

## Camp Dates

First-time campers and those who have not attended an **Explorer I camp** should select one of these camps at

### **Louisiana Tech University:**

May 31-June 6    June 7-13  
June 14-20    July 5-11  
July 12-18    July 19-25  
July 26-Aug. 1

### **Louisiana Tech University Sports Medicine Camp:**

July 5-11    July 12-18  
July 19-25

### **Louisiana Tech University Building Bridges to the Future Camp:**

May 31-June 6    June 7-13  
June 14-20

### **University of Louisiana-Monroe:**

May 30-June 6    June 7-13  
June 21-27    June 28-July 4

### **Grambling State University CSI Camp:**

May 31-June 6    June 7-13

**If you have already attended an Explorers I summer camp at Louisiana Tech you may choose one of the following camps:**

### **Nicholls State University Science Camp:**

July 19-25    July 26-Aug. 1

### **Nicholls State University Culinary Camp:**

June 7-13

### **Nicholls State University Geospatial Technology Camp:**

July 26-Aug. 1

## How Do I Apply?

Applications are available from your guidance counselor, your school principal, or on the web at:

<http://www.latech.edu/lagearup>

ALL APPLICATIONS MUST BE SUBMITTED ON-LINE. You are strongly encouraged to apply by **April 30, 2009**. You must have your paperwork (including parental signature forms) turned in to your **club sponsor** by this date.

Completed applications will be approved on a first-come, first-served basis. There are a limited number of slots available for each camp, so

**GET YOUR APPLICATION IN EARLY!!!**

It is VERY important that you complete the entire application and that you get all of the required signatures.

Also, please PRINT clearly.

## When Will I Know?

Successful applicants will be notified by mail/email. Notices will be sent out by **May 22, 2009**

# Learning Adventure Leadership Training

## Scientific Explorations in:

Biology  
Engineering  
Environmental Science  
Field Trips  
Forensic Science  
Process Technology  
Kinesiology/Sports Medicine  
Digital Technologies  
Geographic Software

*For more information or to  
download an application, visit our  
web site:*

<http://www.latech.edu/lagearup>

*Glenn Beer, Project Director*

*Summer/Academic-Year  
Learning Projects*

The IDEA Place  
PO Box 3163  
Ruston, Louisiana 71272  
Phone: 1-800-795-1475  
Fax : 318-257-4753  
gbeer@latech.edu

You are invited to...



# 2009

**Louisiana Tech University**

**University of Louisiana-Monroe**

**Grambling State University**

**Nicholls State University**

## Explore the Possibilities

**FREE One-week Residential Summer**

**Programs for  
Students in Grades 6-12**

<http://www.latech.edu/lagearup>

## What are the LA GEAR UP Explorers Camps?

### Tutoring Program

On the first day of camp, you will take an ACT preparation test. These tests are also being given to all 8th and 10th grade students in Louisiana. The ACT is required for entrance to all Louisiana colleges and Universities. Using results of this test, a tutoring program will be developed for each participant to help you succeed on the ACT.

### Leadership Training

One of the goals of the Explorers Camps is to help you develop your leadership potential. Students who demonstrate exceptional leadership potential may be offered the opportunity to return to future camps as student leaders and mentors.

### Math and Science Enrichment

Not sure which camp you would like to attend? The Explorers Camps allow you to explore a number of different fields of scientific inquiry. Each of the host universities have developed a special Camp specifically for LA GEAR UP students. Read the descriptions, and decide which one YOU would like to explore!

### Experience College Life

During this unique one-week experience, participants will stay in a real dormitory on a university campus. Meals will be available in the Student Center, and participants will have access to all university facilities of the university just as if they were attending college for the first time. Teacher candidates, counselors, teacher cadets, and other college students will serve as counselors and guides during the entire camp. Field trips for each camp are also planned for all participants.

## What is the cost?

### **FREE!!!**

There is NO CHARGE for students in LA GEAR UP schools!!! LA GEAR UP provides transportation, living expenses, meals, materials, and all other costs associated with this camp. Participants may choose to bring a limited amount of cash with them for souvenirs, etc. Certificates, T shirts, and other items are also provided to all participants, but...

**ENROLLMENT IS LIMITED!!!**

## Who Can Attend?

◇ 6th and 7th graders who are in schools in the current (2008-2014) Louisiana GEAR UP program.

-Select from any of the camps offered at LA Tech, ULM & GS U

◇ Also, 7th-12th graders from the previous (02-08) Louisiana GEAR UP program

-If you have attended an Explorer I camp at Louisiana Tech University, you are eligible to attend one of the Explorers camps at Nicholls State University.

