

# Science

on the

# Sound

lecture series



**“Germ in the Derm?  
What mark-recapture studies can  
tell us about local dolphin and  
environmental health.”**

**6:00 pm, May 21, 2015**

UNC Coastal Studies Institute  
850 Hwy 345, Wanchese, NC

Join us for an evening presentation from Jessica Taylor, President and Principal Investigator at the Outer Banks Center for Dolphin Research (OBXCDR).

She has conducted a long-term study on the bottlenose dolphins in Roanoke Sound since 2008. By photographing the distinctive markings on their dorsal fins, the OBXCDR are able to track individual dolphins over time. When they surface, researchers are also able to observe various types of skin lesions that may be indicative of reactions to environmental variables or evidence of viral, bacterial, or fungal diseases. In 2012, the OBXCDR conducted a preliminary study examining the prevalence and types of skin lesions on dolphins in Roanoke Sound. Ms. Taylor will present the results of this study as well as the relationship between the health of the local dolphin population and the health of Roanoke Sound.

This program will also be broadcast LIVE at the following address: <http://csi.northcarolina.edu/ustream>