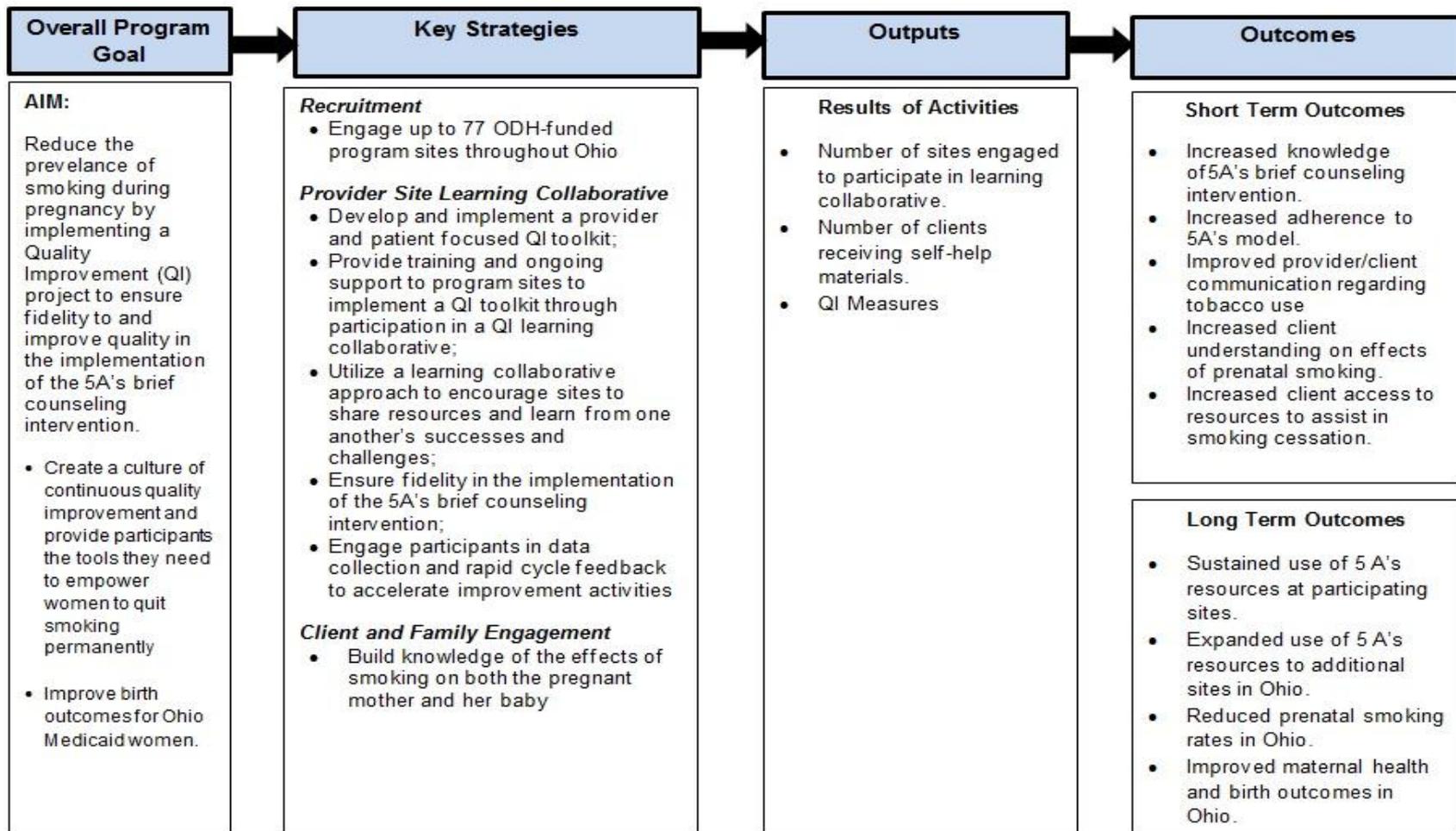
Purpose: Reduce the use of tobacco during pregnancy by implementing a quality improvement (QI) project to ensure fidelity and improve quality in the implementation of the 5A's brief counseling intervention.

Project Objectives:

1. Review existing 5A's QI projects and recommendations to identify best practices for training pilot site staff and ensuring fidelity in the implementation of the 5A's brief counseling intervention;
2. Develop a provider and patient focused toolkit; and
3. Provide training and ongoing support to program sites to implement a QI toolkit through participation in a QI learning collaborative.

