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Woods Hole Oceanographic Institution

BENEATH *the* SURFACE

January 2017

☰ FEATURES



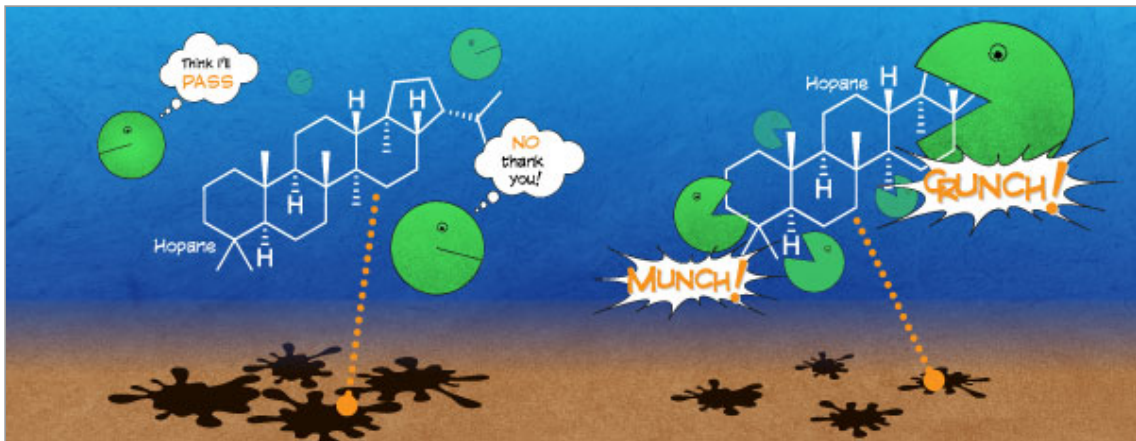
Some Fish Quickly Adapt to Lethal Levels of Pollution

WHOI scientist helps decode the genetics underlying killifish survival



Communicating Under Sea Ice

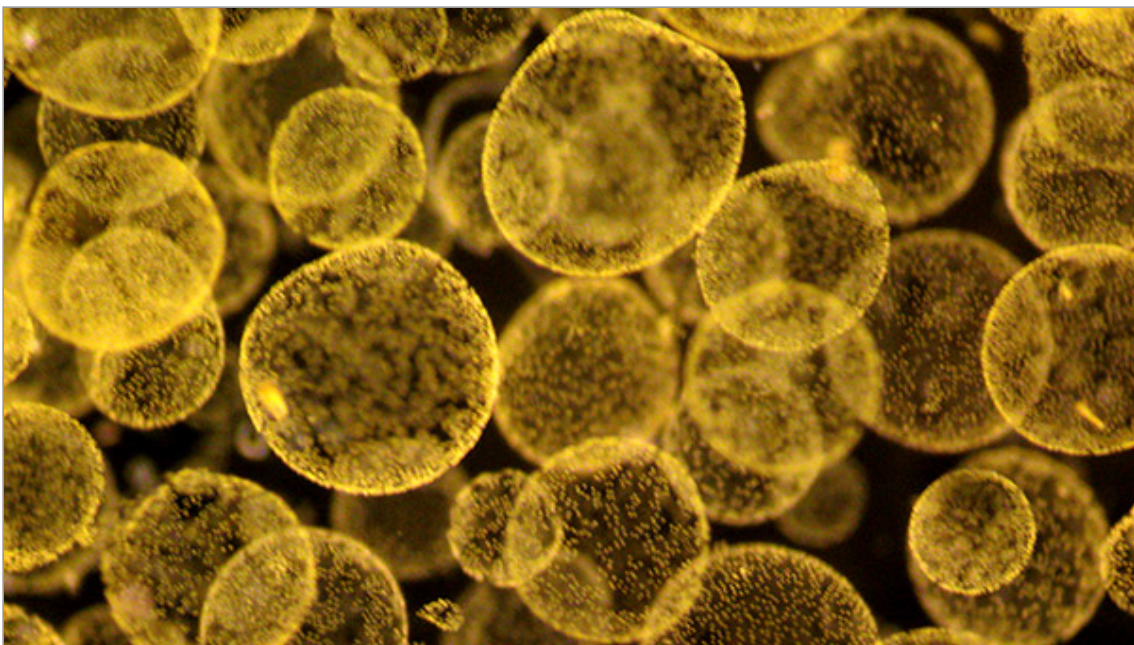
Engineers use ocean physics to relay sound in the Arctic



What Happened to Deepwater Horizon Oil?

Did dispersants help microbes break down oil?

📷 IMAGE OF THE MONTH



Golden Globes

This universe of golden-yellow bubbles is actually a sample of Antarctic marine [phytoplankton](#) called *Phaeocystis*. The tiny yellow dots on each ball are actually individual algal cells forming hollow spherical colonies that can develop into large blooms. WHOI researchers [Rebecca Gast](#), Julie Rose, and Dawn Moran collected these in 2005 in the Ross Sea, Antarctica. Gast's research focuses on protists and other microbes and on developing molecular and culture techniques to study their biodiversity and physiology in extreme environments, including in [extreme cold](#). Photo by Dawn Moran, Woods Hole Oceanographic Institution)

 **WHOI IN THE NEWS**

» [Looking for aliens in the Arctic](#)

Popular Science

» [Scientists should be active but apolitical \(with David L. Valentine\)](#)

Huffington Post

» [Diving drones are mining the ocean depths for data and they could soon predict the weather](#)

Wired

» [No danger seen from Fukushima "fingerprint" on US West Coast](#)

Christian Science Monitor

#KNOW YOUR OCEAN



The average depth of the ocean is 3,680 meters (2.3 miles) nearly as deep as Mt. Fuji is tall.

 **EVENTS & END NOTES**

Happy Birthday, WHOI!

Today, January 6, marks the 87th anniversary of the [Institution's founding](#). Activities in Bigelow Laboratory, named for [WHOI's founder](#), remain at the forefront of oceanography and include the development of [new tools](#) and new knowledge about the ocean.

Welcome, New Members!

Not a member? [Join today](#) to get the inside scoop on ocean research and exploration...while providing invaluable support for our work.

Events Calendar

View the schedule for seminars, forums, lectures and more.

See you in April

The Ocean Science Exhibit Center is closed for the season. See you on April 18. Meantime, our [online store](#) is always open.

Peanut Butter Club

Fridays at noon in Redfield Auditorium. January 13 video Presentation: "Super Tunnel."

Thank you!

Thanks to all of our 2016 donors, members, and everyone who shopped with [Amazon Smile](#) in support of WHOI. Your support makes all the difference.

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Join the growing WHOI community on social media and keep up with breaking news, surprising stories, and beautiful images.

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Where are WHOI ships now?

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Woods Hole Oceanographic Institution (WHOI) is the world's leading non-profit oceanographic research organization. Our mission is to explore and understand the ocean and to educate scientists, students, decision-makers, and the public.

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