Marilee Johnson
TECH ADVISOR, INFECTION PREVENTION

Marilee Johnson graduated from the University of North Carolina at Chapel Hill with a B.S. in Medical Technology, completed her Board of Certification, MT(ASCP) and began her career in the clinical microbiology laboratory. After completing her MBA at Meredith College, she joined the Infection Prevention Team at WakeMed Health & Hospitals as a public health epidemiologist. She continued her work at the NC Division of Public Health by facilitating the NC One & Only Campaign and Antibiotic Stewardship Programs. Most recently, she was a technical advisor with Alliant Quality, providing education and infection prevention training to over 115 nursing homes in North Carolina & Georgia. Marilee has completed training in Infection Prevention through NC SPICE (North Carolina Statewide Program in Infection Control & Epidemiology) and the CDC’s Nursing Home Infection Preventionist Training Course. She is also a member of the Association of Professionals in Infection Control & Epidemiology (APIC).

"I cannot do all the good that the world needs. But the world needs all the good I can do." ~Jana Stanfield

Contact: Marilee.Johnson@AlliantQuality.org
Objectives

• By the end of this session, you will be able to:
  – Define National Healthcare Safety Network (NHSN)
  – Give rationale for C. diff infection (CDI) surveillance in NHSN
  – Know the steps & timeline to enroll your facility in NHSN
  – Understand steps to obtain a SAMS (Secure Access Management System) Grid Card
Ground Rules

• All lines are muted, so please ask your questions in chat
• Be present and actively participate
Personal Connections

- What state are you from?
- What is your position/title?
- Are you already reporting data into NHSN?
## CMS Aims

<table>
<thead>
<tr>
<th>Behavioral Health Outcomes and Opioid Misuse</th>
<th>Patient Safety</th>
<th>Chronic Disease Self-Management</th>
<th>Quality of Care Transitions</th>
<th>Nursing Home Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Promote opioid best practices</td>
<td>- Reduce risky medication combinations</td>
<td>- Increase performance on ABCS clinical quality measures (i.e., aspirin use, blood pressure control, cholesterol management, cardiac rehab)</td>
<td>- Convene community coalitions</td>
<td>- Improve the mean total quality score</td>
</tr>
<tr>
<td>- Decrease high dose opioid prescribing and opioid adverse events in all settings</td>
<td>- Reduce adverse drug events</td>
<td>- Smoking cessation</td>
<td>- Identify and promote optimal care for superutilizers</td>
<td>- Develop national baselines for healthcare related infections in nursing homes</td>
</tr>
<tr>
<td>- Increase access to behavioral health services</td>
<td>- Reduce C. difficile in all settings</td>
<td>- Identify patients at high-risk for developing kidney disease and improve outcomes</td>
<td>- Reduce community-based adverse drug events</td>
<td>- Reduce emergency department visits and readmissions of short stay residents</td>
</tr>
</tbody>
</table>
National Healthcare Safety Network

• Nation’s most widely used healthcare-associated infection tracking system
• Identifies problem areas and measures progress of prevention efforts with the goal to ultimately eliminate healthcare-associated infections.

FREE Resource, Free Training, Free Database
Total NHSN Enrollment
NHSN Enrollment Update (as of March 15, 2019)

• **6,774** Hospitals*
• **7,450** Outpatient hemodialysis facilities
• **4,570** Ambulatory surgery centers (ASCs)

• **2,967** Long-term care facilities
• **21,761** Total healthcare facilities enrolled

*This includes 469 long-term acute care hospitals and 360 free-standing inpatient rehabilitation facilities.
Rationale

• Leadership support
• Accountability
• Drug expertise
• Taking action
• **Tracking antibiotic use and outcomes**
• Reporting antibiotic use and resistance to staff
• Education
Rationale – Applicable Regulation

• F881 § 483.80(a) Infection prevention and control program. The facility must establish:
  – An antibiotic stewardship program that includes antibiotic use protocols and a system to monitor antibiotic use.
  – Tracking C. diff in National Healthcare Safety Network monitors outcomes of antibiotic use
Response: C. *diff* Reporting & Reduction

- YouTube link: [https://youtu.be/-oRdxZztG3E](https://youtu.be/-oRdxZztG3E)
The Goal: “Zero” C. diff Infections
Surveillance: How are you currently tracking your C. *diff* infections?

