

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

**Day 1 Agenda: Monday, March 16<sup>th</sup>, 2026**

1:00 – 1:05PM	<p><b>Introduction to the Symposium</b>  <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><b>Welcoming Remarks</b>  <i>Russell Kaiser, Acting Director, Health and Ecological Assessment Division, OWOW/OW and Co-Chair, Interagency Working Group HABHRCA</i></p>
1:10 – 2:10PM	<p><b>Cyanotoxin Introduction – Introduction to toxins: who, what, why, and how?</b>  <i>Barry Rosen, Florida Gulf Coast University</i></p>
2:10 – 2:15PM	<p><b>Transition Break and Ice Breaker Question:</b> If you could be any harmful alga, which would you be?</p>
2:15 – 3:15PM	<p><b>Lesser known toxins – a review</b>  <i>Todd Miller, University of Wisconsin</i></p>
3:15 – 3:30PM	<p><b>Break and Polling Question:</b> What is your level of experience with HAB science? None, Novice, Medium, Wrote the Book</p>
3:30 – 4:30PM	<p><b>Spotlight on State/Tribal Program: Novel threshold development to protect animal and human health</b>  <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><b>Wrap up</b>  <i>Brenna Friday, U.S. EPA OW/OWOW</i>  <i>Michael Paul, U.S. EPA, OW/OWOW</i></p>
4:40PM	<p><b>Adjourn</b></p>

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Day 2 Agenda: Wednesday, March 18 <sup>th</sup> , 2026	
1:00 – 1:05PM	<p><b>Introduction and Logistics</b>  <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></p>
1:05 – 2:05PM	<p><b>Human Health Effects of Cyanotoxins</b>  <i>Steven Haller and Andrew Fribley, University of Toledo</i></p>
2:05– 2:15PM	<p><b>Transition Break and Ice Breaker Question:</b> Are you team hepatotoxin or team neurotoxin? Or maybe other?...</p>
2:15 – 3:15PM	<p><b>One Health Reporting of Cyanotoxin Illness: Current State, Future Directions, and the Complementary Roles of Human Health and Environmental Monitoring</b>  <i>Robyn Espinosa and Team CDC</i></p>
3:15 – 3:30PM	<p><b>Break and Polling Question:</b> What primary actions is your organization taking to monitor for and manage HABs?</p>
3:30 – 4:30PM	<p><b>Spotlight on State/Tribal Programs Panel: Improving coordination among human health and environment programs – Federal and State Perspectives</b>  <i>Hannah Bonner, Brigham Young University; Bridget O’Brien, Vermont Department of Environmental Quality</i></p>
4:30 – 4:40PM	<p><b>Wrap up</b>  <i>Robyn Espinosa, CDC</i>  <i>Jonathan Deeds, FDA</i></p>
4:40PM	<p><b>Adjourn</b></p>

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Day 3 Agenda: Monday, March 23 <sup>rd</sup> , 2026	
1:00 – 1:05PM	<p><b>Introduction and Logistics</b>  <i>Michael Paul, U.S. EPA, OW/OWOW</i>  <i>Brenna Friday, U.S. EPA, OW/OWOW</i>  <i>Robyn Espinosa, CDC</i>  <i>Jonathan Deeds, FDA</i></p>
1:05 – 2:05PM	<p><b>Animal Health Effects of Cyanotoxins</b>  <i>Donna Hill, U.S. EPA Office of Research and Development</i></p>
2:05– 2:15PM	<p><b>Transition Break and Ice Breaker Question:</b> What was your first pet’s name?</p>
2:15 – 3:15PM	<p><b>Vet practice experience in HAB exposure and improving communication standards on effects of HABs on animals</b>  <i>Sherri Kasper, Florida Health Department</i></p>
3:15 – 3:30PM	<p><b>Break and Polling Question:</b> What would you like to see covered in future webinars on HABs?</p>
3:30 – 4:30PM	<p><b>Spotlight on State/Tribal Programs Panel: State experiences in developing/applying cyanotoxin thresholds to protect animal health</b>  <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></p>
4:30 – 4:40PM	<p><b>Wrap up</b>  <i>Jonathan Deeds, FDA</i>  <i>Robyn Espinosa, CDC</i></p>
4:40PM	<p><b>Adjourn</b></p>

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Day 4 Agenda: Wednesday, March 25 <sup>th</sup> , 2026	
1:00 – 1:05PM	<p><b>Introduction and Logistics</b>  <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></p>
1:05 – 1:50PM	<p><b>Economic consequences of cyanotoxin health risks</b>  <i>Frank Lupi, Michigan State University</i></p>
1:50 – 2:35PM	<p><b>Tools for protecting human and veterinary health: Developing Health Effects Support Documents</b>  <i>Marie Russell, U.S. EPA, OW/OWOW</i></p>
2:35 – 2:40PM	<p><b>Transition Break and Ice Breaker Question:</b> What is your biggest challenge in managing HABs?</p>
2:40 – 3:25PM	<p><b>Research Spotlight – The freshwater marine continuum – downstream threats of cyanotoxins</b>  <i>Ellen Preece, California Department of Water Resources</i></p>
3:25 – 3:35PM	<p><b>Break and Polling Question:</b> What HAB research would most help your program?</p>
3:35 – 4:35PM	<p><b>Spotlight on State/Tribal Programs Panel: Messaging – Perception of HAB risks and Communicating health risk effectively, going beyond recreational advisories</b>  <i>Amy Jacobi, CDC, Thomas Ferrugia, Alaska Harmful Algal Bloom Network, Alaska Ocean Observing System; Sarah Ryan, Big Valley Band of Pomo</i></p>
4:35 – 4:45PM	<p><b>Discussion of Responses to Polling Questions</b>  <i>Brenna Friday, U.S. EPA, OW/OWOW</i></p>
4:45 – 5:00PM	<p><b>Summary of Webinar Series and Next Steps</b>  <i>Michael Paul, U.S. EPA, OW/OWOW</i></p>
5:00 – 5:05PM	<p><b>Wrap up</b>  <i>Michael Paul, U.S. EPA, OW/OWOW</i>  <i>Brenna Friday, U.S. EPA, OW/OWOW</i></p>
5:05PM	<p><b>Adjourn</b></p>