

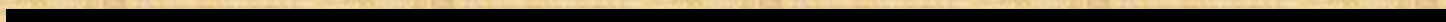


ALABAMA COMMISSION ON HIGHER EDUCATION

NO CHILD LEFT BEHIND ACT (NCLB)
P.L. 107-110, TITLE II, PART A/SUBPART 3
PROFESSIONAL DEVELOPMENT PROGRAM
IMPROVING TEACHER QUALITY: MASTERY OF CONTENT

PROJECT DIRECTORY

Fiscal Year 2004-05



Alabama Commission on Higher Education

100 North Union Street

P.O. Box 302000

Montgomery, Alabama 36104-3758

Phone: 334-242-1998

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FOREWORD

Under authority of Public Law 107-110, the Alabama Commission on Higher Education (ACHE) is awarding a total of \$1,211,943 Fiscal Year 2004-2005* federal funds for K-12 teacher professional development. Of that amount, \$1,033,443 is awarded to continue long-term projects that received FY2003-2004 professional development grants; \$178,500 is awarded to two new projects in this program. Six public universities and one private university received these grants to support partnerships between universities and high-need school districts. Some projects also include partnerships with non-profit agencies and businesses. All are designed to provide long-term, statewide professional development to improve teaching in Alabama public and private schools. A major objective is to achieve high State content and student performance standards, with emphasis on serving high need local school districts.

In these projects, K-12 teachers receive individual hands-on training in the most current technology and proven learning strategies. Projects also include follow-up sessions and technical assistance during the academic year after summer workshops to refresh, reinforce, and re-establish principles and techniques learned. The follow-up occurs in different ways for different projects but usually includes one-day workshops during the school year and on-site observation/assistance visits to teachers in their schools. In addition, projects typically maintain continuing communication by e-mail, print material, and internet websites.

Expenses for administering these projects and for providing project materials are covered by the ACHE NCLB program along with support from the host institutions, private corporations, and government agencies. One ACHE NCLB grant supports teachers' independent research, including study abroad. Travel and related expenses for teachers participating in other projects are provided by sources other than ACHE NCLB funds.

Information on the objectives, schedules, and activities of these projects may be obtained from the project directors listed in this directory. For information on the administration of the higher education NCLB Program in Alabama, contact Dr. Elizabeth French at (334) 242 2179 [efrench@ache.state.al.us] or Dr. James Conely at (334) 242 2235 [jconely@ache.state.al.us] in the Office of Institutional Effectiveness and Planning at ACHE, P. O. Box 302000, Montgomery, Alabama, 36130-2000. The Project Directory and additional information on this program is also available online at <http://www.ache.state.al.us> under "Departmental Pages": "No Child Left Behind – Title II."

*Projects with FY 2004-05 funding include professional development from spring 2005 through spring 2006.

JACKSONVILLE STATE UNIVERSITY

EMCAT: EXPLORING MATHEMATICAL CONCEPTS THROUGH APPLICATION OF TECHNOLOGY

Partners: College of Arts and Sciences
College of Education and Professional Studies
Public School Systems: Calhoun County; Cleburne County;
Jacksonville City; Oxford City; Piedmont City; Talladega
City; Talladega County

Designed for in-service teachers, the goal of this project is to increase secondary mathematics teachers' content and pedagogical knowledge aimed toward improving their students' achievement. Specific EMCAT objectives include increasing teachers' (1) understanding of mathematical concepts, (2) awareness of applications of mathematics, (3) ability to use technology to enhance student learning, and (4) competence in using a variety of teaching strategies. These objectives are achieved in workshops and continuous collaboration with colleagues and instructors. The EMCAT project recognizes that not all students have a strong disposition toward mathematics and strives to aid teachers in developing instructional strategies that will encourage the learning and appreciation of mathematics by all students.

