

*** All times in Eastern Daylight Time (UTC-4) ***

Day 1 Agenda: Monday, March 16th, 2026

1:00 – 1:05PM	<p>Introduction to the Symposium</p> <p><i>Michael Paul, U.S. EPA, Office of Water/Office of Wetlands, Oceans and Watersheds (OW/OWOW)</i> <i>Brenna Friday, U.S. EPA, OW/OWOW</i> <i>Robyn Espinosa, Centers for Disease Control and Prevention (CDC)</i> <i>Jonathan Deeds, Food and Drug Administration (FDA)</i></p>
1:05 – 1:10PM	<p>Welcoming Remarks</p> <p><i>Russell Kaiser, Acting Director, Health and Ecological Assessment Division, OWOW/OW and Co-Chair, Interagency Working Group HABRCA</i></p>
1:10 – 2:10PM	<p>Cyanotoxin Introduction – Introduction to toxins: who, what, why, and how?</p> <p><i>Barry Rosen, Florida Gulf Coast University</i></p>
2:10 – 2:15PM	<p>Transition Break and Ice Breaker Question: If you could be any harmful alga, which would you be?</p>
2:15 – 3:15PM	<p>Lesser known toxins – a review</p> <p><i>Todd Miller, University of Wisconsin</i></p>
3:15 – 3:30PM	<p>Break and Polling Question: What is your level of experience with HAB science? None, Novice, Medium, Wrote the Book</p>
3:30 – 4:30PM	<p>Spotlight on State/Tribal Program: Novel threshold development to protect animal and human health</p> <p><i>Stu Dyer, Oregon Health Authority (OHA)</i> <i>Greg Baird, OHA</i> <i>David Farrer, OHA</i> <i>Linda Novitski, OHA</i></p>
4:30 – 4:40PM	<p>Wrap up</p> <p><i>Brenna Friday, U.S. EPA OW/OWOW</i> <i>Michael Paul, U.S. EPA, OW/OWOW</i></p>
4:40PM	<p>Adjourn</p>

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Day 2 Agenda: Wednesday, March 18th, 2026

1:00 – 1:05PM	Introduction and Logistics <i>Jonathan Deeds, FDA</i> <i>Robyn Espinosa, CDC</i> <i>Brenna Friday, U.S. EPA, OW/OWOW</i> <i>Michael Paul, U.S. EPA, OW/OWOW</i>
1:05 – 2:05PM	Human Health Effects of Cyanotoxins <i>Steven Haller and Andrew Fribley, University of Toledo</i>
2:05 – 2:15PM	Transition Break and Ice Breaker Question: Are you team hepatotoxin or team neurotoxin? Or maybe other?...
2:15 – 3:15PM	One Health Reporting of Cyanotoxin Illness: Current State, Future Directions, and the Complementary Roles of Human Health and Environmental Monitoring <i>Robyn Espinosa, CDC</i>
3:15 – 3:30PM	Break and Polling Question: What primary actions is your organization taking to monitor for and manage HABs?
3:30 – 4:30PM	Spotlight on State/Tribal Programs Panel: Improving coordination among human health and environment programs – Federal and State Perspectives <i>Hannah Bonner, Brigham Young University; Bridget O'Brien, Vermont Department of Health</i>
4:30 – 4:40PM	Wrap up <i>Jonathan Deeds, FDA</i> <i>Robyn Espinosa, CDC</i>
4:40PM	Adjourn

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Day 3 Agenda: Monday, March 23rd, 2026

1:00 – 1:05PM	Introduction and Logistics <i>Robyn Espinosa, CDC</i> <i>Jonathan Deeds, FDA</i> <i>Michael Paul, U.S. EPA, OW/OWOW</i> <i>Brenna Friday, U.S. EPA, OW/OWOW</i>
1:05 – 2:05PM	Animal Health Effects of Cyanotoxins <i>Donna Hill, U.S. EPA Office of Research and Development</i>
2:05– 2:15PM	Transition Break and Ice Breaker Question: What was your first pet's name?
2:15 – 3:15PM	Vet practice experience in HAB exposure and improving communication standards on effects of HABs on animals <i>Sherri Kasper, Florida Health Department</i>
3:15 – 3:30PM	Break and Polling Question: What would you like to see covered in future webinars on HABs?
3:30 – 4:30PM	Spotlight on State/Tribal Programs Panel: State experiences in developing/applying cyanotoxin thresholds to protect animal health <i>Ali Meils, Indiana Department of Environmental Management; Carly Nilson and Marisa Van Dyk, California State Water Resources Control Boards; Linda Novitski and Dave Farrer, Oregon Health Authority</i>
4:30 – 4:40PM	Wrap up <i>Robyn Espinosa, CDC</i> <i>Jonathan Deeds, FDA</i>
4:40PM	Adjourn

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Day 4 Agenda: Wednesday, March 25th, 2026

1:00 – 1:05PM	Introduction and Logistics <i>Brenna Friday, U.S. EPA, OW/OWOW</i> <i>Michael Paul, U.S. EPA, OW/OWOW</i> <i>Robyn Espinosa, CDC</i> <i>Jonathan Deeds, FDA</i>
1:05 – 1:50PM	Economic consequences of cyanotoxin health risks <i>Frank Lupid, Michigan State University</i>
1:50 – 2:35PM	Tools for protecting human and veterinary health: Developing Health Effects Support Documents <i>Marie Russell, U.S. EPA, OW/OWOW</i>
2:35– 2:40PM	Transition Break and Ice Breaker Question: What is your biggest challenge in managing HABs?
2:40 – 3:25PM	Research Spotlight – The freshwater marine continuum – downstream threats of cyanotoxins <i>Ellen Preece, California Department of Water Resources</i>
3:25 – 3:35PM	Break and Polling Question: What HAB research would most help your program?
3:35 – 4:35PM	Spotlight on State/Tribal Programs Panel: Messaging – Perception of HAB risks and Communicating health risk effectively, going beyond recreational advisories <i>Amy Jacobi, CDC, Thomas Ferrugia, Alaska Harmful Algal Bloom Network, Alaska Ocean Observing System; Sarah Ryan, Big Valley Band of Pomo</i>
4:35 – 4:45PM	Discussion of Responses to Polling Questions <i>Brenna Friday, U.S. EPA, OW/OWOW</i>
4:45 – 5:00PM	Summary of Webinar Series and Next Steps <i>Michael Paul, U.S. EPA, OW/OWOW</i>
5:00 – 5:05PM	Wrap up <i>Michael Paul, U.S. EPA, OW/OWOW</i> <i>Brenna Friday, U.S. EPA, OW/OWOW</i>
5:05PM	Adjourn