SFF Logic Model

Smoke-Free Families QI Project Logic Model



QI Partners

Project Sponsor: Ohio Department of Health

Project Lead: Ohio Colleges of Medicine Government Resource Center

Project Team:

Health Services Advisory Group

Clinical Advisors:

- Amy Ferketich, PhD Associate Professor, OSU College of Public Health
- Thomas Houston, MD Director of Nicotine Dependence Programs for OhioHealth
- Heather Frey, MD Faculty, OSU Maternal-Fetal Medicine

IHI Model for Improvement Overview

The Science of Improvement

- Applied science that emphasizes innovation, rapid-cycle testing in the field, and spread to generate learning about what changes, in which contexts, produce improvements.
- Characterized by the combination of expert subject knowledge with improvement methods and tools.
- Multidisciplinary — drawing on clinical science, systems theory, psychology, statistics, and other fields.

IHI Model of Improvement

- The Model for Improvement begins with three fundamental questions:
 1. **The Aim:** What are we trying to accomplish? (How good do we want to get and by when?)
 2. **The Measures:** How will we know a change is an improvement?
 3. **The Changes:** What change can we make that will result in improvement? Then you can implement a change to the system.

QI Resources

- Provider and Patient/Family Toolkit
- Monthly Technical Assistance Calls
- Rapid Cycle QI Data Feedback
 - Secure site specific data portal
 - Help desk support
- Individual coaching calls as needed

Toolkit

- Utilized by the pilot sites to guide improvement work
- Toolkit resources include:
 - Pre-implementation and follow-up surveys;
 - 5A's protocols/guidelines for providers;
 - Decision Algorithms;
 - 5A's Implementation and Resources by Patient/Client Type
 - Office tools such as referral forms and clinic flow analysis;
 - Best practices for motivating and/or effecting behavior change; and
 - Self-help and promotional materials for clients and family

Monthly Technical Assistance Calls

- Use a Structure Agenda:
 - Discuss best practices and QI tools
 - Identify implementation challenges and share strategies for addressing barriers
 - Review QI data
 - Examine trends and discuss implications
 - Address data feedback process issues

Pilot Site Data Responsibilities

- Sites will collect on up to 4 QI measures
 - Adherence to the 5 A's process during visit
 - Toolkit/Resources provided to clients
 - Self-reported data by sites collected through patient/provider surveys
- Enter data into GRC secure data portal
- Review data on a monthly basis

SFF Project Details

Meredith Cameron, MSW
Project Manager

SFF Site Recruitment

- Eligible participants include:
 - ODH funded program sites
 - Child and Family Health Services
 - Ohio Infant Mortality Reduction Initiative
 - Reproductive Health and Wellness Program
 - Women, Infants, and Children
- Up to 77 sites will participate in pilot project
- Site participation begins November, 2014

SFF Roadmap

Strategy Description	Quarterly Milestones/Activities		
	Quarter 1 (November 2014 - December, 2014)	Quarter 2 (January 2015 - March 2015)	Quarter 3 (April 2015 – June 2015)
Implement Pilot	Participate in testing best practices to improve quality in the implementation of the 5A's brief counseling intervention and ensure model fidelity Review and implement toolkit into practice Submit monthly data and receive rapid cycle feedback Participate in monthly Technical Assistance calls Participate in individual coaching calls as needed	Continue testing best practices Continue to use and provide feedback on usability of toolkit Submit monthly data and receive rapid cycle feedback Continue participating in monthly Technical Assistance calls Participate in individual coaching calls as needed	Continue testing best practices Continue to use and provide feedback on usability of toolkit Submit monthly data and receive rapid cycle feedback Continue participating in monthly Technical Assistance calls Participate in individual coaching calls as needed
Standardization and Guidelines	Review site specific data	Review site specific data	Review site specific data
Meetings	November – PW December – EAC	January – EAC February – EAC March – EAC	April – EAC May – EAC June – EAC
Timeline	 Quarter 1	 Quarter 2	 Quarter 3

Questions

Contact:

Meredith Cameron, MSW

Project Manager

Meredith.Cameron@osumc.edu

Allison Lorenz, MPA

QI Project Specialist

Allison.Lorenz@osumc.edu