New LSU
Communication Resources

Campus Communicators
April 27, 2017
Overview of Resources

• PowerPoint slide templates
• Photo database
• Accolades website
• Conference poster templates
• One-sheeter templates
• Postcard templates
• Overview brochure
• Pocket folders
One LSU.
Eight Institutions.

Approximately 8,500 graduates annually across the state of Louisiana
$3.9 BILLION Total Louisiana Sales

AN ESTIMATED 36,757 JOBS Total Direct and Indirect Annualized

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

$1.5 BILLION New Statewide Earnings

Louisiana’s most important economic asset.
The Flagship Campus

By the Numbers

- Designated as a land-, sea-, and space-grant institution
- **539** buildings on **1,200** acres
- More than **31,000** students and **5,000** employees
- **$1.9 billion** in economic activity in the Baton Rouge area
The Flagship Campus

By the Numbers

- $149 million in research expenditures annually
- 14 colleges and schools offering more than 235 academic programs of study
- Graduation rate is over 67%, nearly 20% higher than its other public institution peers and on par with other public institutions in the Southeast
Conducts basic, clinical, and population research focused on obesity, diabetes, cardiovascular disease, cancer, and dementia.
$2.1 BILLION Total Sales

MORE THAN 21,400 JOBS

$764 MILLION Earnings
$47.2 MILLION Total Sales

515 JOBS

$17.1 MILLION Earnings
Medical, Nursing, Dental, and Public Health
$535.7 MILLION Total Sales

2,082 JOBS

$214.8 MILLION Earnings

Shreveport
$887.8 MILLION Total Sales

6,900 JOBS

$391.2 MILLION Earnings
The LSU Center for Internal Auditing is the premier internal audit program in the world and is a model for similar programs in other schools and countries.
The LSU College of Art & Design’s Robert S. Reich School of Landscape Architecture is consistently ranked as a top school in the country in undergraduate education.
The LSU College of Science is the top producer of African American PhDs and women PhDs in chemistry in the U.S.
The LSU Law Center has been ranked the #8 Best Value Law School in the nation in the 2015 rankings released by The National Jurist magazine. LSU Law is the only Louisiana law school, public or private, included in the rankings.
LSU is consistently ranked in the top tier for “Best National Universities” by U.S. News & World Report.
Through the LSU Coastal Roots program more than 15,000 youth have planted 127,365 seedlings and grass plugs on 309 coastal restoration trips.
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.
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.
3D printing is quickly becoming the future of rapid development. LSU College of Art & Design in partnership with Mary Bird Perkins Cancer Center is at the forefront of utilizing this technology to **improve cancer screenings for patients**.
Research conducted at Pennington Biomedical showed that a 7 percent loss of an individual’s body weight in addition to 150 hours of physical activity per week produced a 58 percent reduction in the conversion to diabetes.
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.
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.
Sample Template Slide
Subtitle Goes Here
Sample Editable Slide

• Sample Editable Slide
Blank Slide
Blank Slide
Individual Purple Icons
Individual Gold Icons
Copy and paste logos
Copy and paste logos

LSU

LSU of Alexandria

LSU Shreveport

LSU Eunice

LSU Health

LSU Health New Orleans

LSU Health Shreveport

Pennington Biomedical Research Center

LSU AgCenter

Research · Extension · Teaching
Photo Database & Accolades

- [http://wpoo2.lsu.edu/share/LSUUR/public/CampusCommunicatorsGallery/content/index.html](http://wpoo2.lsu.edu/share/LSUUR/public/CampusCommunicatorsGallery/content/index.html)

- Password: LSU1860

Templates, Overview, Folders

• Posters
• One-sheeters
• Postcards
• Brochure in editing now
• Folders, corporate and spirited
**Introduction**

Optical tomography is a non-invasive imaging technique. It uses electromagnetic waves to create images of the internal structure of an object. In this context, we explore the use of optical tomography in applications such as medical imaging and material science. The data collected from optical tomography can provide valuable insights into the properties of materials and biological tissues. Further research in this area could lead to advancements in diagnostic tools and non-destructive testing methods.

**Methods**

Optical tomography involves the use of a source that emits light and detectors that measure the scattered light. By analyzing the intensity and phase of the scattered light, we can reconstruct images of the internal structures. In this study, we employed a customized optical tomography setup to perform high-resolution imaging experiments. The results obtained from the experiments showed promising potential for various applications.

**Results**

Our results indicate that optical tomography can accurately visualize the internal structures with high resolution. The images obtained from the experiments were compared with ground truth data, and the accuracy was found to be within acceptable limits. Further improvements in the reconstruction algorithms are expected to enhance the performance of optical tomography in real-world applications.

**Conclusion**

Optical tomography holds great promise for various applications, from medical imaging to material science. The results from our study demonstrate the potential of this technique in providing detailed information about the internal structures. Future work could focus on refining the reconstruction algorithms and improving the imaging capabilities. With continued research, optical tomography could become a valuable tool in various fields, offering new insights into the properties of materials and biological tissues.
One-sheeter Template Layouts
Postcard Design
Option 1
Postcard Design
Option 2
Postcard Design
Option 3
Thank You for Your Time

• QUESTIONS?