

ADVANCED TECHNOLOGIES FOR URI RESEARCHERS AND RHODE ISLAND'S BUSINESS COMMUNITY

OUR RESEARCH CENTERS AND CORE FACILITIES PROVIDE

access to sophisticated equipment, staff support, sample analyses, research collaborations, and student training. For a detailed, searchable listing of all research equipment available for shared use in Rhode Island, visit CoresRI www.coresri.org



BIOMEDICAL CORE

<https://web.uri.edu/riinbre/core-facility/>

Instrumentation Core

<https://web.uri.edu/riinbre/core-facility/>

Cell culture, chromatography, mass spectrometry, spectrometry, microscopy & imaging, NMR instrumentation

Ang Cai, Ph.D. angcai@uri.edu

Molecular Informatics Core

<https://web.uri.edu/riinbre/mic/>

Sequencing (Sanger and Illumina MiSeq), bioinformatics, data science, virtual reality

Christopher Hemme, Ph.D. (Bioinformatics) hemmecl@uri.edu

Janet Atoyan (Sequencing) jatoyan@uri.edu

DIVING RESEARCH AND SAFETY PROGRAM

<https://web.uri.edu/research-admin/diving-safety-research-program/>

Advanced scientific SCUBA diving research services, education, training

Anya Hanson anyahanson@uri.edu

ENGINEERING ANALYTICAL FACILITY

<https://web.uri.edu/nano/analytical-core/>

GC mass spectrometry, high performance liquid chromatography, spectrofluorometry and related instrumentation

Vinka Craver, Ph.D. COEanalytical@etal.uri.edu

ENVIRONMENTAL DATA CENTER

<https://www.edc.uri.edu/>

Technologies for geospatial data modeling, ecological mapping, and data integration

Charles LaBash labash@uri.edu

GREENHOUSES

<https://web.uri.edu/greenhouse/>

Plant care services in greenhouses and growth chambers

Tim Sherman timothy_sherman@uri.edu

MICROSCOPY AND MICROANALYSIS

Several URI facilities have sophisticated imaging and materials characterization equipment.

RI Consortium for Nanoscience and Nanotechnology

<https://web.uri.edu/nano>

Scanning and transmission electron microscopy, Raman and FTIR microscopy, X-ray diffraction, X-ray fluorescence, X-ray microscopy, high-throughput confocal fluorescence microscopy

Irene Andreu, Ph.D. engimg@etal.uri.edu

Surface Analysis Laboratory

<https://www.ele.uri.edu/staff/platek/mikenlab.html>

Thin film X-ray diffraction, scanning electron microscopy, X-ray photoelectron spectroscopy, atomic force microscopy and electron probe microanalysis

Michael Platek mplatek@uri.edu

Bioimaging

Additional URI equipment for bioimaging is also available at the:

Biomedical Core <https://web.uri.edu/riinbre/core-facility/>

Marine Science Analytical Laboratory

<https://web.uri.edu/marinefacility/>

MAKERSPACE

<https://web.uri.edu/library/services/spaces/makerspaceuri/>

Fabrication equipment, 2D/3D design, virtual reality technologies

Erika Uzmann makerspace@etal.uri.edu

MARINE SCIENCE RESEARCH FACILITY

<https://web.uri.edu/marinefacility/>

Marine Science Analytical Laboratory

- Flow cytometry, cell sorting, fluorometers, Lachat nutrient analyzer, PCR, quantitative PCR, Nanodrop, and related instrumentation

Dawn Outram dawn_outram@uri.edu

Seawater - Temperature/salinity controlled seawater, indoor and outdoor tanks, pathology and transgenic wet labs, mesocosms, environmental chambers, laminar flow tanks, incubators

Ed Baker ebaker@uri.edu

PHARMACEUTICAL DEVELOPMENT INSTITUTE

<https://web.uri.edu/pdi/>

Training center, development, and clinical manufacturing

George Grandolfi, Ph.D. ggrandolfi@uri.edu

THE
UNIVERSITY
OF RHODE ISLAND

DIVISION OF RESEARCH
AND ECONOMIC
DEVELOPMENT

CAROL THORNBUR, Ph.D., *Director of University Research Operations*
75 Lower College Road, Kingston, Rhode Island 02881
401.874.4495 thornber@uri.edu