

Center for Diversity Affairs
University of Arkansas for Medical Sciences
Principal Investigator, Billy Thomas, MD
Program Director, Kim Blann-Anderson, BS

Dear Parents,

Thank you for your interest in your child's participation in the Summer Science Discovery Program (SSDP) sponsored by UAMS and the Museum of Discovery. Enclosed is an application packet which includes the following items:

Application Check List

- SSDP Protocol (**Retain for your records**)
- Student/Parent Information Sheet (**To be returned**)
- Program Agreement (**To be returned**)
- \$25 Application Fee (**Make check payable to: UAMS Center for Diversity Affairs**)
(**Application Fee is non-refundable must be include with the complete application**)
- \$75 **Total Program Cost**

Please carefully read all enclosed documents and take 15 to 20 minutes to fill out the forms with your child. Once you and your child have completed all required documents, please return the complete application packet, and required fees before April 27, 2009 to **UAMS/Center for Diversity Affairs-Summer Science Discovery Program, 4301 West Markham, Slot# 625, Little Rock, AR 72205, c/o Kim Blann-Anderson**. Children selected for the program will receive a letter of congratulations, stating pick-up and drop-off locations and time, as well as a list of the program rules and regulations. Application packets received after the specified date will not be accepted. There will be an application fee of \$25.00 per child which is non-refundable for participation in this weeklong camp. Once your child has been accepted, a \$50.00 program fee will be due. Application will be selected at a first come first served basis. Due to the limited number of slots available per week (70), applicants will be screened and notification and placement will begin immediately following the application deadline. **Dates for the 2009 Summer Science Discovery Program will be Week One- June 8th -12th and Week Two - June 22nd - 26th.**

If you have any questions regarding the application forms, application process, or program, please feel to contact **Kim Blann-Anderson**, Program Director, at (501) 526-7047. We look forward to getting to know your child and spending time together exploring and discovering new horizons.

Sincerely,

Kim Blann Anderson
Program Director
Summer Science Discovery Program

Summer Science Discovery Program Agreement

This agreement has developed for the purpose of creating a commitment from each participant involved in the 2009 Summer Science Discovery Program (SSDP).

I, _____ agree to complete the one-week
Participants/ Parent/ Guardian Name
Science Discovery Program as outlined below and follow the rules of conduct while doing so. Upon Violation of any of the rules of conduct, I understand that I could be expelled from the Summer Science Discovery Program.

The dates and times for the Summer Science Discovery Program are from June 8th to June 12th, June 22nd to 27th. The daily program will begin at 9:00am and conclude at 3:30pm, each participant is expected to attend for one full week on the designated week of his or her group at the location of the Arkansas Museum of Discovery, downtown Little Rock. No program participant is to miss a day without an excused absence. Parents are also required to attend the program orientation and ensure that their child is provided transportation to the summer program. Upon receipt of the \$50 program fee, students will be placed according to their week of request.

By signing this document, you are agreeing to the terms of application and placement of your child (ren) within one of the above designated weeks.

Participant's Signature

Date

Participant's T-shirt Size

Fall 2009 Grade

Age

Name of 2008-2009 Elementary School

Parent / Guardian's Signature

Date

The overall purpose and long range goal of SSDP for disadvantaged elementary school students is to increase the number of practicing health care professionals in the state. The programs immediate objectives are to:

- Objective 1: To familiarize disadvantaged students with health care opportunities in the state of Arkansas.
- Objective 2: SSDP hopes to establish a pool of academically and career-focused disadvantaged students to move into the health care profession.
- Objective 3: To provide disadvantaged students with advanced exposure to specific science, biomedical, and health care professions.
- Objective 4: To provide an educational link to students across the state of Arkansas.
- Objective 5: To provide guidance to disadvantaged students as they progress through the University of Arkansas for Medical Sciences (UAMS) educational pipeline.

Each day the science presentations will change but the process will remain the same. Two new and exciting topics will be covered each day. We estimate reaching out to approximately 150 students this summer.

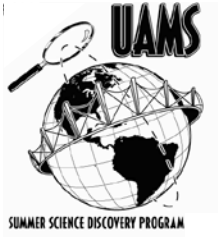
Learning Experiences

- Robotic Lecture, (meet R2D2 and learn how robots move and perform tasks)
- Robotic Laboratory, (students construct robots that are functioning rover)
- Wizard Laboratory Experiments, (exciting science tricks involving physics and chemistry)
- Animal Dissection Lecture
- Sheep Brain Dissection Laboratory Experiment
- Light & Color Laboratory Experiment, (the use of prisms, mirrors, lens, and filters to discover the properties of light)
- ER Laboratory Experiment, (role-play as emergency room doctors, nurses and technicians to save a patient)
- Check-Up Laboratory Experiment, (the use of stethoscopes, blood pressure cuffs and other equipment to evaluate the student's health)
- Electric Laboratory, (exploring circuits)
- Electric Theater Laboratory Experiment , (a dramatic exploration of the history of the discovery and use of electricity)
- Inventing Laboratory Experiment, (learning the scientific method)
- Structures Laboratory Experiment, (designing building, and bridges)
- The Crime Solvers Laboratory Experiment, (using science and deduction to solve crimes)
- The Hear to Heart Laboratory Experiment, (dissection & examination of a pig's heart)

Summer Science Discovery Program Student/ Parent Information Sheet

1. **Child's Race:**
 - Caucasian
 - Black / African American
 - Hispanic or Latino
 - American Indian/Alaskan Native
 - Asian
 - Pacific Islander
 - Other, specify:
2. **Marital Status of Parents**
 - Single
 - Married
 - Divorced
 - Widowed
3. **Mother's Education Level**
 - High school diploma
 - Associate degree
 - Bachelors degree
 - Masters degree
 - Doctoral degree
 - Technical certificate
 - Other, specify:
4. **Father's Education Level**
 - High school diploma
 - Associate degree
 - Bachelors degree
 - Masters degree
 - Doctoral degree
 - Technical certificate
 - Other, specify:
5. **Living Arrangements of Child**
 - Lives with both parents
 - Lives with mother
 - Lives with Father
 - Lives with grandparents
 - Lives with guardian
6. **Annual Family Income**
 - Less than \$10,000

**Summer Science Discovery Program
Student / Parent Information Sheet**



**Parent's
Information**

Last Name Middle Initial First Name

Address (Street) City State Zip

Home Telephone Work Telephone

**Student's
Information**

Last Name Middle Initial First Name

Address (Street) City State Zip

Home Telephone Child's Gender: Male Female

When I grow up I want to be a: Doctor, Lawyer, Teacher, Scientist, Other,

Have you previously participate in UAMS' SSDP? Yes No

Which week of participation do you prefer? Mark preference by placing a 1, or 2, for your first, & second, choice (actual placement will be determined on first come first serve basis.)

_____ **Week One - June 8th to June 12th**
_____ **Week Two - June 22nd to June 26th**