

# BioPACIFIC MIP

BioPACIFIC MIP (Bio Polymer, Additive Manufacturing, and Composites Innovation for Chemistry, Materials, and Interfaces Program) is a **Materials Innovation Platform** funded by the **National Science Foundation (NSF)**, dedicated to advancing research and development in the fields of polymers, biomaterials, soft materials, and synthetic biology. Its primary mission is to accelerate materials discovery and innovation by integrating cutting-edge tools, experimental methods, and data science. The combination of automation, high-throughput experimentation, and data-driven methods supports rapid advancements in both synthetic biology and material development.

This Wiki serves as a resource for users and researchers working with BioPACIFIC MIP. It offers detailed guidance on accessing the facility after proposal approval, instrument specifications and manuals, user guides, and describes common safety concerns in working with the equipment. The wiki also features a dedicated section for the BPM electronic lab notebook and Laboratory Information Management System (LIMS), helping users streamline their data management and research documentation. Additionally, it provides an introduction to the user portal, which is the gateway through which users access the BioPACIFIC MIP Digital Ecosystem.

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