

ENGLISH TEACHING POSITIONS
WITH THE
Regional Math/Science Center
Frostburg State University
Summer Program 2017

The Upward Bound Regional Math Science Center (RMSC) at Frostburg State University seeks teachers for its 3- and 5-week summer programs designed to encourage and motivate qualified high school students to pursue post-secondary education and to develop skills and attitudes essential for success beyond high school.

POSITION DESCRIPTION:

The RMSC is currently recruiting enthusiastic English teachers to work with our high school aged students as they prepare presentations of their scientific investigations. The teachers will assist students in the writing of their reports, development of their power point presentations and preparation of their final oral presentations.

TENTATIVE DATES: June 12 - July 21, 2017 includes a five-week program and one training week.

(Curriculum development takes place throughout the spring semester)

SALARY: \$15 - \$20.00 per hour for in-class instruction. (Salary commensurate upon experience)

FOR MORE INFORMATION: www.frostburg.edu/clife/mscenter; 1-800-646-6004 or 301-687-4295

TO APPLY: Send a letter of interest; resume; and names, addresses, and telephone numbers of three professional references to the address below. If you are currently working to complete a degree, please also include your college transcript. If you have questions feel free to give us a call, send us an email or stop in to talk with us.

Regional Math/Science Center
101 Braddock Road
Frostburg State University
Frostburg, MD 21532

OR **RMSC@frostburg.edu**
*If applying via email please indicate position
and your name in the subject line:
ex: English Teacher– Jim Smith*

DEADLINE: April 30, 2017. Applications are reviewed upon arrival. Applications will be accepted until all positions are filled. Early application is encouraged.

Info for interested science teacher candidates:

- Dates: June 13 to July 22
- Science Projects
 - One 3-week project designed for rising 9th grade students
 - Three 5-week projects designed for rising 10th-12th grade students
 - Hands-on
 - Typically based in environmental science, but other project ideas are welcomed (previous projects are available on our website)
 - Go from beginning to end
 - Research background materials (readings and studies)
 - Develop hypothesis
 - Develop method to test hypothesis
 - Collect and analyze data
 - Draw conclusions
 - Writing and revisions of a science research paper
 - Presented to panel of scientists at end of summer in written and oral form
 - Group paper compiled during final week
 - throughout summer students develop their individual papers
 - individual papers used to compile group paper
 - individual papers are scored using a rubric at the end of the summer
 - Power point presentation
- Student Groups
 - ~12 to 16 students per science project group
 - Mixed abilities
 - 5-week projects are mixed grade levels (10th, 11th & 12th graders can all be in same group)
- Teacher Responsibilities
 - Develop a project and draft of a paper prior to start of summer
 - Assist students in the development of the project (we want students developing the project – not just being told what to do next)
 - Assist students in the writing of their scientific papers
 - Revise papers throughout the summer using our rubric
 - Provide feedback to students and make sure they are making revisions based on feedback
 - Assist students in preparing their weekly and final oral presentations
 - Grade final papers using our rubric
- Schedule:
 - Spring
 - Develop project in conjunction with RMSC staff
 - Project must be fully developed prior to staff training week
 - Staff Training
 - Typically 3 or 4 days of training (week of June 8th)
 - One day dedicated to presenting science projects to other staff members
 - Week #1 – background investigations, outline intro sections of paper and develop methods
 - Week #2 – outline methods sections, collect data and start writing intro sections
 - Week #3 – collect & analyze data, outline results and writing intro & methods
 - Week #4 – outline conclusions & continued writing & revising of individual papers
 - Week #5– compile group papers, revising individual papers and work on group presentation

About the Regional Math/Science Center

The FSU Regional Math/Science Center is a federally funded Department of Education Upward Bound program designed to help low-income, potential first generation college students achieve their goals of attaining college degrees, specifically in the fields of math and science. Participants in the program attend a multi-week summer session on the campus of FSU where they are engaged in a scientific research project. The RMSC strives to develop exciting hands-on projects that are relevant to modern life.

While working on these projects the practical use of the scientific method is emphasized. Students must develop testable hypotheses, help design the study, collect the data needed, analyze the data, draw conclusions based on the data collected and finally present their study in both oral and written form. Students learn about peer review as they present their study progress each week to the other students in the program. They also learn to use the computer for data analysis, for data processing their formal report, and for developing a power point presentation that is presented to a panel of scientists and an audience of parents, university and public officials.

While at FSU students also participate in a variety of activities designed to promote strong study skills and positive social behaviors, as well as activities that provide recreational and cultural experiences.

FSU Is An AA/EOE. Appropriate Auxiliary Aids & Services For Qualified Individuals W/Disability Will Be Provided Upon Request. Please Notify In Advance. WWW.FROSTBURG.EDU