

## University of West Florida

### *Northwest Passage Youth Leadership Summit*

This is an exciting residential youth leadership program to be offered from July 20-25, 2003. Students from the Panhandle area of the state will focus on developing essential leadership skills. The program is designed to help gifted and high-achieving students in grades 8-12 understand the value of leadership, citizenship, partnership, and trusteeship. It will connect students from 11 different Florida counties and provide academic challenges needed to enrich their learning opportunities and bring together leaders of tomorrow to serve communities through valuable service learning projects. There is a \$100 cost to students, with scholarships available.

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Pensacola, FL 32514-5750

## University of South Florida

### *Public Health Possibilities (PHP) 2003*

During this challenging and fun residential program, offered from June 15-29, 2003, 27 gifted and high-achieving students entering grades 10-12 from an 18 county area in west and central Florida will learn about public health's diverse academic disciplines and career possibilities. The students will explore current challenges in public health and possible solutions for these complex problems by actively participating in interdisciplinary seminars, site visits, cooperative problem-solving activities, three-day internships, volunteer experiences, and a public health conference. There is a \$35 basic recreational fee for students, plus an optional \$16 fee to use campus sports facilities. College credit is available for an additional \$40.

Contact Person: Dr. Elizabeth Gulitz  
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MDC56, Tampa, FL 32612



The New Department of  
**Education**

STUDENT ACHIEVEMENT AND ARTICULATION  
BUREAU OF INSTRUCTIONAL SUPPORT AND COMMUNITY SERVICES  
Jim Horne, Commissioner

# GOVERNOR'S SUMMER PROGRAM

## FOR GIFTED AND HIGH-ACHIEVING STUDENTS

## PROGRAM ABSTRACTS

# 2003



The purpose of the Governor's Summer Program is to provide an opportunity for outstanding gifted and high-achieving students to participate in and use the resources of the universities and colleges in Florida.

Institutions of higher education, public or private, submit proposals to provide day or residential summer programs for gifted and high-achieving students entering grades 8-12. Their aim is to use the academic strengths and unique instructional resources of the sponsoring institution to provide learning experiences not available in the secondary education programs of participating students.

Information about programs selected for the Governor's Summer Program is sent to all 67 Florida school districts to encourage the participation of outstanding secondary students.

*Direct all inquiries about specific programs to the contact person listed.*

**Brevard Community College**  
*Advanced Calculus and Calculus-Based  
Statistics Applications*

This 15-day program offered from July 7-25, 2003, will provide Brevard County high school students with intensive study and directed practice in advanced mathematics. This advanced study will provide authentic learning experiences and opportunities to practice collaboration skills through discovery, analysis, and experiential learning. This will simulate problem solving, interest, and preparation for advanced mathematics course taking, while expanding student interest in mathematical careers. The program will focus on theoretical development of advanced calculus topics and their applications in probability and statistics. The complex tasks will provide students with the foundations required for advanced college study and careers in mathematics or science. Through dual enrollment, students will earn eight hours of college credit for MACH 1311 Honors Calculus I and STAH 2023 Honors Statistics. There are no costs to students.

Contact Person: Dr. John Khoury  
(321) 632-1111, ext. 32315  
Mailing Address: 3865 N. Wickham Road  
#7-319, Melbourne, FL 32935

**Florida Atlantic University**  
*Engineering Scholars' Program*

This day program offered from June 16-July 2, 2003, provides dual-enrollment courses (3 semester credits each) in Robotics & Automation, Web Authoring/Programming, Inventive Problem Solving, and Electronic Design for high-achieving high school students entering grades 11-12 in Broward and Palm Beach counties. Faculty and staff experienced in working with gifted students will use state of the art College of Engineering laboratories to provide challenging educational opportunities not available in high schools to help students develop their problem-solving skills and prepare for future university studies. Team projects are emphasized. Sunshine State Standards and curriculum design modifications are incorporated. Follow-on activities are provided. Application deadline is April 18, 2003. There are no costs to students.

