



Xavier University of Louisiana Capability Statement



Corporate Structure:

Xavier University of Louisiana is a non-profit, private, Catholic Institution of Higher Education with a federal designation of HBCU.

Mission Statement:

Xavier University of Louisiana, founded by Saint Katharine Drexel and the Sisters of the Blessed Sacrament, is Catholic and historically Black. The ultimate purpose of the University is to contribute to the promotion of a more just and humane society by preparing its students to assume roles of leadership and service in a global society. This preparation takes place in a diverse learning and teaching environment that incorporates all relevant educational means, including research and community service.

DUNS No: 02-085-7876 **Cage Code:** 7Y775 **NAICS ID(s):** 611310 **SIC:** 8221 **Federal EIN No:** 72-0635884

Certificates, Registrations:

SAM – Registered

Institutional Review Board (IRB) Assurance of Compliance No. FWA 00004443

Institutional Animal Care and Use Committee (IACUC) Animal Welfare Assurance No. A 3024-01

Accreditations:

Xavier University of Louisiana is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award bachelors, masters, and doctorate degrees. Xavier University of Louisiana is also accredited by the Association of Collegiate Business Schools and Programs, the National Council for Accreditation of Teacher Education, the State of Louisiana Department of Education, the National Association of Schools of Music, and the Accreditation Council for Pharmacy Education. Xavier is also approved by the American Chemical Society.

Point Of Contact: Dr. Deborah Marshall, Associate Vice President of Research & Sponsored Programs
Xavier University of Louisiana, 1 Drexel Drive, Box 68, New Orleans, LA 70125, (504) 520-5442

CORE COMPETENCIES

Building Infrastructure Leading to Diversity (BUILD) – Improve Xavier’s capacity and efficacy to educate and engage students from under-represented groups in the pathways to a biomedical research career.

Research Centers in Minority Institutions (RCMI) – Center for Cancer Research enhances support for innovative, collaborative research with translational potential. Key focuses: Cancer Research; Health Disparities; Translational Research; Cell, Molecular and Bioinformatics Core; In Vitro Bioassay; Drug Design, Synthesis, & Delivery; Therapeutics for Human Diseases.

Louisiana Cancer Research Center (LCRC) – Consortium Cancer Center as designated by the National Cancer Institute. Key Focuses: Discovery and Development of Innovative Cancer Therapies; Clinical Treatment for Early Detection, Treatment, and Prevention; Pharmacology; Health Disparities; Minority Health.

Louisiana Biomedical Research Network (LBRN) – Established with Biomedical Research Infrastructure Networks (BRIN). Additional Affiliations: National Center for Research Resources (NCRR); IDeA Networks of Biomedical Research Excellence (INBRE); National Institute of General Medical Sciences (NIGMS).

Xavier Center for Minority Health and Health Disparities Research and Education (CMHDRE) – Focuses on Diabetes; Heart Disease; Asthma; Nutrition; Men’s Health; Women’s Health; Cancer; Cultural Competence.

College of Pharmacy – Health Resources & Services Administration (HRSA) Center of Excellence (COE) – Basic and Clinical Research; Biomedical Research.

100Kin10 – White House Partnership to prepare 100,000 STEM (Science, Technology, Engineering, and Math) teachers in 10 years.

Xavier University College Outreach Center – Focuses on Community Programming; Youth, Senior Citizens; Counseling & Wellness; Physical Assets.

Title III – Grant Affiliations: Strengthening Historically Black Colleges and Universities (HBCU/Undergraduate), Strengthening Historical Black Graduate Institutions (HBGI/Graduate), and the Student Aid and Fiscal Responsibility Act (SAFRA).

Premedical Program – Focuses on Admissions for Medical School, Osteopathic Medical School, Veterinary Medical School, Dental School, Optometry School, & Podiatry School.

Doctorate in Clinical Psychology (Psy.D) – Focuses on Cognitive Behavioral Systems; Psychodynamic; Humanistic Existential; Clinical Psychology; Behavioral Medicine/Health Psychology.

Doctorate in Educational Leadership (Ed.D) – Focuses on Education and Counseling; Urban Education; Theory and Applied Research.

Doctor of Pharmacy (Pharm.D) – Focuses on Pharmaceutical Care; Pharmaceutical Education; Healthcare Disparities.

RESEARCH COMPETENCIES:

Population Studies	Vaccines Research
Bioinformatics	Obesity
Diabetes	Receptor-ligand Binding Interactions
Drug Discovery	Drug Delivery
Nanomaterials for Energy Storage	New Magnetic Materials & Thin Films
Lithium-Ion Battery Testing	New Materials for Fuel Cells
Cell & Molecular Biology	Solid High Energy Lithium Battery (SHELiB)

MAJOR INSTRUMENTATION:

Thermal Analyzer	Electrochemical Analyzer
X-Ray Diffractometer	Electrical Impedance Spectroscopy (EIS)
Chemical Vapor Deposition (CVD) System	Transmission Electron Microscopy (TEM)
Thermogravimetric Analysis (TGA)	Dynamic Thermal Analysis (DTA)
Differential Scanning Calorimetry (DSC)	Dynamic Mechanical Analysis (DMA)
High Temperature Furnace	Nuclear Magnetic Resonance (NMR) Spectrometer
Scanning Electron Microscopy (SEM)	Atomic Force Microscopy (AFM)