

# Lab Lines

NOV 2019

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## DIRECTOR'S VIEW

This is a great time on campus. In the run up to Halloween the AAUW chapter on campus promoted a pumpkin carving afternoon – complete with carrot cake flavored Oreos as snacks. I want to thank all in the Business Office for organizing a brilliant Halloween /Chili cook-off. Congratulations go to the Gonsior lab for their team costume – five Michaels, and to Carys Mitchelmore for a remarkably creative and colorful sea anemone headdress. Coming up in the next few weeks, look for the three canvases that people worked on over the summer to be hung in the North entrance of Truitt. Please also mark your calendar for November 21 when the AAUW chapter have invited Dr. Doris MacDonald from the Calvert County Health Department to come to campus for a lunchtime forum on mental health issues. Please hold Monday Dec 16 for the CBL Awards Ceremony / Holiday celebration. It is not too early to be thinking about gifts for the Yankee Swap (I know one person who has been collecting all year) and wonderful Christmas jumpers. Finally, with the clocks going back, please take extra precaution around campus at the end of the day – no one is used to the dark nights yet.

## TRAVEL & AWARDS

Jeremy Testa, Chunqi Shen, Drew Hobbs, and Isabel Sanchez traveled to the CERF Meeting in Mobile, Alabama from November 3-7.

Christopher Rowe gave a public seminar at Asbury retirement village on October 24. The title was "Declining Global Biodiversity: What Have We Done?"

Dong Liang traveled to Washington, D.C. on October 22nd to the fourth Artificial Intelligence for Science Townhall meeting organized by the U.S. Department of Energy.

Carys Mitchelmore was an invited guest speaker at the 2019 [Cosmetic Science Symposium and Expo](#) held at the Sonesta Philadelphia Rittenhouse Square, Philadelphia, PA on October 29-30th. She talked about the "Presence and Ecotoxicological assessment of UV filters" highlighting the research she and Drs. Gonsior and Heyes conduct

## WORK ORDERS & RESERVATION FORMS ONLINE

Please use the online forms when requesting meeting space, vehicles and apartments/dorms or when submitting a request for work to be completed. <http://www.umces.edu/cbl-forms>

If you have a critical issue, please call 410-326-7333 and report the situation for immediate response.

at CBL.

Dr. Mitchelmore also attended, presented, and chaired a session on the "Concentrations and impacts of UV filters in Aquatic Environments" for the SETAC North America 40th Annual meeting in Toronto, Canada. Annaleise Conway, a MSc student in her laboratory gave a talk at this conference on "Investigating the Toxicity of the UV filter Benzophenone-3 (BP-3 or oxybenzone) on the hard coral *Galaxea fascicularis*."

Lora Harris traveled to the Coastal and Estuarine Research Federation meeting to announce the theme for the 2021 CERF meeting she is co-chairing with Dr. Mark Brush of VIMS. CERF 2021 will be held in Richmond, VA and celebrates the 50th anniversary of the Federation.

Lora Harris and Jamie Pierson (HPL) are being supported by the National Science Foundation to participate in a workshop in New York City from November 14-16th focused on "The Dissemination of Undergraduate Research Initiatives that Support Diversity and Inclusion in the Geoscience". Their work at this event will focus on developing a publication describing the Centro TORTUGA program in Puerto Rico that has been led by Maryland Sea Grant in a collaboration with Drs. Fredrika Moser, Mike Allen and colleagues in Puerto Rico, Maria Barberena-Arias and Pedro Maldonado and Carlos Olivo-Delgado. The workshop is designed to help geoscientists learn how to publish their results from higher education case studies.

Tom Miller will be in D.C. on November 12-14, attending the

National Academy's Ocean Studies Board.

Caroline Wiernicki has been placed with the office of the Oceanographer of the Navy as part of her 2020 Knauss Fellowship (beginning February 1, 2020).

