



## Excelitas donates eleven X-Cite® illuminators to Marine Biological Laboratory

The Marine Biological Laboratory (MBL) located in Woodshole, Massachusetts is a world-renowned scientific institution. Throughout the year, scientists and students come to the MBL to pursue research and education in diverse areas of fundamental biological discovery. It is with distinct honor that Excelitas Technologies® was able to donate eleven X-Cite illuminators to these prestigious workshops and Core Labs.



“We are so pleased to have these light sources for the education department – this donation has upgraded our remaining systems from mercury light sources. They will be used in many different ways by a wide array of our students, faculty and staff, particularly those in our advanced research training courses whose students and faculty come from all over the world and will get firsthand experience with them. The undergraduate and high school discovery courses will also make use of them during their time here at the MBL.”  
Linda Hyman and Maia Theophanis



Linda Hyman is the Director of Education at MBL



“Thanks for the useful and generous donation - we installed three X-Cite illuminators and will install the others as microscopes come online for our busy summer season.”  
Louie Kerr, *Director of Imaging Services for the Core Labs at MBL.*

### The three systems installed:

1. A two-photon confocal microscope that is adaptable to inverted or upright (or horizontal) alignment with variable stage assemblies to adapt to different samples. It will first be used this summer by one of our Grass Foundation sponsored Grass Fellow who will use it in a neurobiology project.

<https://www.mbl.edu/news/welcome-2022-grass-fellows>

2. A Zeiss AxioScope upright microscope will be used by Dr. Rindy Jaffe, University of Connecticut Health Center, in the Frontiers in Reproduction Course to demonstrate egg/sperm interactions and microinjection of eggs and embryos.

<https://www.mbl.edu/education/advanced-research-training-courses/course-offerings/frontiers-reproduction>

3. An Olympus upright microscope in the lab of Dr. Zoe Cardon from the MBL Ecosystems Center.

<https://www.mbl.edu/research/faculty-and-whitman-scientists/Zoe%20>



Suzanne Thomas in Dr. Zoe Cardon's Ecosystems Center lab.



Maia Theophanis is the Laboratory Operations manager at MBL



"MBL offers guided seasonal tours during the summer months. If you are in the Boston or Cape Cod area and have not had the opportunity to visit this renowned campus, I highly recommend it. Their expertise is second to none and the people are as friendly as they are hard working."  
Jennifer Melo, Business Development Manager at Excelitas Technologies