

Michigan Department of Health and Human Services (MDHHS)

Surveillance for Healthcare-Associated and Resistant Pathogens (**SHARP**) Unit

SHARP Unit Overview



SHARP Unit – HAI/AR Program

- **The Surveillance for Healthcare-Associated and Resistant Pathogens Unit (SHARP) was created in 2009 to:**
 - Coordinate activities related to HAI surveillance, response, and prevention in Michigan
 - Improve surveillance and detection of antimicrobial-resistant pathogens and HAIs
 - Identify and respond to disease outbreaks
 - Use collected data to monitor trends
 - Educate healthcare providers, state and local public health partners, and the public on HAIs



SHARP Unit



- HAI Coordinator / SHARP Unit Manager
 - **Brenda Brennan**
- Antimicrobial Resistance Epidemiologist
 - **Sara McNamara**
- Education Coordinator
 - **Chardé Fisher**
- NHSN Epidemiologist
 - **Elli Stier**
- Antimicrobial Stewardship Coordinator
 - **Anne Haddad**
- Infection Prevention Nurse Consultants
 - **Niki McGuire**
 - **Jane Rogers**
 - **Margaret Sturgis**
- LTC Epidemiologist
 - **Sarmed Rezzo**
- MDRO Epidemiologist
 - **Niki Mach**

SHARP Unit - Focus Areas

5 Areas of HAI/AR and Infection Prevention

- HAI/AR Program Network for Prevention and Response
(MDRO/Containment)
- Antibiotic Resistance Laboratory Network (AR Lab Network) **(Lab)**
- Antibiotic Stewardship **(AMS)**
- Enhancing the Use of NHSN **(Enhanced NHSN)**
- Project Firstline **(PFL)**

HAI/AR Program Network for Prevention and Response

- **MDRO/Containment**

- **Sara, Niki McGuire, Jane, Margaret, and Niki Mach**

- Carbapenem-Resistant Organisms, *Candida auris*, VISA/VRSA investigations
- Enhanced MDRO Prevention Project in SE Michigan
- Collaboration with UM (MI-SAPPHIRE)

- **HAIs (non-AR)**

- **SHARP and IPRAT**

- Traditional healthcare-associated infections (CLABSIs, CAUTIs, SSIs, VAP, CDI, etc), infection prevention breaches (multiple settings), efforts in dialysis

Antibiotic Stewardship (AMS)

- **Making Antibiotic Use and Antibiotic Resistance Data Actionable**
- **Anne Haddad**
 - **Collaborations**
 - WSU - Discharge Stewardship
 - WSU – Bloodstream Infections Rapid Diagnostics
 - Ferris State – CHARM (outpatient-prescribing)
 - **Data projects**
 - IQVIA, NHSN AU, BCBSM, and Medicaid data
 - NHSN AU Reporting – Hurley and Beaumont

Enhancing the Use of NHSN

- **Acute Care Facilities and Critical Access Hospitals**
- **Elli Stier**
 - NHSN Patient Safety – Data for Action (surveillance and analysis)
 - HAI Dashboard in Tableau
- **Skilled Nursing Facilities**
- **Sarmed Rezzo**
 - LTC COVID Reporting
 - Partnerships with BEPESOC and BPHASA
 - NHSN LTCF Component Initiative (HAI reporting/SNFs)

Project Firstline (PFL)

- **Infection Prevention Education for healthcare workers**
- **Chardé Fisher**
 - **Collaborations**
 - WSU/DMC/HFHS/Beaumont on PFL education in SNFs in City of Detroit
 - IPRAT
 - MI ECHO
 - Coming soon: Training modules on MI-TRAIN
 - **Trainings**
 - IP Symposiums
 - IP Videos
 - Coming soon: APIC LTC, Epi-Intensive, CIC-Prep courses

HAI and Infection Prevention Resources

- **Surveillance for Healthcare-Associated and Resistant Pathogens Unit (SHARP)**
 - MDRO Reporting and Investigation: CP-CRE, CRAB, CRPA, VISA/VRSA, *Candida auris*
 - HAI Surveillance: NHSN, MDSS, and other
 - Project FirstLine
 - MDHHS-SHARP@michigan.gov
 - 517-335-8165
- **Infection Prevention Resource and Assessment Team (IPRAT)**
 - COVID-19 response and guidance – IPRAT Inbox!
 - Infection Prevention Technical Assistance (HAIs and dialysis)
 - MDHHS-IPRAT@michigan.gov
 - 517-335-8165



Contact us!
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