

About The Laboratories

The BioPACIFIC MIP operates a one of a kind user facility dedicated to creating a nexus for synthetic biology and materials to revolutionize high-performance polymers. The laboratories are located in Elings Hall, home of the California NanoSystems Institute (CNSI) at the University of California, Santa Barbara.

The Synthesis and characterization laboratory is located in 3411 Elings, is a share use research laboratory that provides equipment for the synthesis and characterization of bio-inspire materials. It houses the Prelude X peptide synthesizer enabling users to synthesize peptides and related structures.

The additive manufacturing laboratories is located in 3436B Elings, is a share laboratory that houses a variety of processes, equipment, and materials in the production of three-dimensional object via additive manufacturing. Materials extrusion is performed using the BIO X and Ultimaker3 printers Stereolithography (SLA) is performed using Lumen X+, Mono1, Mono3, and FormLab printers

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