

University of Miami, College of Arts & Sciences
"PROJECT SUCCEED, INTEGRATED SCIENCE PROGRAM"
for MIDDLE-SCHOOL SCIENCE TEACHERS

The University of Miami, through its new Department of Education Partnership Grant with Miami-Dade County Public Schools, has developed within the College of Arts & Sciences an innovative program of interdisciplinary, integrated science modules for middle-school science classes. The overall goal of this program is to excite students about science and to assist science teachers in teaching science. In this two-part program, now in its second year, experienced UM science faculty and students will work with middle school science teachers in the 1) **PROJECT SUCCEED INTEGRATED SCIENCE (SIS) SUMMER INSTITUTE** and 2) **SIS CLASSROOM SCIENCE EXPERIENCES** to develop innovative, integrated, class-room science activities for middle-school students.

The **SIS SUMMER SCIENCE WORKSHOP** is an intensive 2-week (9:00-4:00) workshop scheduled for **June 16-27, 2003**, at the University of Miami, Coral Gables Campus. In this workshop 12 middle-school science teachers (2 from each of 6 schools) will work with UM's SIS Team, consisting of a faculty member, a graduate student and an undergraduate from each of the University's Departments of Biology, Chemistry, Geological Sciences, and Physics, in developing and implementing interdisciplinary science modules on the theme "**Global Change**". The workshop provides the theory and application with hands-on activities that are relevant to the teachers' classes. Participant teachers will receive graduate credits worth \$1800 and \$500 in supplies for the 10 days of this workshop.

For the **SIS CLASSROOM SCIENCE EXPERIENCES**, UM's SIS Student Teams (each composed of a graduate student and an undergraduate student who are science majors) will assist SIS Summer Workshop teachers to implement the science modules, developed during the PS Science Summer Workshop, in their classrooms for 3 Monday, Wednesday and Friday mornings for seven weeks during one of the first three 8-week terms during the following academic year. A \$500 "tool box" of equipment and supplies for teaching these modules is provided to each teacher in the SIS Program.

2003-4 SUCCEED SCIENCE TEACHER APPLICATIONS

Applications are being solicited from middle school science teachers for participation in our 2003-4 program. **Applications from TWO SCIENCE TEACHERS PER SCHOOL are required.** Applicants are encouraged to submit completed forms and supporting materials before the **application deadline of April 1, 2003.** Letters from the school's science chairperson and principal showing consent for participation and support are required for each teacher applicant.

SELECTION CRITERIA & PROCEDURE:

- Teachers from schools that are now participating in our program are NOT eligible for the 2003-4 program.
- Only applications received by the application deadline from PAIRS of science teachers from a Miami-Dade County public middle school will be considered.
- Applications must be complete, including the completed application form and the letter of consent and support from the Science Chair and Principal, by the application deadline of **April 1, 2003.** Late applications will be considered only if there are not sufficient applicants by the deadline.
- Preliminary selection will be based on the teacher's
 - school,
 - projected teaching assignments for 2003-4,
 - teaching record,
 - statement of interest and commitment to the required participation, and
 - supporting letter(s) from the Science Chair and Principal.
- Teachers who have met all the above requirements will be observed in their classes by at least one Succeed Science faculty member before the final decision is made.
- Successful applicants will be notified by May 2, 2003.

Successful teacher applicants who complete the SIS Summer Workshop and participate in the SIS Classroom Science Experience will receive

- **Graduate Credits worth \$1800.00** for the 10-day Workshop,
- **Teacher's Tool Box** containing \$500 worth of equipment and supplies to teach the "Global Change" activities,
- **Teaching assistance** from the UM SIS Student Team in their science classes for 3 mornings per week for about 8 weeks of one of the school terms,

and will be considered as a paid "**Mentor Teacher**" in the following SIS Summer Workshop.

TEACHER APPLICATIONS for participation in the **2003-4 Project Succeed Integrated Science Program** must be postmarked **no later than April 1, 2003.**

More information is on our Web site: <http://fig.cox.miami.edu/SucceedScience.html>

"PROJECT SUCCEED"
INTEGRATED SCIENCE PROGRAM, 2003-4
for MIAMI-DADE COUNTY MIDDLE-SCHOOL SCIENCE TEACHERS

TEACHER APPLICATION

A. APPLICANT'S PERSONAL INFORMATION

Last Name _____ First Name _____

HOME Address _____

HOME Phone # _____

Social Security # _____ Gender: Female ___ Male ___

Ethnicity: White (non-Hispanic) ___, Black ___, Hispanic ___, Asian ___,
Pacific Islander ___, American Indian or Alaskan Native ___.

SCHOOL Name & Address _____

SCHOOL Phone # _____ Ext. _____; Region _____

How long have you taught at this school? ___ and in M-D County Public Schools? ___

Grade-level science courses that you NOW teach? _____

Grade-level science courses that you EXPECT to teach NEXT school year? _____

B. Name of OTHER teacher applicant from your school _____

C. Include a 1-page STATEMENT stating why you want to participate in this Program and your commitment to participate in all required components of this program.

D. Attach PRINCIPAL'S & SCIENCE CHAIR'S LETTERS OF CONSENT & RECOMMENDATION and mail ALL items by April 1, 2003, to

Project SUCCEED, Integrated Science Program
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