- On a napkin?
- In an Excel® spreadsheet?
- Using a “Days Since” app
- CDC’s National Healthcare Safety Network (NHSN)
- How do you know when to take action?
### NHSN: Facility Summary Data

<table>
<thead>
<tr>
<th>Summary Year/Month</th>
<th>Location</th>
<th>Event Type</th>
<th>Number of Resident Days</th>
<th>Number of Resident Admissions</th>
<th>No Events</th>
<th>Admissions on C. diff Treatment</th>
<th>Number of residents started on antibiotic treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018M04</td>
<td>FACWIDEIN</td>
<td>CDIF</td>
<td>3,096</td>
<td>17</td>
<td>Y</td>
<td>0</td>
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<tr>
<td>2018M05</td>
<td>FACWIDEIN</td>
<td>CDIF</td>
<td>3,076</td>
<td>14</td>
<td>Y</td>
<td>1</td>
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<tr>
<td>2018M06</td>
<td>FACWIDEIN</td>
<td>CDIF</td>
<td>2,981</td>
<td>19</td>
<td>Y</td>
<td>0</td>
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<tr>
<td>2018M07</td>
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<td>CDIF</td>
<td>3,205</td>
<td>17</td>
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<td>0</td>
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<td>2018M08</td>
<td>FACWIDEIN</td>
<td>CDIF</td>
<td>3,289</td>
<td>27</td>
<td>Y</td>
<td>0</td>
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<tr>
<td>2018M09</td>
<td>FACWIDEIN</td>
<td>CDIF</td>
<td>3,309</td>
<td>41</td>
<td>N</td>
<td>0</td>
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<tr>
<td>2018M10</td>
<td>FACWIDEIN</td>
<td>CDIF</td>
<td>3,336</td>
<td>28</td>
<td>N</td>
<td>4</td>
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<tr>
<td>2018M11</td>
<td>FACWIDEIN</td>
<td>CDIF</td>
<td>3,502</td>
<td>23</td>
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<td>0</td>
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<td>2018M12</td>
<td>FACWIDEIN</td>
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<td>29</td>
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<td>2019M01</td>
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<td>22</td>
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<td>0</td>
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<td>2019M02</td>
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<td>CDIF</td>
<td>3,184</td>
<td>20</td>
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</tbody>
</table>
NHSN: Facility Dashboard

- Long Term Care Dashboard

Generate New  Last Generated: Dec 2 2019 12:09PM

Summary MDRO/CDI HAI Prevention Process

Facility-Wide Multidrug Resistant Organism (MDRO) and Clostridioides difficile (CDI) Laboratory-identified (LabID) Event Count

Footnotes:
1. Graph represents complete events entered for any month or any organism in the quarter.
2. Counts exclude duplicate laboratory assays.
3. CRE LabID events include CRE-E.coli, CRE-Klebsiella spp., and CRE-Enterobacter spp.
4. ACINE: Avian/avian-class Enterobacteriaceae spp.
NHSN Enrollment: Commandments

• Thou shalt choose thy NHSN facility administrator wisely:
  – Comfortable with technology
  – Can be anyone in your facility
  – Must complete enrollment using the timeline and be present at your facility for the next 3 months
  – The same person must register using a unique email address and use the same email throughout (cannot use generic or shared email addresses)
  – The same person who starts the registration process must finish the enrollment process
Before You Begin:
Find Out if Your Facility is Enrolled

• Email NHSN at nhsn@cdc.gov.
• Do NOT re-enroll.

Dear NHSN, Please confirm if my facility, XYZ, CCN#123456, is enrolled in NHSN. If so, what is our organization ID number?

Thank you,
Marilee
Overview

1. Email nhsn@cdc.gov to find out if your facility is enrolled.
2. If you are not enrolled, register your facility with NHSN
3. Apply for your personal SAMS card
4. Complete the annual survey form on paper
5. Electronic consent
6. Submit Annual Survey
7. Map locations
8. Confer rights to Alliant Quality & other entities as specified (State Health Dept.)
Time Requirement: 2-3 weeks to complete enrollment

- ~15 minutes for days 1, 2, & 3
- A trip to a notary on ~day 3
- ~1 hour to complete the annual survey form on paper
- ~1 hour to consent, submit survey, map locations, confer rights after you receive your SAMS card
NHSN Enrollment

• Receive your “personal” SAMS card
• Log into SAMS portal
• Electronic consent
• Submit annual survey
• Confer rights to Alliant Quality
Day 1: Facility Registration in NHSN

- Review the enrollment guide

- Locate your CCN number (a six-digit Medicare #)

- Register your facility with NHSN
  https://www.cdc.gov/nhsn/ltc/enroll.html
Day 2: Your Personal SAMS application

• Register your info with SAMS
• Check your inbox for the invitation to register
• Set up your new password
• Save the password and security questions in a safe place

https://www.cdc.gov/nhsn/ltc/enroll.html
Important Tips!

