

Mount Academy for Scientific Exploration (MASE)



Biotzchnology Program

Phone: (301) 447-5376

Mount Academy for Scientific Exploration
Science Department
Mount St. Mary's University
16300 Old Emmitsburg Rd.
Emmitsburg, MD 21727
Address Correction Required

Name of Applicant

Individual Medical Insurance Coverage for accidental injury is required for all participants. In most instances, family health insurance is adequate. Please indicate your family health insurance below:

Health Insurance Co.

Policy Authorization Numbers

MEDICAL TREATMENT AUTHORIZATION

I/We, being the parents/legal guardians of the applicant, authorize Mount Saint Mary's University, and its agents, permission to request medical treatment, as necessary, to ensure the well-being of our dependent.

Parent/Guardian Signature *Date*

WAIVER AND RELEASE

We the undersigned, for ourselves, our heirs, executors and administrators, waiver, release and forever discharge Mount Saint Mary's University, its staff, officers, agents, representatives, employees, successors and assigns of and from any and all rights and claims of damages to person and property which may be sustained or occur during participation in activities, or from the MASE Biotechnology Program, whether paid damages, injury or loss are due to negligence or not.

Parent/Guardian Signature *Date*

It is the policy of Mount Saint Mary's University to comply with the provisions of the Americans and Disabilities Act in making its programs and facilities accessible. If you need special provisions made, please contact the MASE instructors at 301-447-5820 X4864 or x4387.



About the Program

Location

The Mount Academy for Scientific Exploration (MASE) takes place on the beautiful campus of Mount St. Mary's University (MSMU), near Emmitsburg, MD and the scenic foothills of the Blue Ridge Mountains. It is about a one hour drive from Baltimore and Washington D.C., and 1 ½ hours from Annapolis.

Overview

The purpose is to provide high school students with an exciting yet challenging college-level experience in biotechnology. The course is run in a small class setting (~15 students/class) by University Professors. Students will gain hands on experience in the disciplines of biochemistry, cell and molecular biology by conducting a research project that illustrates the powerful nature of biotechnology. At the conclusion of the course, the students will prepare posters of their work and present their results at a mini-symposium.

Facilities and Environs

Students will stay on campus and conduct their research in the cell and molecular biology labs of the Coad Science Building on MSMU's beautiful 1,400-acre campus. While on campus their daily activities will be coordinated by MSMU undergraduate biology and biochemistry majors. These camp counselors will help the students with their lab experiments as well as chaperon their evening activities.

Enrollment and Credits

To qualify for this program, students will need a minimum 3.0 G.P.A. in their high school work. Students will receive 4 college credits upon successful completion of the Churchill HS Molecular Biology course and the MASE Biotechnology course with a grade of B or above.

General Information

Date: June 22-July 3, 2009
(excluding the weekend of June 27-28).

To Register: Use the application in this brochure.

Instructors: **Dr. Christine McCauslin** is an assistant professor of Biology at MSMU with more than 12 years of research experience in the areas of cell and molecular biology. **Dr. Jennifer Staiger**, also an assistant professor at MSMU, has more than 12 years of research experience in the areas of immunology and molecular biology. In addition to the work and teaching they have done at Mount St. Mary's University, each instructor possesses several years of experience working in research laboratories at the National Cancer Institute – Frederick. Feel free to contact either instructor with questions.

Overnight Accommodations: Students have the opportunity to stay overnight in air-conditioned residence halls at MSMU, Monday-Thursday evenings each week of the course. Students are required to go home on the weekend – from 5 pm Friday June 26th through 9 am Monday June 29th. Students staying overnight will eat in the college cafeteria. Cost for room and board is \$300/week (\$600 total). Students are supervised in the residence halls overnight by MASE counselors. Students will have homework each evening as well as some organized social activities (swimming, movies, volleyball, etc.)



2009 MASE-Churchill H.S. Biotechnology Program Registration Form

Name _____

Age _____ M _____ F _____

Home Address _____

City _____

State/Zip _____

Home Phone _____

Grade Completed _____

Student can hike in uneven terrain: (Y/N) _____

SS# _____

Tuition is \$1090.00 (\$990.00 if paid by 2/27/09)

Room and board (2 weeks) is \$600

Enclosed is my full payment (check or money order)

Enclosed is my deposit of \$500. I understand the balance is due by June 1, 2009.

I will be staying overnight. (Room and board fees are due by June 1, 2009)

Make checks payable to :
Mount St. Mary's University

Send registration form and payment to:

Mount Academy for Scientific Exploration
c/o Christine McCauslin, Ph.D.
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