Contact Person: Dr. Maria Larrondo Petrie  
(561) 297-3899  
Mailing Address: College of Engineering,  
777 Glades Road, Boca Raton, FL 33431



**Hillsborough Community College**  
*New Frontiers in Engineering*

This program, offered from June 9-20, 2003, is designed to accommodate 9th through 11th graders in underrepresented populations of students receiving gifted services in Hillsborough County District Schools. The highlights of the program include developing a website for a newly constructed school, learning problem-solving rubrics to solve everyday problems, and exposure to and interaction with mathematical concepts directly related to five state of the art engineering disciplines: cryogenics, lasers, nano-technology, bio-technology, and genetic principles. There is a \$25 registration fee.

Contact Person: Sharon E. Miller  
(813) 253-7982  
Mailing Address: 10414 E. Columbus Drive,  
Tampa, FL 33619

**Jacksonville University**  
*Creative Resolutions:  
Glass and Sculpture Media*

This residential program will have two sections, May 25-June 6 and June 8-25. Eighth through twelfth-grade students selected from rural Nassau and underserved Duval high schools will engage in glassblowing and sculpting at Jacksonville University (JU) studios, research at JU library and science laboratory, and drawing at the Cummer Museum and Gardens at the Jacksonville Museum of Modern Art. Students will exhibit their artwork and research at the JU Alexander Brest Museum and have their work exhibited at the Cummer Museum for the month of July. There are no costs to students.

Contact Person: Caroline Madden  
(904) 256-7381  
Mailing Address: 2800 University Boulevard  
North, Jacksonville, FL 32211

**Nova Southeastern University**  
*Biotechnology: Friend or Foe?*

This program, offered from June 23-July 11, 2003, will engage students entering grades 9-12 in a three-week day program of study, research, and reflection about biotechnology and its benefits as well as dangers. Students will experience interdisciplinary learning from the perspectives of biology, literature, law, and philosophy. Their knowledge will be applied to methods related to biological and computer science, debate, and creative writing. Professors will lead discussions, promote research, conduct hands-on experiences, and supervise field trips. The focus is on helping students learn about the scientific and ethical issues surrounding biotechnology, leading up to a student project. There are no costs to students.

Contact Person: Dr. Don Rosenblum  
(954) 262-8402  
Mailing Address: 3301 College Avenue,  
Fort Lauderdale, FL 33314

**Seminole Community College**  
*Studio and Stage: The Ten-Minute Script*

This day program, offered from June 30-July 24, 2003, is designed for gifted and high-achieving students entering grades 8-12 in the central Florida region. Students will be selected to participate in either the four-week multimedia program or two-week theater program. The two programs will provide students real world experience in producing both plays and video shorts using a contemporary ten-minute format. The ten-minute script has recently undergone a revival in theatres around the world. There are no costs to students.

Contact Person: Dr. Karen Copp  
(407) 328-4722 ext. 3417  
Mailing Address: 100 Weldon Boulevard,  
Sanford, FL 32773

**South Florida Community College**  
*Advanced Studies in Theatre Arts*

This dual-enrollment day program is open to gifted and talented students in the 10th through 12th grades who have an interest in learning more about theatre and the performing arts. The program will be offered June 2-27, 2003. Participating students will have the opportunity to earn three hours of college credit in an exciting, interactive environment. Students will be expected to take an active role in the learning process. Course work will stem from an integrated curriculum of both the history and appreciation of theatre as well as the practice of theatre as an art form. Students will be afforded the opportunity to demonstrate their acquisition of knowledge through creative, multidisciplinary assignments and projects. A number of field trips will be incorporated to provide students with first-hand knowledge of various genres of theatrical productions. There are no costs to students.

Contact Person: Michael J. McLeod  
(863) 784-7441  
Mailing Address: 600 West College Drive,  
Avon Park, FL 33825

**Union Institute and University**  
*CAMP: Creative Arts Music Program*

Targeting students in 8th through 12th grades, this program is offered from June 7-30, 2003. The program goal is to provide the opportunity to participate in music workshops and learn how major projects are developed in the arts and entertainment industry. The program will empower participants with knowledge of historical and theoretical principles in American music. Students will have an informal jam session June 8. The program will conclude with two concert performances. A live recording will be made, and a CD will be produced. There is a \$75 application fee. College credit is available for an additional \$175. Scholarships are available.

Contact Person: Roger H. Sublett  
(800) 486-3116  
Mailing Address: Marathon High School,  
350 Sombrero Beach Road, Marathon, FL 33050