

# Carbapenem-Resistant *Enterobacteriaceae* (CRE) Surveillance and Prevention Initiative Educational Conference

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**Welcome!**

# SHARP Unit

- Michigan Department of Community Health (MDCH)
- Bureau of Disease Control, Prevention, and Epidemiology
- Communicable Disease Division
- Surveillance and Infectious Disease Epidemiology Section (SIDE)
- **Surveillance of Healthcare-Associated and Resistant Pathogens (SHARP)**
  - HAI Coordinator – **Jennie Finks, DVM, MVPH**

# SHARP Mission

- Coordinate activities related to HAI surveillance and prevention in Michigan
- Improve surveillance and detection of antimicrobial-resistant and healthcare-associated infections
- Identify and respond to disease outbreaks
- Use collected data to monitor trends
- Educate healthcare providers and the general public

# SHARP Unit

- **Jennie Finks**, SHARP Unit Manager and HAI Coordinator
- **Judy Weber**, NHSN Healthcare Liaison
- **Allison (Gibson) Murad**, NHSN Epidemiologist
- **Joseph Coyle**, Infection Prevention Consultant
- **Gail Denkins**, MRSA/CDI Prevention Initiative Coordinator
- **Brenda Brennan**, CRE Prevention Coordinator
- **Bryan Buckley**, Prevention Data Analyst

# **CRE Collaborative Group**

# CRE Collaborative

- The **CRE Collaborative** helps direct surveillance and prevention efforts by
  - Developing a voluntary reporting mechanism for CRE
  - Enrolling acute care and LTAC facilities to participate
  - Identifying and implementing best-practice recommendations that can be applied across the healthcare continuum
- **Overall goal:** To build regional partnerships within healthcare and public health communities to reduce the spread of CRE in Michigan

# CRE Collaborative

- **Organizations**

- Detroit Medical Center, Spectrum Health, University of Michigan Health System, Bronson Methodist Hospital, St. Joseph Mercy, Select Specialty Hospital, and MDCH

- **Disciplines**

- Infection Prevention, Epidemiology, Clinical Microbiology, Antimicrobial Stewardship, Infectious Disease Physicians, Pharmacy, Quality Management, and Public Health

# Members

- **Keith Kaye**
- **Jason Pogue**
- **Anurag Malani**
- **Kerrie VerLee**
- **Daniel Sundin**
- **Christy Scipione**
- **Carol Young**
- **Richard VanEnk**
- **Marty Boehme**
- **Joe Coyle**
- **Jennie Finks**
- **Bryan Buckley**
- **Nikki Fraser**
- **Jennifer Arndt**
- **Dror Marchaim**
- **Rhea Sautter**
- **Barb Robinson-Dunn**

**CRE**  
**Surveillance and Prevention**  
**Initiative**

# CRE Surveillance and Prevention Initiative

- **Objectives**

- ✓ Design a survey to capture current laboratory and infection prevention practices across the state
- ✓ Develop voluntary CRE reporting mechanism
- ✓ Identify and enroll acute and long-term acute care (LTAC) facilities
- **Determine baseline CRE prevalence/incidence**
  - Implement evidence-based CRE prevention measures
  - Re-measure CRE prevalence/incidence
  - Describe the epidemiology of CRE in the state of Michigan

# CRE Surveillance and Prevention Initiative

- **Aims**

- Reduce CRE prevalence/incidence
- Identify and implement best-practice recommendations across the healthcare continuum
- Build regional partnerships within the healthcare and public health communities
- Describe CRE Epidemiology in Michigan

# CRE Surveillance and Prevention Initiative

## Timeline

- Baseline Data Collection
  - September 1, 2012 – February 28, 2013
- Implement Prevention Measures
  - March 1, 2013
- Continue Data Collection (re-measurement)
  - March 1, 2013 – August 31, 2014

# Partners in Prevention

# Things to look forward to...

- CRE Surveillance and Prevention Initiative Educational Conference
- Monthly Reports
- Monthly Newsletters
- Additional Education
  - Regional trainings, webinars, quick tips, tools, access to technical experts
- Incentives!!
- Collaborative public effort to reduce CRE

# Materials for today

- **Portfolio**

- Agenda
- CRE Surveillance Algorithm
- MDCH Bureau of Labs CRE Testing
- Evaluation Form

- **Flash Drive**

- Presentations (PDF)
- 2012 CRE Toolkit

**Enjoy the conference!**