Project Director: *Dr. Delisa Dismukes*

Address: *College of Education and Professional Studies
Jacksonville State University
700 Pelham Road North
Jacksonville, AL 36265*

Telephone: *(256) 782 5181
(256) 782-5445*

Fax: *(256) 782 5169*

E-mail: *dismukes@jsu.edu*

2005 Workshop Dates:
June 27 – July 1

Location:
Jacksonville State University

Followup Dates:

October, November, February (dates to be announced)

March through May: visits to teachers in their schools

JACKSONVILLE STATE UNIVERSITY

IMPACTSEED III: IMPROVING PHYSICS AND CHEMISTRY TEACHING IN SECONDARY EDUCATION

Partners: College of Arts & Sciences
College of Education and Professional Studies
Public School Systems: Anniston City; Attalla City; Blount County;
Calhoun County; Cherokee County; Cleburne County;
Etowah County; Gadsden City; Jacksonville City; Oxford City;
Pell City; Piedmont City; Randolph County; Roanoke City; St.
Clair County; Talladega City; Talladega County
Private School: The Donoho School

IMPACTSEED III addresses two pressing local problems: (a) about 83% of chemistry teachers and 94% of physics teachers are teaching out of field; (b) regional student achievement in physical sciences is much lower than the state average. To resolve these problems, the project helps teachers to make physics and chemistry understandable and fun to learn within a hands-on, inquiry-oriented setting, and also to overcome the fear-factor for these subjects among students and teachers alike. Five components comprise the project: (1) an intensive two-week summer professional development program; (2) five technology workshops during the academic year; (3) sustained, year-round on-site support to the teachers; (4) year-round physics and chemistry hotlines to offer immediate support to the teachers when needed; (5) a website to disseminate the results of the project and to list useful resources. IMPACTSEED offers hands-on, inquiry-based instruction with a strong correlation to the Alabama Course of Study and national standards with primary emphasis on having students discover rather than memorize and with teachers questioning rather than telling.

Project Director: *Dr. Nouredine Zettili, Professor*

Address: *Department of Physical and Earth Sciences
Jacksonville State University
700 Pelham Road North
Jacksonville, AL 36265*

Telephone: *(256) 782 8077*

E-mail: *nzettili@jsucc.jsu.edu*

Internet: <http://www.jsu.edu/depart/pes/physics/impactseed/>

2005 Institute Date:

June 6-17

Location:

Jacksonville State University

Followup Dates:

Five school-year Saturdays TBA

SAMFORD UNIVERSITY

EXTENDED COMMUNITIES OF PRACTICE: MASTERY OF SCIENCE EDUCATION THROUGH LEADERSHIP

Partners: Institute for Teaching and Student Achievement (ITSA) at the
Orlean Bullard Beeson School of Education and Professional
Studies
Howard College of Arts and Science
Southeast Eisenhower Regional Consortium for Mathematics &
Science at SERVE
Public School Systems: Jefferson County; Fairfield City

Now in its third year, the Extended Communities of Practice: Mastery of Science Education through Leadership (MSEL) is focused on increasing professional knowledge and student achievement in science. Based on Formative Leadership Theory, MSEL methods include institutes and workshops, faculty study groups, coaching and mentoring, and training in (1) using data to drive decision making; (2) integration of technology; (3) life science curricula; and (4) leadership development. This year expands to include three cohorts of teacher leaders engaged in developing and delivering new strategies for teaching and learning science. Also new this year is working with principals and district administrators to sustain the project's goals to transform elementary school science teaching, improve student achievement in science, and create teacher leaders who change their own teaching practices and learning environments.

Project Director: *Dr. Deborah Childs-Bowen*

Address: *Institute for Teaching and Student Achievement
OBB School of Education and Professional Studies
Samford University
800 Lakeshore Drive
Birmingham, AL 35229*

Telephone: *(205) 726 4256*

E-mail: *dcchilds@samford.edu*

2005 Institute Dates:

June 13-17

Location:

Samford University

Follow-up Dates:

Monthly meetings held the 2nd and 3rd Wednesdays throughout the school year. Dates are subject to change.

