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](http://give.whoi.edu) in support of WHOI. Your support makes all the difference.

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### JOIN THE CONVERSATION

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

**Not signed up yet?** Don't miss our monthly enewsletter to learn more about ocean science research at WHOI. [Sign up now and get a FREE ringtone.](http://give.whoi.edu)

Where are WHOI ships now?

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WHOI is proud to hold Charity Navigator's highest rating for the seventh year.

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