

Take a test drive into STEM education and discover the opportunities provided by a career in secondary education.

If you like the initial emersion, funding and support awaits you in the CESAME program.

For application forms and additional information please contact us at:

CESAME Program
UAB — CORD
Room 503, CHSB 19
933 19th Street South
Birmingham, AL 35294-2041

Phone (205) 934-5171

Fax (205) 934-5158

E-mail — ccord@uab.edu
or visit us on the Web at:

www.uab.edu/cord

To Apply Contact:
J. Michael Wyss, PhD
Ms. Sandra McKell
205-934-5171

All Application materials
are available at:
www.uab.edu/cord

UAB-CORD **Opportunities for Rising Stars**

CESAME STAFF

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CESAME
Collaboration for Excellence in
Science And Math
Education

**Opening
Opportunities in
Secondary STEM
Education**



Be a Teaching Hero

*Developing the
scientists, engineers
and mathematicians
of tomorrow*

CORD
*emPowering rising
stars*

The First Sampling

CESAME will recruit about 25 undergraduate students pursuing STEM majors each year.

- You will be introduced to middle and high school teaching by facilitating one of several summer and school-year STEM experiences.

- You will learn about the challenges and rewards of education and form an impression of whether it is a career for you.

- Sessions will include biology, biomedical science, chemistry, computer science, engineering, math and physics teaching opportunities.

- All focus on inquiry-based education.

- You will be paid to facilitate these activities.

Gaining an MS in STEM Education

20 CESAME participants who decide to pursue a teaching career, will enter a program leading to a MS (and certification) in STEM education to complement their BS.

- Some students will begin this process in the 3rd year of their STEM major.

- Others can join the program in their 4th year or after receiving a STEM BS.

- You will take a rigorous course in STEM education.

- And meet together regularly with all other CESAME students to share experiences.

- You will have many opportunities to interact with top STEM science and education faculty from UAB, Lawson State, Stillman College, state education leaders and master teachers.

- CESAME will prepare you to launch a successful career educating the next generation of math, science and engineering professionals.

- Each full-time CESAME student will receive \$10,000/year to offset the cost of their education.



Support Beyond the Degree

The first years of in-service STEM teaching pose the greatest challenges to teachers. Thus, CESAME provides teachers with a high level support mechanism to insure their success. The success of students in these schools is paramount to making the US economically strong and competitive in STEM-related sectors of the economy.

To optimize CESAME Graduates' success in the high needs (LEA) schools in which they will initially be placed:

- CESAME will provide master teachers at your school to mentor you.

- CORD's AMSTI Specialist master teachers and UAB STEM faculty will visit you to assist in Inquiry-based teaching.

- CESAME in-service teachers will meet monthly at the STEM Education Seminar,

- You will have access to the CESAME Learning Resource Lab throughout the school year which contains all standard curricular materials and modules teachers use in their curriculum.

- CESAME will facilitate opportunities for you to meet with STEM faculty members or AMSTI specialists to assist in your teaching.