-If you have never attended a camp you should apply to attend an Explorer I camp this year (First Time Campers).

## About Each Camp

### Louisiana Tech University (First Time Campers Only)



If you like designing new things, you'll love the engineering exploration where you will use engineering principles to build a new structure. Campers attending the Louisiana Tech camp will visit a planetarium and explore the Experiment Gallery at the IDEA Place Math and Science Discovery Center. Our field trip will take us to Shreveport's Sci-Port Discovery Center and IMAX Theater! Free time activities include swimming at the natatorium, bowling at the Lambricht Center, or just relaxing in the dorm.



### Louisiana Tech University Building Bridges to the Future (First Time Campers Only)

Many bridges are considered works of art, others are strictly functional, but all bridges serve an important purpose. Imagine where we would be without the bridges that cross waterways, gorges, and other impasses! Now you will have the opportunity to learn the basic principles of bridge construction and build a bridge or two of your own! Working with engineers who have actually been in the bridge building business, you will also visit historic Vicksburg, Mississippi to see these principles applied to an actual bridge as well as in a civil war-era river boat. Of course, you will enjoy all of the free-time activities available at Louisiana Tech.

### Louisiana Tech University

#### Sports Medicine Camp

#### (First Time Campers Only)



Are you interested in the human body? Have you ever thought about being a physical therapist, coach, personal trainer, nurse, or physician? Come learn how to get in shape and feel great at Louisiana Tech University's *Sports Medicine Camp*. Campers will learn how to test their current fitness level using heart rate monitors and skinfold calipers that they get to keep and use again in their Explorer Club! Campers will visit a state-of-the-art Wellness Center in Shreveport, Louisiana and learn how to use computerized fitness equipment and about the many career choices in the area of health science and sports medicine! Experience La Tech college life by exercising at the Lambricht Wellness Center, playing basketball and volleyball in Memorial Gym, bowling at the Lambricht Center, or just relaxing in the dorm.

### Grambling State University (First Time Campers Only)



CSI: Grambling! Do you want to solve mysteries? Participants will have the opportunity to work with a real crime scene investigator, a chemist, a medical doctor and nurses while solving a variety of forensic cases. In addition, participants will receive special test-taking tips, strategies, and resources to help them become even more successful on the LEAP, GEE, and ACT. There will be several recreational activities that will include swimming, basketball, video games, and computer exercises on the campus of the famous Grambling State University. A field trip to the crime laboratory is planned to highlight the forensic activities.

### University of Louisiana-Monroe

#### First Time Campers Only



It's CSI crossed with Fear Factor as you detect a predator's last victim and examine live turtles in two Biology Explorations.

Discover what's lurking in your drinking water in an Aquatic Toxicology Exploration. Investigate technology in a Computer Science Exploration. Take a field trip to Black Bayou Lake National Wildlife Refuge. Experience ULM college life staying in the dorm, eating at the SUB, playing walleyball at the Activity Center, and swimming at the Nat!

**If you have already attended an Explorers I camp at Louisiana Tech, you may select from any of the following camps for 2009:**



### Nicholls State University

#### Success By -YOU Culinary Camp

Ever thought about being a chef at one of Louisiana's great restaurants? Believe it or not, great cooking requires a thorough understanding of many of the math and science concepts you learn in school. Come along with us as we explore the math and science of culinary arts! Unique to the Nicholls' "By-YOU" Culinary is the field trip to Oak Alley Plantation we hope shows you the culture and products distinctive to Louisiana. P.S.— you will get to cook almost every day!

#### Success By-You Science Camp

Have you ever met a "mad scientist"! Come meet Dr. B. She will show how math and science can be really cool. Also, you get to explore Louisiana's coastal waterways with real scientists! The Louisiana Universities Marine Consortium (LUMCON) was formed in 1979 to coordinate and stimulate Louisiana's activities in marine research and education. As a camp participant, you will visit this facility and conduct your own scientific investigations in this unique Louisiana laboratory.

#### Success By-YOU Geospatial Technology Camp

Do you wonder how that "navigation system" works in a car or boat? You know—that one that tells the driver to turn right or left! That's a GPS—Global Positioning System. Or have you ever seen those people working along a highway construction site who are looking through a "camera" on the side of the road measuring something? That's called surveying. Come and learn about these cool systems and much more at Nicholls. Unique to this camp is a field trip to T Baker Smith in Houma, Louisiana where you will see professionals use the tools that we will have learned about throughout the week!