TROY UNIVERSITY
AND
ALABAMA HUMANITIES FOUNDATION

GRAND TOUR IV: LANGUAGE THROUGH CULTURE

Partners: College of Arts and Sciences
College of Education
Public School System: Troy City

Intensive language study is jointly administered with the Alabama Humanities Foundation's "SUPER" program: School and University Partners for Educational Renewal. A one-week residential institute provides foreign language immersion and content-based professional enrichment for all Alabama K-12 teachers and pre-service teachers of French, German, Latin, and Spanish. Groundwork is laid for two follow-up residential weekend workshops and additional one-day workshop opportunities, individual consultations, evaluations, and a lesson-plan resource notebook and CD. The primary objective is to reach Alabama's under-served foreign language teachers and provide resources to enhance their teaching and ultimately their students' learning opportunities. In each phase, participants explore connections within their target language of culture, history, language, and its speakers. This program integrates the Alabama Course of Study's five target areas: communication, cultures, connections, comparisons, and communities.

Project Director: *Dr. Peter Howard, Professor of Classics and Chair
Department of Classical and Modern Languages
131 Malone Hall
Troy University
Troy, AL 36082*

Associate Director: *Mr. Tom Bryant, SUPER Coordinator
Alabama Humanities Foundation
1100 Ireland Way, Suite 101
Birmingham, AL 35205*

Telephone: (334) 670 3309 (205) 558 3997
[Howard] [Bryant]

Fax: (334) 670-3309 (205) 558-3981
[Howard] [Bryant]

E-mail: *phoward@troy.edu*
[Howard]

tbryant@ahf.net
[Bryant]

2005 Institute Date:
July 10-16

Location:
Troy University

Followup Dates:
TBA - To be determined with participants in the July 2005 institute.

TROY UNIVERSITY DOTHAN

WIREGRASS MATH AND SCIENCE CONSORTIUM

Partners: College of Education
College of Arts and Science
PAIGE (Partnership Assistance in Growing Educators)
Public School Systems: Barbour County; Dothan City; Henry
County; Houston County; Ozark City
Private School: Abbeville Christian Academy
Non-Profit Agencies: Wiregrass Museum of Art; Forestry
Foundation; Dothan Regional Airport; National High
Magnetic Field Laboratory

The Wiregrass Math and Science Consortium promotes inquiry-based math and science instruction highlighting the application of technology. Language Arts/Writing and cross-curricular cultural enrichment strategies are presented to demonstrate the need for integrating all content areas. Aerospace activities are included to promote student interest in such fields as engineering and technology. The Consortium supports a Teacher's Assistance Center on the TSUD campus, a "Communication Station" page on the Consortium's webpage and "teacher partnership" activities facilitate the development of professional learning communities. School administrators are involved in an Educational Leadership Forum focusing on skills needed to initiate positive change. Special emphasis is placed on serving teachers from high-need school districts.

Project Director: *Ms. Christina Johnson*

Address: *College of Education
Troy University Dothan
P. O. Box 8368
Dothan, AL 36304*

Telephone: *(334) 983 6556, ext. 1371*

Fax: *(334) 983 6322*

E-mail: *cljohnson@troy.edu*

Internet: <http://www.tsud.edu/consortium>

2005 Institute Date:
June-July 2005 (dates TBA)

Location:
Troy University Dothan

Followup Dates:
November, 2005; February, 2006; March, 2006

UNIVERSITY OF ALABAMA AT BIRMINGHAM
ALAHASP 2005-2006:
ALABAMA HANDS-ON ACTIVITY SCIENCE PROGRAM

Partners: UAB School of Education
UAB School of Natural Sciences and Mathematics
UAB Regional Inservice Center
Institute for Science Education, University of Alabama in
Huntsville
Public School Systems: Limestone County; Selma City; Talladega
County
Private Schools: Presbyterian Home for Children; Spring Valley
School
Businesses and Non-Profit Agencies: American Honda
Foundation; The Private Eye Project, Lyle, WA; SERVE
(Southeast Eisenhower Regional Consortium for Mathematics
and Science Education)

ALAHASP is an inquiry-centered, hands-on elementary science education program providing professional development aligned with state and national standards for researched-based classroom materials, leadership development, and consultation services to system administrators. Since 1995 the project has served over 6,800 K-6 teachers in 44 school systems. In 2005-2006 the project is providing ongoing support of science reform in schools served in the past year, conducting Leadership Institutes for teachers in partner systems, assisting all school system partners with long-range planning for continuing professional development of their teachers, and partnering with the UAB School of Natural Sciences and Mathematics for collaboration between Birmingham area elementary teachers and National Science Foundation Fellows in order to improve teacher and student science content knowledge.

