

# Lab Lines

DECEMBER 2021

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Ho Ho Ho....

As we close in on the end of this second turbulent year, I want to take a moment to thank all in the CBL community for their unceasing positivity over the last 12 months that has helped us weather the storm. We have continued to teach and train graduate students, develop careers of our staff and maintained a high standard for excellence in our science. These achievements have not come about by chance. They have come about because everyone has chosen to give of their time to others, chosen to do what is best for the community and chosen to keep calm and carry on despite all of the uncertainty. I could not be more proud of what we have achieved.

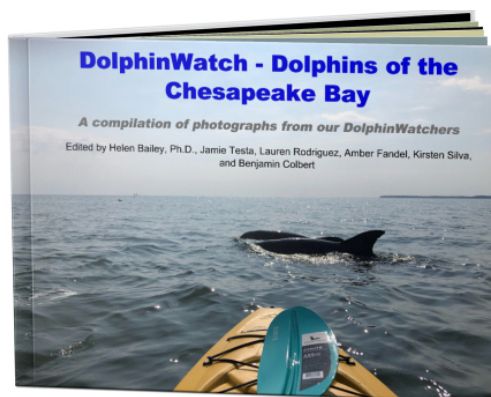
I close by wishing everyone a wonderful holiday season, filled with family and friends, with love and laughter and with rest and relaxation. Take the time to hug the ones you love and thank those who enrich our lives with their kindness and support. It really does take a village.

Cheers, Tom

## IN CASE YOU MISSED IT

The Chesapeake DolphinWatch book is available to view and purchase online at: <https://www.prestophoto.com/bookstore/457242>.

They have raised over \$2,500 during their Giving Tuesday campaign which will be used to donate about 50 copies of the book to local schools. If you would like to help, you can donate at <http://bit.ly/dolphinwatch-donate>.



Jackie Grebmeier was selected by the National Science Foundation to be one of four polar scientists to provide a briefing to Monica Medina, Assistant Secretary for Oceans and International Environmental and Scientific Affairs in the Department of State. Jackie will provide information in the briefing on "Climate impacts on biodiversity and ecosystems in polar regions".

Lee Cooper was a co-author on an article on international scientific cooperation in the Russian Arctic, which was printed in English and Russian in the Arctic Herald, a Russian magazine published by the Russian State Commission For Arctic Development, the Russian Geographical Society, and the Northern (Arctic) Federal University. The article was distributed at a meeting of the Senior Arctic Officials of the eight countries of the Arctic Council.

Lisa Wainger attended, as a presenter and panelist, the "Environmental Finance Mechanisms for Enhancing Maryland's Blue Carbon" webinar on December 15th. This webinar and the panel discussion explored available and future potential environmental finance mechanisms to protect and enhance Maryland's blue carbon ecosystems." More details [here](#).

This is a friendly reminder that the Lab is scheduled to be closed Thursday, December 23 - Sunday, January 2. With many employees taking extra time off around this break, faculty are encouraged to have proposals through the process prior to December 17th. The CBL Business office stopped order processing December 14th, so any orders received after then will be held until return in January. During the campus closure, deliveries will not be accepted. This is especially important for any lab that receives samples. Lastly, please let Stacy Hutchinson know if a lab will still be operational during the break and the employees expected to be on campus. A list of active areas/employees accessing campus is essential for safety purposes.

## Publications

Dave Secor was co-author of a paper awarded best paper of the year by the American Fisheries Society: Bangley, C.W., T.H. Curtis, D.H. Secor, M.B. Ogburn. 2020. Search for important habitat for juvenile dusky sharks (*Carcharhinus obscurus*) in the Northwest Atlantic Ocean using acoustic telemetry and spatial modeling. Marine and Coastal Fisheries 12:348-363. <https://doi.org/10.1002/mcf2.10120> [UMCES Cont. No. 5921]

White, S.L. R. Johnson, B.A. Lubinski, M.S. Eackles, D.H. Secor, and D.C. Kazyak. 2021. Stock composition of the historical New York Bight Atlantic sturgeon fishery revealed through microsatellite analysis of archived spines. Marine and Coastal Fisheries 13:701-708 <https://doi.org/10.1002/mcf2.10187> [UMCES Cont. No. 6074]

## Flooding Photo Call

Do you have photos of Solomons Island flooding from October 2021 that you are willing to share with the community? CBL Outreach is looking for photos that may be used show current flooding and coastal inundation in the Campus Sign Project. Add your photos to the ["2021 Solomons Island Flooding" Google Drive](#).

## High School Research Competition - Reviewers Requested

The Patuxent Partnership is looking for scientists to read and score research papers that will be submitted by Maryland high school students as part of the Maryland [Junior Science and Humanities Symposia \(JSHS\) Program](#). CBL faculty, FRAs, students, and scientists are welcome to participate, and had a great presence last year.

Those willing to volunteer will be asked to read and grade a few research papers (each paper is 5-20 pages long, including appendices & references). Research papers will be sent to reviewers on/around January 14th, with evaluation forms due on February 17th. Awards will be given to students in April. For additional details, please see the email below.

If you are interested in volunteering as a reviewer, please email Barbara Ives at [barbara.ives@paxpartnership.org](mailto:barbara.ives@paxpartnership.org), cc-ing Sarah Brzezinski ([brzezins@umces.edu](mailto:brzezins@umces.edu)), as soon as you are able.

## Safety Corner: Spills - Cheryl Clark

Spills are a common laboratory occurrence and most of us have experienced them over the years. Fortunately, most are small and easily cleaned up. However, there may be occasions where a spill is an emergency that requires immediate action to prevent any physical or environmental harm. Laboratory personnel should be able assess the hazards involved and take the appropriate action so they are able to quickly take control of the situation. This is a good reminder to be sure that you keep yourself informed (Safety Data Sheets, labels) about the chemicals in your laboratory and to know what to do in the event of a spill or any other emergency situation.

Please remember that if there is a spill you are not required to clean it up, but you are required to report it to your supervisor. If you do not know what has been spilled, do not attempt to clean it up. It is important to label all of your containers so everyone who is in the lab will know what is in the container. Every lab should have spill kits available to match the hazards in the lab. There are also spill kits in the hallways of the buildings. If a significant quantity of a chemical has spilled - call maintenance, they have the equipment necessary to contain a large spill.

Spills involving a chemical with a low toxicity that has no potential for overexposure or as an inhalation hazard are generally safe to clean up. The same is true for chemicals that do not pose a significant fire or environmental hazard. Spills involving any quantity of highly toxic or flammable chemicals in the lab, in a public area (hallways) or near drains will usually require an emergency response. In the case of highly toxic chemicals, do not attempt to clean a spill of any size.

<https://www.mtech.edu/env-health-safety/emergency/chemical-spills.html>

<https://ehs.princeton.edu/chemical/spill/procedures>

<https://ehs.ucsf.edu/chemical-spills>

