

Welcome to the

# Model Aquatic Health Code Network Webinar

## Healthy and Safe Swimming at Public Aquatic Venues during the COVID-19 Pandemic

Friday, May 22, 2020  
1:00pm ET

Listen via your computer speakers

or

Call: +1 929-205-6099 / Webinar ID: 954 6129 6280

Questions may be submitted via the Q&A box.

**This webinar is being recorded.**

**NACCHO**  
National Association of County & City Health Officials

# Featured Guest Speakers

**Jennifer Murphy, PhD**

WASH Team Lead/Community Intervention and  
At Risk Task Force/CDC COVID-19 Response  
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# COVID-19 Considerations for Public Aquatic Venues

**Jennifer Murphy, PhD**

**WASH Team Lead**

**Community Intervention and At Risk Task Force**

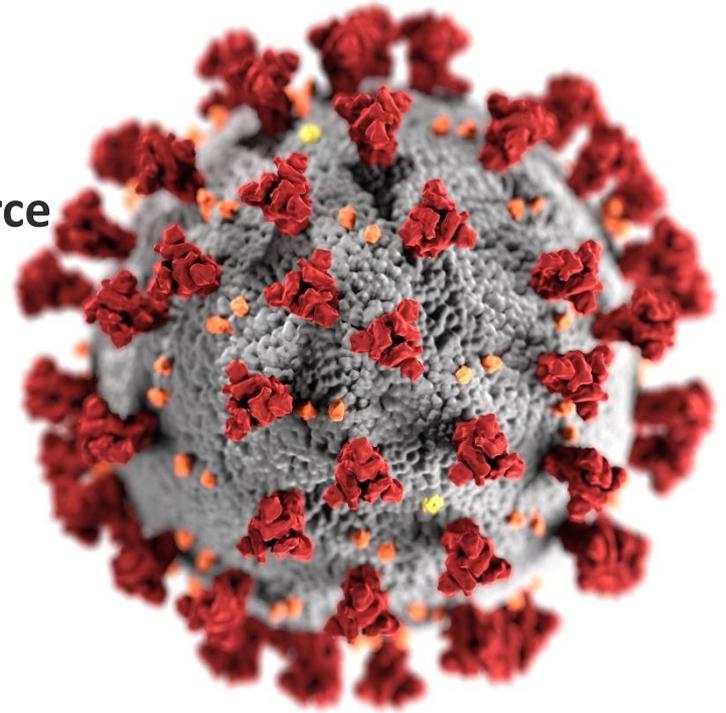
**CDC COVID-19 Response**

**Michele Hlavsa, RN, MPH**

**Epidemiologist, Healthy Swimming**

NACCHO MAHC Network Webinar

May 22, 2020



[cdc.gov/coronavirus](https://cdc.gov/coronavirus)

# Overview of Presentation

- COVID-19 Disease and Prevention
- Cleaning and Disinfection
- Considerations for Public Aquatic Venues
  - Promoting Behaviors that Prevent the Spread of COVID-19
  - Maintaining Healthy Environments
  - Maintaining Healthy Operations
  - Preparing for When Someone Gets Sick
- CDC COVID-19 Resources

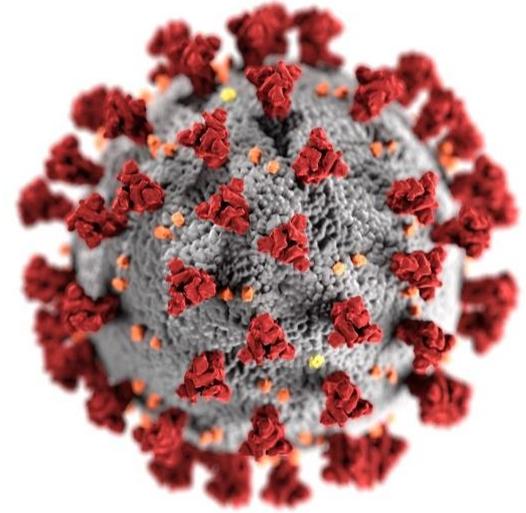


# COVID-19 Disease and Prevention



# COVID-19: Outbreak Update

- Caused by the virus SARS-CoV-2
- First U.S. case reported January 21, 2020
- As of May 21: 1,551,095 cases and 93,061 deaths
- 50 states and 8 U.S.-affiliated jurisdictions have confirmed cases
- [www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html](https://www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html)