Project Director: *Dr. Joseph Burns, Associate Professor*

Education Director: *Ms. Joan Dawson*

Program Manager: *Ms. Beverly Radford*

Address: *ALAHASP, EB 121
1530 3rd Avenue South
Birmingham, AL 35294-1250*

Telephone: *(205) 934 6885*

Fax: *(205) 934 4792*

E-mail: *jburns@uab.edu / jdawson@uab.edu / bevrad@uab.edu
[Burns] [Dawson] [Radford]*

Internet: *<http://www.uab.edu/alahasp>*

2005-2006 Workshops: *View the ALAHASP website or call/e-mail the ALAHASP staff for current schedules.*

UNIVERSITY OF ALABAMA AT BIRMINGHAM

THE UNIVERSITY-SCHOOL PARTNERSHIP FOR SECONDARY SCIENCE

Partners: Center for Community Out Reach Development (CORD)
Schools of Medicine, Education, Public Health, and Natural
Sciences and Mathematics
Public School System: Birmingham City
Private Agency: McWane Center

This is a two-part program in molecular biology for high school biology teachers designed to improve excellence in science teaching by providing a high level of content, hands-on research, and instruction in inquiry-based teaching. BioTeach is a four-week lecture and laboratory summer course including at least two meetings during the academic year with BioTeach teachers to assess their progress and provide support for teaching hands-on biology courses. The project also includes field trips and classroom implementation programs designed especially for BioTeach teachers.

Project Directors: *Dr. Mary Williams*

Address: *Center for Community OutReach Development
University of Alabama at Birmingham
CH19, Fifth Floor
933 19th Street North
Birmingham, L 35294*

Telephone: (205) 934 5125

Fax: (205) 934-5158

E-mail: wilwag@uab.edu

2005 Institute Dates:

July 5-29

Location:

*University of Alabama at Birmingham
and McWane Center*

Followup Dates:

November 12, 2005 (10:00 a.m. – 5:00 p.m.)

April 11, 2006 (10:00 a.m. – 5:00 p.m.)

Project staff assistance visits to teachers in their classrooms: TBA

UNIVERSITY OF ALABAMA IN HUNTSVILLE

SUCCESS THROUGH ACADEMIC RESEARCH (STAR)

Partners: UAH Office of International Programs
UAH Department of Education
UAH Institute for Science Education
Public School System: Bullock County

STAR provides one or two meritorious Alabama K-12 teachers in a “high need” school with an opportunity for independent research and study in the subjects they teach to increase their expertise and effectiveness. The partnership includes representatives from all fields of teaching and research at UAH under the guidance of the UAH Office of International Programs (OIP) and a high-need school district. This district identifies teachers from its schools who meet minimal criteria of excellence and invites them to apply for scholarships of up to \$3,000 each. Then if space is available, applications from teachers in all other Alabama districts are accepted. The nature of the study is varied with preference for well planned individual research projects in foreign countries. All study programs include professional mentoring and follow-up.

Project Director: *Dr. John R. Pottenger, Director*

Address: *Office of International Programs
Morton Hall, Room 126
University of Alabama in Huntsville
Huntsville, AL 35899*

Telephone: *(256) 824 6055*

Fax: *(256) 824 6142*

E-mail: *oiip@uah.edu*

2005-2006 Independent Study Dates and Locations: *[varies by teacher and study program]*

Followup:
March 2006 [Date TBA]

UNIVERSITY OF ALABAMA IN HUNTSVILLE

TEACHING THE FUTURE: MASTERY OF SCIENCE AND MATHEMATICS THROUGH SPACE EXPLORATION

Partners: UAH Continuing Education
UAH Department of Education
UAH Institute for Science Education
Public School Systems: Baldwin County; Perry County