## FACILITIES PROJECTS

Calvert County is currently in the design phase of a redundant, continuous water main loop for the public water service. The water line will extend from the end of Dowell Road, under the back creek and connects near the bulkhead at RFO. This will allow for a continuous water main which will provide CBL with expanded service (currently we are at the end of the line) when water main disruptions occur. This project is currently at the 30% design phase – a construction timeline has not been determined yet and we are working closely with the design team and will keep the CBL community informed as this moves forward.

## HUMAN RESOURCES INFORMATIONS

Open Enrollment!! The deadline for changes to your medical/dental coverage is November 14! If you need to make changes, please do not wait until the last minute.

# Outreach Activities



## VISITOR CENTERS & TOURS

In November, the Chesapeake Biological Laboratory Visitor Center will be open every Friday through Sunday from 9:30am – 4:30pm.

The Visitor Center will also be open from 9:30am – 4:30pm on Sunday, December 1st; Friday, December 6th; Saturday, December 7th; and Sunday, December 8th, with extended hours on December 7th until 8:00pm for the Solomons Island Christmas Walk and Lighted Boat Parade.

The Visitor Center will close for the winter season starting on December 9th. Learn more about the Visitor Center at: <https://www.umces.edu/cbl/visitor-center>.

Group Tours can be arranged throughout the year by contacting the Outreach Coordinator.

## SOCIAL MEDIA

On October 23rd, student videos were filmed featuring Kohma Arai, Nicole Barbour, Annaleise Conway, Alex Fireman, and Jerelle Jesse. These 2-3 minute videos, explaining who these individuals are, what they are researching, and why that research is important, will be featured in the CBL Visitor Center and online next year.

## STUDENT VIDEO FILMING

Did you know that the Chesapeake Biological Laboratory has social media accounts? Follow us on Twitter at @CBLOutreach and on Facebook at [www.facebook.com/ChesapeakeBioLab/](http://www.facebook.com/ChesapeakeBioLab/).

## PLASTICWATCH

Three Plastic marine debris educational signs will be installed along the Solomons Island Boardwalk soon!

# #GIVING TUESDAY™

DECEMBER 3, 2019

During the final months of the year, many turn their attention to gift-giving. In 2012, a national initiative was begun to “fill the heart, not the shopping cart” on the Tuesday following Thanksgiving. Giving Tuesday is a chance to give to charity, and for the past two years, it’s been an opportunity for friends to support the work at CBL. Last year we raised \$40,000 for the Giving Tuesday Challenge. It’s an exciting effort to help students and the science at CBL.

I know that many of you are proud to be a part of CBL. If you would like to support this effort, no matter what the donation, it would be deeply appreciated.

Contact Dr. Miller or Jeane Wharton with questions or suggestions. Donations may be in the form of checks made to UMCES Foundation with CBL in the memo line or give online at

<https://www.givecampus.com/campaigns/2969/donations/new>

### BLEACH (SODIUM HYPOCHLORITE)

During laboratory inspections, I have noticed that bleach is being stored with acids and ammonia products. Since I have seen this on several occasions, I have decided to provide safety tips for storing bleach in the laboratory and household in this month's newsletter. Please remember that bleach should not be stored with acids and ammonia because toxic gases can form which can be lethal. Here are some articles about storing bleach:

<https://ehs.berkeley.edu/lessons-learned/lesson-learned-accidental-mixing-bleach-and-acid>

<https://www.thekitchn.com/best-ways-to-store-bleach-257766>

<https://www.msdsonline.com/2014/02/12/bleach-sodium-hypochlorite-safety-tips-bleach-safety-instruction/>

<https://www.atsdr.cdc.gov/MHMI/mmg184.pdf>

### UPCOMING EVENTS: FACULTY SEMINARS FALL 2019

- **NOVEMBER 13** Dr. Kevin C. Weng, VIMS. *Plasticity and adaptation: migratory coastal fishes under climate change*
- **NOVEMBER 20** Dr. Emily Cohen, UMCES Appalachian Laboratory. *Local to hemisphere movements of migratory birds in a dynamic world*
- **DECEMBER 4** Dr. Sarah Latchney, St. Mary's College. *TBD*