# COVID-19: How It Spreads

- The virus is thought to spread mainly from person to person
  - Between people who are in close contact with one another (within about 6 feet)
  - Through respiratory droplets produced when an infected person coughs, sneezes, or talks
- These droplets can land in the mouths or noses of people who are nearby, or possibly be inhaled into the lungs
- People without symptoms may be able to spread COVID-19
- People may be able to get COVID-19 by touching a surface or object that has the virus on it and then touching their mouth, nose, or eyes



# COVID-19: Symptoms and Complications

## Symptoms may include

- Cough
- Shortness of breath or difficulty breathing
- Fever
- Chills
- Muscle pain
- Sore throat
- New loss of taste or smell

## Wide range of illness severity has been reported

- Mild to severe illness
- Can result in death

## Estimated incubation period

- 2 to 14 days

## Complications may include

- Pneumonia
- Respiratory failure
- Multisystem organ failure



[Symptom Self-Checker](#)

# COVID-19: Protect Yourself

## Prevent the Spread of Disease

- Avoid touching your eyes, nose, and mouth with unwashed hands
- Avoid close contact with people when not at home (social distancing)
- Wash your hands often with soap and water for at least 20 seconds
  - Use an alcohol-based hand sanitizer with at least 60% alcohol if soap and water are not available
- Clean and disinfect frequently touched objects and surfaces



# COVID-19: Protect Others

## Other ways you can help prevent respiratory illnesses

- Stay home when you are sick
- Cover your cough or sneeze with a tissue, or the inside of your elbow, then throw away used tissues and wash your hands
- Avoid close contact with people when not at home (social distancing)
- Wear a cloth face covering over your nose and mouth when you are in public, especially in situations where you may be near people
  - **Important:** Cloth face coverings are NOT a substitute for social distancing



# COVID-19: Social Distancing and Face Coverings

- Social distancing is the most important tool we have for slowing the spread of COVID-19
  - Stay at least 6 feet from other people
  - Do not gather in groups
  - Stay out of crowded places and avoid mass gatherings
  - Wear a cloth face covering when you are in public, especially in situations where you may be near people.

**Face Covering Do's and Don'ts:**

**DO:**

- ✓ Make sure you can breathe through it
- ✓ Wear it whenever going out in public
- ✓ Make sure it covers your nose and mouth
- ✓ Wash after using

**DON'T:**

- ✗ Use if under two years old
- ✗ Use surgical masks or other PPE intended for healthcare workers

 [cdc.gov/coronavirus](https://cdc.gov/coronavirus)

# Cleaning and Disinfection



# COVID-19: Disinfect with the Right Chemicals

- Cleaning and disinfection should be **effective**
  - ✓ Clean first, especially if the surface is dirty
  - ✓ Use [List N EPA-registered disinfectants](#)
  - ✓ Follow manufacturer's instructions for
    - ✓ Application method
    - ✓ Contact time
  - ✓ If List N disinfectants are not available, household bleach can be diluted (1/3 cup of bleach into a gallon of water)



# COVID-19: Disinfect the Right Surfaces

- Disinfection should be **efficient**
- ✓ Focus on surfaces and objects that are frequently touched by multiple people
  - ✓ For example, doorknobs, light switches, phones, faucets and sinks, handles, tables, countertops, remote controls
- ✗ Many surfaces do not need to be disinfected
  - ✗ Surfaces and objects that are not frequently touched
  - ✗ Walls, floors, sidewalks, groundcovers
  - ✗ Areas that have not been used by anyone in the past 7 days