• Use your **home address**
• First & Last Name **must** appear **exactly** as it appears on your identity proofing document(s) (e.g., driver’s license)
• Home address **must** appear **exactly** as it appears on your identity proofing document(s)
Day 3: Complete Your SAMS application

- Print out the Identity Verification Form
- Locate two (2) forms of approved identity
- Get the form notarized
- Submit using SAMS portal
  - Fax and mail-in information is also provided
Choose Your Two Proofing Documents

A List
• Driver’s license
  – Not expired
  – Current home address*
• US Passport (not expired)
• US Military ID

B List
• Employee ID Card that includes:
  – Your name
  – Your organization
  – Your photo
• Voter ID or Registration Card
• Certified Birth Certificate

*Supply a utility bill with current address if different
Helpful Tips

• Use a smart phone to take a clear picture of your driver’s license
• Email/text the picture to your computer
• Print and save for later
SAMS Application

• Use the link provided in the emailed identity verification form to upload your documents.
• Sign in using the new password you created.
  – Call SAMS help desk to confirm receipt and acceptance of documents. 1-877-681-2901
While you wait for your SAMS card

• Print the survey form and complete it
  – https://www.cdc.gov/nhsn/forms/57.137_LTCFSurv_BLANK.pdf

• Review the NHSN Manual (Add to your favorites)

• Review NHSN training materials on the website
  – https://www.cdc.gov/nhsn/ltc/index.html
Create an NHSN Notebook

• Instructions for reporting your C. diff data to NHSN

  – https://www.cdc.gov/nhsn/forms/57.142_DenominatorLTCF_BLANK.pdf
  – https://www.cdc.gov/nhsn/forms/57.138_LabIDEvent_LTCF_BLANK.pdf
Check Your **Home** Mailbox

- Disclaimer... Wait for your SAMS card to arrive in your home mailbox

Call the help desk, 1-877-681-2901, if you have not received your card 7-10 days after you upload the documents
~Day 12: When the SAMS grid card arrives in your home mailbox…

✅ Log into SAMS using your grid card: https://sams.cdc.gov

✅ Complete Electronic Consent: use your name as both the NHSN facility administrator AND the LTCF primary contact

✅ Submit your annual survey

✅ Map facility locations

✅ Confer rights to Alliant Quality
NHSN Login: https://sams.cdc.gov

You have two options:

• SAMS grid card

• Use your grid card
Begin Enrollment

• Click NHSN Enrollment
• Select Enroll a facility
• Enter required information
  – (have your CCN number available)

 ✓ Must be done in one session!
 ✓ Refer to the NHSN Enrollment Guide: https://www.cdc.gov/nhsn/pdfs/training/ltc/LTCF-Enrollment-training.pdf
Enrollment

Must be done in one session!
Email nhsn@cdc.gov with questions (there is no phone number)
Complete NHSN Enrollment

• Submit the Annual Facility Survey forms.
• After you have successfully enrolled, you will receive an email to log into the NHSN web site.
• Select NHSN Reporting and accept the Agreement to Participate and Consent.
• Receive an email from NHSN, “NHSN Enrollment Approved.”
NHSN Setup

• Review slides:

• Map long-term care facility locations
• Confer rights to Alliant Quality
• Create monthly reporting plans
• Add users and assign rights
Summary

• Facilities are enrolled only once
• A SAMS grid card is required to complete enrollment and submit data. This is your personal card—not the facility’s.
• The same person must complete the entire enrollment process.
• Follow the timeline to avoid delays
• Click this link to begin: https://www.cdc.gov/nhsn/ltc/enroll.html
Start your enrollment now!

• Locate your CCN number (a six-digit Medicare #)
• Open the link below:
  - [https://www.cdc.gov/nhsn/ltc/enroll.html](https://www.cdc.gov/nhsn/ltc/enroll.html)
Bringing it Home
Contact Information:

NHSN Team
• Enrollment and Reporting: email nhsn@cdc.gov
  – (there is no phone number)
• Main Website:

SAMS Help Desk
• For problems with login
  – https://sams.cdc.gov
  – call: 877-681-2901
  – email: samshelp@cdc.gov
Thank you for your time!

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Upcoming Events

Nursing Homes

• Understanding the Quality Measures and Drill Down to the Resident Level 2/18

Community Coalitions

• Engaging Your Community Based Organizations & Resources 1/23
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