LSU impacts every parish in Louisiana

Including yours.

LSU is in constant pursuit of excellence ... in the classroom, lab, and your back yard. Through LSU’s mission of research, education, and outreach, we work collaboratively with stakeholders to find solutions for Louisiana’s most pressing economic, social, and scientific obstacles. From food to festivals, LSU faculty and staff work to preserve and promote Louisiana’s unique culture. And with more than 45,000 students, LSU is preparing the next generation of Louisiana business and industry leaders.

LSU educates Louisiana’s best and brightest, brings in millions in federal research dollars, and serves as an economic engine for the state.
LSU researchers across Louisiana are working on developing a wide range of innovations to improve quality of life by studying issues such as disease management, advanced medical treatments, obesity, coastal protection, hurricane preparedness, energy, natural resource management, and agriculture.

**Dedicated to Excellence**

The LSU Department of Petroleum Engineering has developed the Gas-assisted Gravity Drainage enhanced oil recovery method, which can **extract more oil at a lower cost** than traditional methods.

LSU engineering, architecture, and agricultural economics faculty are testing **new low-cost, hurricane-resistant residential construction materials** that would help protect the homes of low-income families living in hurricane-prone coastal areas.

LSU Health New Orleans and Shreveport are involved in research using genomic sequencing to match the specific DNA of a patient’s tumor to the **most effective chemotherapy** to treat it.

Research conducted at Pennington Biomedical showed that a 7% loss of an individual’s body weight in addition to 150 minutes of physical activity per week produced a **58% reduction in the conversion to diabetes**.

At the LSU AgCenter Audubon Sugar Institute, researchers received a $17 million USDA grant to **develop new processes in biofuels** from Energy Cane (high-fiber sugarcane) and sweet sorghum using existing Louisiana sugarcane factory infrastructure.

The **world’s only operating infant metabolic chamber**, housed at Pennington Biomedical, was designed to collect information about a baby’s metabolism.

Through the LSU Coastal Roots program more than 15,000 youths have planted 127,365 seedlings and grass plugs on 309 **coastal restoration** trips.

LSU geologists conduct research on where and how Mississippi River sediment moves to speed up land growth and slow down erosion. This research informs coastal planners on current and future erosion, sediment deposits, and plant growth to **mitigate land loss**.

**Quick Facts**

- LSU
- LSU AgCenter
- LSU Alexandria
- LSU Eunice
- LSU Shreveport
- LSU HSC New Orleans
- LSU HSC Shreveport
- Pennington Biomedical Research Center

LSU is Louisiana’s most important economic asset.

- **$3.9 BILLION**
  - Total Louisiana Sales
- **AN ESTIMATED 36,757 JOBS**
  - Total Direct and Indirect Annualized
- **$1.5 BILLION**
  - New Statewide Earnings

For every dollar provided by the state, LSU provides a return of $5.08 of economic activity.

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