# COVID-19: Disinfect with the Right Protection

- Cleaning and disinfection should be **safe**
- ✓ Staff should be instructed on how to apply the disinfectants according to the label
- ✓ Use disinfectants at the correct concentration
- ✓ Use personal protective equipment (PPE) according to manufacturer's instructions
- ✓ Ensure sufficient ventilation for disinfectants used
- ✓ Keep all disinfectants out of reach of children
- ✓ Store disinfectants appropriately



# COVID-19 Considerations for Public Pools, Hot Tubs, and Water Playgrounds



# COVID-19: Considerations for Public Aquatic Venues

- This presentation includes considerations for the safety of those who **operate, manage, and use** public pools, hot tubs, and water playgrounds
- All decisions about implementing these considerations should be made locally, **in collaboration with local health officials**



# Considerations for Public Aquatic Venues

- Promoting Behaviors that Prevent the Spread of COVID-19
- Maintaining Healthy Environments
- Maintaining Healthy Operations
- Preparing for When Someone Gets Sick



# Promoting Behaviors that Prevent the Spread of COVID-19



# Hand Hygiene and Cloth Face Coverings

- Encourage all staff, patrons, and swimmers to wash their hands often and cover their coughs and sneezes
  - Ensure adequate supplies to support healthy hygiene (soap, hand sanitizer, paper towels, tissues, and no-touch trash cans)
- Encourage the use of cloth face coverings as feasible
  - Advise those wearing face coverings to **not** wear them in the water



# Staying Home When Sick

- Educate staff, patrons, and swimmers about when to stay home. For example, if they:
  - Have symptoms of COVID-19
  - Have tested positive for COVID-19
  - Were exposed to someone with COVID-19 within the last 14 days



# Signs and Messages

- Post signs about how to stop the spread of COVID-19, properly wash hands, promote everyday protective measures, and properly use a cloth face covering in highly visible locations
  - See CDC print resources link at end of presentation
- Broadcast regular announcements about how to stop the spread on PA systems
- Include messages about behaviors that prevent the spread of COVID-19 in contracts with individual patrons or households, in emails, on facility websites, through facility's social media accounts, and on entrance tickets

# Maintaining Healthy Environments



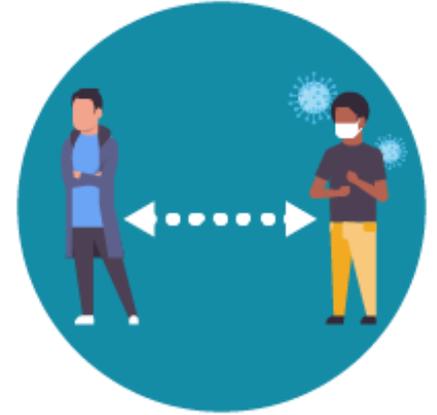
# Cleaning and Disinfection

- Clean and disinfect frequently touched surfaces at least daily and shared objects each time they are used
  - Handrails, slides, and structures for climbing or playing
  - Lounge chairs, tabletops, pool noodles, and kickboards
  - Door handles and surfaces of restrooms, handwashing stations, diaper-changing stations, and showers
- Decide which **List N** disinfectants approved by the U.S. Environmental Protection Agency (EPA) are best for your aquatic venue
- Ensure safe and correct use and storage of disinfectants, including storing products securely away from children



# Maintaining Social Distancing

- Modify layouts
  - Change deck layouts to ensure that individuals can remain at least 6 feet apart from those they do not live with
- Provide physical barriers and guides
  - Physical cues or guides, such as lane lines in the water or chairs and tables on the deck
  - Visual cues, such as tape on the decks, floors, and sidewalks and signs



# Communal Spaces and Shared Objects

- Stagger the use of communal spaces (for example, in the water or in the breakroom)
  - Clean and disinfect frequently touched surfaces at least daily
  - More frequent cleaning and disinfection may be required based on level of use
- Discourage people from sharing items that are difficult to clean, sanitize, or disinfect or that are meant to come in contact with the face
- Discourage the sharing of items such as food, equipment, toys, and supplies

