

Lab Lines

APRIL 2017

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We need your sightings! As part of the DolphinWatch project we are developing a mobile app that will allow members of the public to report their sightings to aid in our research on bottlenose dolphins in the Chesapeake Bay. This app will be launched at the end of May. If you see dolphins before then, please send an e-mail to Helen Bailey (hbailey@umces.edu) with the date, time and location. More information is available on the DolphinWatch webpage: <http://www.umces.edu/dolphinwatch>.

RESEARCH & AWARDS

Dr. Mario Tamburri received additional time and funds from the NSF International (January 1, 2017 through June 30, 2018). The title for this project is: *Shipboard Testing of Ballast Water*.

Jerry Frank received an award from the Maryland Department of the Environment (MDE) (January 1, 2017 to December 31, 2018). The title for this project is: *MDE/USDA-NRCS National Water Quality Initiative Catoctin Creek Watershed Water Quality Monitoring Project*.

STUDENT ACHIEVEMENTS

Congratulations to UMCES-UMCP M.S. students Gray Redding and Aimee Hoover who successfully defended their theses during the week of March 13. Coincidentally, they are both interns in the Sea Grant Knauss Fellowship Program, working in NMFS offices in Silver Spring, MD.

Ginni La Rosa tied for third place winning a student award for her poster at the American Fisheries Society Tidewater Chapter in Virginia Beach, Virginia.

OUTREACH

The Science for Citizens seminar series is designed to engage members of the Solomons, Calvert, and St Mary's communities in learning about who we are here at CBL, what we do, and why it is important. Spring 2017 seminars are listed below:

- April 4 - A View into the Secret Lives of Animals on the Swim
- April 11 - A Plastic Ocean Film Screenings
- April 18 - Raising the Grade: Patuxent River & Chesapeake Bay Report Cards
- April 25 - Foraging in the Chesapeake

Learn more about these Science for Citizens seminars at: <http://www.umces.edu/cbl/outreach-seminars>.

NEW PERSONNEL

Will Jeter has joined Mario Tamburri's group as a Faculty Research Assistant.

Marvin Mace will be working with Michael Wilberg. Marvin will be located in the Annapolis office.

Caroline Wiernicki has moved from an hourly appointment into a permanent position as a Faculty Research Assistant with Dave Secor.

FACILITIES & SUSTAINABILITY

CBL Facilities – Notice a problem? Office unusually cold/hot? Restroom sink won't turn off? We rely on everyone at CBL to make us aware of concerns immediately so we can check it out and take action. Reporting issues is easy. Dial x253 during business hours or x333 after hours for assistance.

Beaven Hall repairs are continuing and the Business Office remains located in Mansueti and the Directors Office has temporarily moved to Kopp House 1st Floor. The exterior and interior repairs are occurring simultaneously. Stay-tuned for more info as this project continues.

The Mansueti project is in the hands of Procurement for contractor award as is the BFL improvement project.

Safety Reminders: As the weather becomes warmer the Island becomes a very popular place for visitors walking around campus. Please pay attention to your surroundings. Also, as you arrive/depart campus, please pay close attention to pedestrians crossing Williams Street and Charles Street.

Please ensure that open windows are securely closed at the end of each day.



High Five Club – March is now behind us...did you carpool, ride a bike or drive a hybrid car in March? If so, drop Stacy an email so you can collect your High-Five Prize! "High Five" to those who have reported their participation - Way To Go! Johan Schijf, Ryan Woodland, Jeremy Testa, Carys Mitchelmore, Amber Fandel and Leila Fouda.

As a reminder...the Carpool and Hybrid parking spot are reserved for these purposes. Please don't park in the spots if you don't qualify.

PUBLICATIONS

Osborne, A.H., Hathorne, E.C., **Schijf, J.**, Plancherel, Y., Boning, P. and Frank, M. (2017). *The Potential of Sedimentary Foraminiferal Rare Earth Element Patterns to Trace Water Masses in the Past*. 2017. *Geochem. Geophys. Geosyst.* doi:10.1002/2016GC006782.

Ruf, A., Kanawati, B., Hertokorn, N., Yin, Q., Moritz, F., Harir, M., Lucio, M., Michalke, B., Wimpenny, J., Shilobreeva, S., Bronsky, B., Saraykin, V., Gabelica, Z., Gougeon, R., Quirico, E., Ralew, S., Jakubowski, T., Haack, H., **Gonsior, M.**, Jenniskens, P., Hinman, N., and Schmitt-Kopplin, P. Previously Unknown Class of Metalorganic Compounds Revealed in Meteorites. 2017. *Meteoritics & Planetary Science*. doi:10.1073. www.pnas.org/content/114/11/2819.full.pdf?sid=02cfb0b3-5783-4925-b13e-9d02bb42acc0.

Orth, R., Dennison, W., Lefcheck, S., Gurbisz, C., Hannam, M., Keisman, J., Landry, J., Moore, K., Murphy, R., Patrick, C., **Testa, J.**, Weller, D., Wilcox, D. *Submersed Aquatic Vegetation in the Chesapeake Bay: Sentinel Species in a Changing World*. 2017. *BioScience*. In press.

Forth, H., **Mitchellmore, C.**, Morris, J., Lay, C., Lipton, J. *Characterization of dissolved and particulate phases of water accommodated fractions used to conduct aquatic toxicity testing in support of the Deepwater Horizon natural resource damage assessment*. 2017. *Environmental Toxicology and Chemistry*. In press.

WHO'S ON TRAVEL?

Helen Bailey and Jessica Wingfield will be meeting with collaborators at the Bioacoustics Research Program at Cornell University, Ithaca, NY to discuss their findings on the occurrence of whales in the Mayland Wind Energy area.



Helen Bailey has been invited to participate in the topic *Wind, Waves, Whales and Wrecks: The Want, Why and Where of Data* at the International Offshore Wind Partnering Forum located in Annapolis, MD.

Ginni La Rosa and Ryan Woodland traveled to Virginia Beach, Virginia to attend the American Fisheries Society Tidewater Chapter, March 9-11. The title of their presentation was: *Spatial and temporal gradients of black sea bass (Centropristis striata) diet and condition in the Mid-Atlantic Bight*.

Christopher Sweetman, Andre Buchheister, Ryan Woodland, Edward Houde, Carlos Lozano, and Robert Latour also presented at the American Fisheries Society Tidewater Chapter in Virginia Beach, Virginia. The title of their presentation was: *Consumption patterns of Chesapeake Bay fishes*.

Ryan Woodland, Carlos Lozano, Ed Houde, Robert Latour, Chris Sweetman, Andre Buchheister, Mary Fabrizio, and Troy Tuckey presented at the Tidewater Chapter in Virginia Beach, Virginia. The title of their presentation was *Environmental drivers of forage dynamics in Chesapeake Bay*. American Fisheries Society Tidewater Chapter, March 9-11, 2017, Virginia Beach, VA.

Michael Wilberg also attended the Tidewater American Fisheries Society Tidewater Chapter located in Virginia Beach, Virginia in March.

UPCOMING EVENTS



- **April 11 - Science for Citizens: A Plastic Ocean film Screening with Dr. Michael Gonsior:**
First Screening: 2:00 p.m.
Second Screening: 6:00 p.m.
- **April 18 - Raising the Grade: Patuxent River and Chesapeake Bay Report Cards with Dr. Bill Dennison, 7:00 p.m.**
- **April 25 - Foraging in the Chesapeake with Dr. Ryan Woodland, 7:00 p.m.**
- **September 17 - Waterman's Docking Festival**

