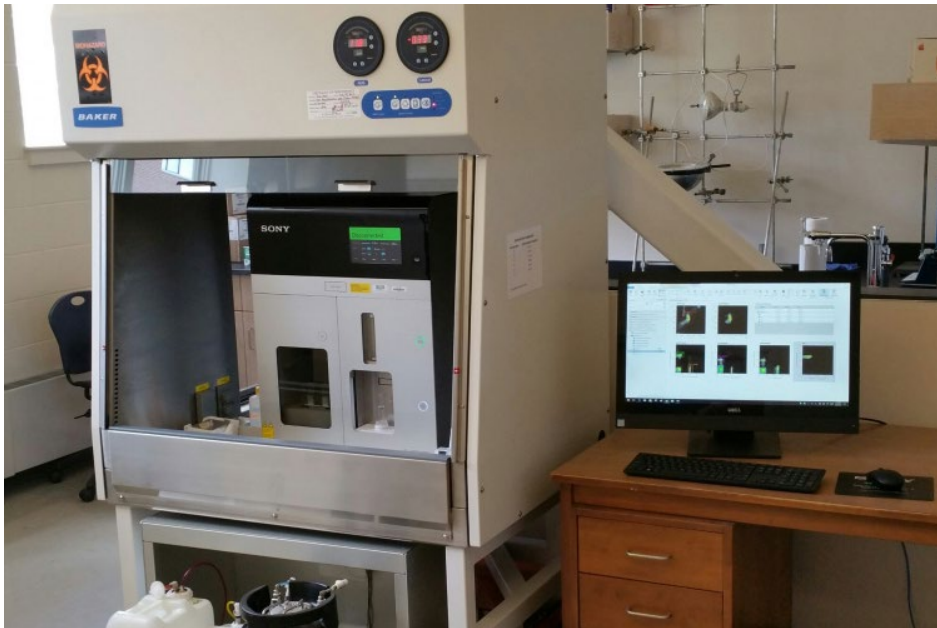


Cell Sorter

New instrument analyzes and sorts live cells

Tuesday, August 29, 2017



Need your cells sorted? The [University Instrumentation Center's](#) new sorting flow cytometer can help. The four-laser, six-color [Sony SH800Z](#), contained within a biosafety cabinet, both analyzes and sorts live or fixed cells. It's housed in the newly remodeled Parsons W118A, a dedicated flow cytometry facility with a Biological Safety Level Two (BSL-2) rating, where researchers can perform flow cytometric analysis and sorting on live cells that pose a moderate health risk to humans. "The cell sorter adds to the UIC's capabilities by allowing researchers to not only analyze a suspension of cells for heterogeneity (in terms of size, internal complexity and fluorescence labeling), but also to use the

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information in that analysis to select and collect just the cells that the researcher wants to work with,” says Mark Townley, analytical instrumentation scientist. [Contact him](#) for inquiries about using this instrument or its labmate, a two-laser, four-color [Becton-Dickinson FACSCalibur](#) that analyzes, but does not sort, cells. The UIC’s services are available to all UNH faculty, students, staff and non-UNH academic entities, as well as government and industrial clients.

WRITTEN [Beth Potier](#) | Communications and Public Affairs |

BY: beth.potier@unh.edu | 2-1566

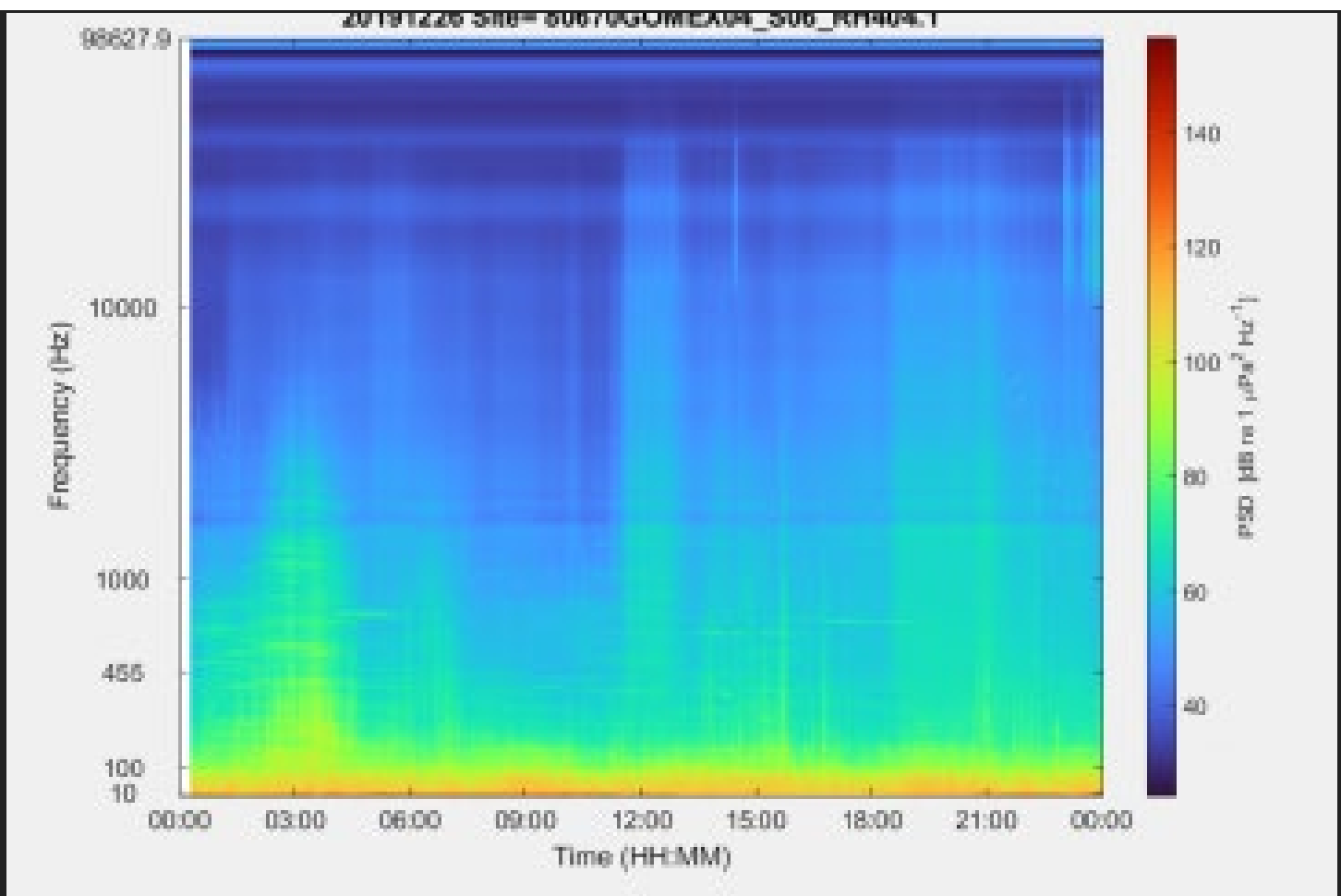
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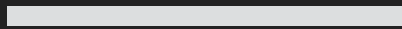
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