# Maintaining Healthy Operations



# Staffing

- Consider protections for vulnerable staff (for example, telework or modified job responsibilities)
- Ensure lifeguards who are actively lifeguarding are not also expected to monitor handwashing, use of cloth face coverings, or social distancing
- Implement sick leave policies and practices for staff that are flexible and non-punitive
- Train staff on all safety protocols
- Conduct daily health checks (for example, temperature screening or symptom checking) of staff

# Gatherings

- Avoid group events, gatherings, or meetings both in and out of the water if social distancing of at least 6 feet between people who don't live together cannot be maintained
- Exceptions to social distancing guidance include:
  - Rescuing a distressed swimmer, providing first aid, or performing CPR
  - Individuals in the process of evacuating an aquatic venue or facility due to an emergency
- Be aware of local or state regulatory agency policies on gathering requirements

# Preparing for When Someone Gets Sick



# Preparing for When Someone Gets Sick

- Isolate and transport those who are sick to their home or a healthcare provider
  - Immediately separate staff, patrons, or swimmers with COVID-19 symptoms
- Notify health officials and close contacts



# Preparing for When Someone Gets Sick

- Clean and disinfect areas used by a sick person
  - Close off areas used by a sick person until after cleaning and disinfecting
  - Wait >24 hours before cleaning and disinfecting these areas
  - Ensure safe and correct use and storage of List N EPA-approved disinfectants, including storing products securely away from children



# COVID-19: CDC Resources

- [Latest COVID-19 information](#)
- [Cleaning and Disinfection](#)
- [Guidance for Businesses and Employers](#)
- [CDC Healthy Swimming](#)
- [CDC Steps of Healthy Swimming](#)
- [COVID-19 Prevention](#)
- [Handwashing Information](#)
- [Face Coverings](#)
- [Social Distancing](#)
- [COVID-19 Frequently Asked Questions](#)
- [CDC Communication Resources](#)
- [COVID-19 Considerations for Public Pools, Hot Tubs, and Water Playgrounds](#)

# Questions?

Jennifer Murphy

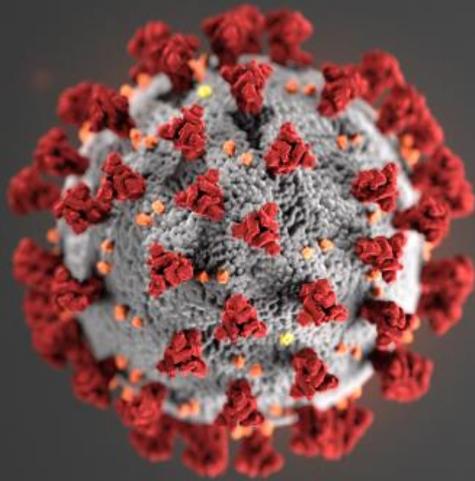
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For more information, contact CDC  
1-800-CDC-INFO (232-4636)  
TTY: 1-888-232-6348 [www.cdc.gov](http://www.cdc.gov)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.



# Questions?

**Questions may be submitted via the Q&A box**

**A Q&A Summary will be distributed following the webinar**

# Announcements

- ❖ NACCHO 360 Conference: July 7-9, 2020 **(Virtual)**
  - ❖ Registration will open soon!
  - ❖ <http://www.nacchoannual.org>
  
- ❖ NEHA 2020 Annual Educational Conference (AEC) & Exhibition **(Cancelled)**
  - ❖ <https://www.neha.org/neha-2020-annual-educational-conference-aec-exhibition>
  
- ❖ Learn more and join the Model Aquatic Health Code Network:
  - ❖ Website: <https://www.naccho.org/mahc>
  - ❖ E-mail: [MAHCnet@naccho.org](mailto:MAHCnet@naccho.org)

**Thank you for attending today's webinar!**

**You will receive a follow-up email with the webinar recording  
and the Q&A Summary**