

Fabrication & Prototyping

Get access to UCI core facilities for micro/nano device fabrication, modeling, design and prototyping of material manufacturing, additive manufacturing, and advanced characterization techniques.

- Large clean rooms (class 1000, 10000, and 100) with state of the art fabrication and testing equipment as well as extensive technical support for developing devices at [INRF](#).
- Dedicated clean rooms (class 100) with exclusive equipment and support for developing processes and devices using biological and organic materials at [BiON](#).
- Machine shop with machinist, rapid prototyping, 3D fabrication and design, etc. at [IDMI](#).

Testing & Development

Rapidly develop and improve your products by utilizing top-notch consulting services and training for high throughput genomic & proteomic analysis, stem cell studies, bioinformatics support, etc. Utilize specialized instruments for high-throughput platforms, microscopy, spectroscopy, mechanical analysis, etc.

- Bioinformatics support, state-of-the-art instruments, and other services for genome-wide analysis at [Genomics High-throughput facility](#).
- State-of-the-art optical microscopes and experimental design support at [Optical biology Core](#).
- Material and surface characterization of biological samples and devices at [IMRI](#).

Clinical & pre-Clinical

Receive assistance from experienced clinicians and biostatistician for designing and conducting clinical studies, conducting needs assessment, obtaining stakeholder point of view, or gaining insights into reimbursement structures, etc.

- Especially trained research nursing, technical and support staff and large selection of procedural support from developing grant proposals, study design, power and sample size calculations, IRB applications, etc. at [ICTS](#).
- Access to and analysis of human and animal tissues for translational and clinical research at [Experimental Tissue Resource](#)
- Comprehensive clinical research infrastructure at iRISE (being developed at UCI Medical School)