Teaching the Future is a space science education project to help Alabama teachers meet the objectives of the Alabama Courses of Study in science and mathematics, correlated with the Stanford 9 Achievement Test. The project introduces important historical, theoretical, and practical implications of space exploration for teaching science and mathematics and to provide on-site, first-hand exposure to certain research and operational space facilities. Workshops provide hands-on experiences for classroom implementation of relevant concepts, constructivist pedagogies, and teaching materials. Working with the project are other high-tech and science education agencies, including the University of California-Irvine office in Huntsville, NASA's Marshall Space Flight Center, and the U. S. Space & Rocket Center.

Project Director: *Dr. John R. Pottenger, Director*

Address: *Office of Educator Programs
Division of Continuing Education
Room 110, Wilson Hall
University of Alabama in Huntsville
Huntsville, AL 35899*

Telephone: *(256) 824 6835*

Fax: *(256) 824 6760*

E-mail: *pottenj@email.uah.edu*

Internet: *<http://www.coned.uah.edu/educator.cfm>*

2005 Summer Workshops:

June 6-11 July 18-23

June 13-18

June 20-25

Locations:

University of Alabama in Huntsville;

The U. S. Space & Rocket Center

Follow-up:

Spring, 2006 [dates TBA]

**UNIVERSITY OF SOUTH ALABAMA
AND
ALABAMA INSTITUTE FOR EDUCATION
IN THE ARTS**

**PROFESSIONAL DEVELOPMENT TRAINING IN
COMPREHENSIVE ARTS EDUCATION**

Partners: College of Arts and Sciences
College of Education
Public School Systems: Department of Youth Services; Mobile
County; Montgomery County; Selma City
Private School: Saint James School, Montgomery
Non-Profit Agencies: Alabama Shakespeare Festival;
Montgomery Museum of Fine Arts

The Alabama Institute for Education in the Arts (AIEA) is a statewide agency whose sole mission is providing intensive, quality professional development training in comprehensive arts education to teachers and administrators in Alabama's schools. AIEA has three distinct training sessions in addition to providing site visits, mentoring, *SuperSaturday* training days throughout the year, professional development workshops for schools, working with higher education faculties, and providing workshop opportunities through the Regional Inservice Centers. The *Summer Institute*, held for seven days in Montgomery, trains teachers in music, theatre, visual art, and dance, as well as hosting an Administrator's Leadership track. *Arts in Education*, held at the University of South Alabama, provides six days of sequential training across the arts disciplines throughout the academic year. The new *Multi-Arts Integration Workshop* is planned for July in Montgomery. Teachers who have been trained in either of AIEA's intensive workshops or who are arts specialists will work on arts integration and curriculum design.

Project Director: Ms. Martha Lockett, *Executive Director, AIEA*

Co-Director: Dr. Jeannette Fresne, *Assistant Professor, University of South Alabama*

Address: *Office of Sponsored Programs, AD 200
University of South Alabama
Mobile, AL 36688-0002*

Telephone: (334) 396 2432 [Lockett] (251) 460 6697 [Fresne]

E-mail: mlockett@artseducation.org [Lockett] jfresne@usouthal.edu [Fresne]

2005-2006 Institute Dates:

*Summer Institute 2005
June 12-18, 2005*

*Multi-Arts Integration and Curriculum Design
July 24-26, 2005*

*Arts in Education (AiE) Workshops
September 2005—April 2006*

*SuperSaturday (tentative)
December, 2005; April 2006*

*Mentorship
September-April*

Site Visits
December, 2005 – March, 2006

Locations:

Montgomery, Alabama

Montgomery, Alabama

Mobile/Baldwin County, Alabama

Montgomery/ Other locations

Teacher's Classrooms

Teacher's Classrooms

Alabama Commission on Higher Education

100 North Union Street

P.O. Box 302000

Montgomery, Alabama 36104-3758

Phone: 334-242-1998

Fax: 334-242-0268

Website: www.ache.state.al.us

