

# Governor's Summer Program for Gifted and High-Achieving Students

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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 the State of 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 utilize the academic strengths and unique instructional resources of the sponsoring institution in order to provide learning experiences and instructional resources 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.

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*Grant Application  
Program  
Abstracts  
2004*

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

**Brevard Community College**

***Astrochemistry: An Honors Approach to General Chemistry***

This fourteen day program, offered from June 28th to July 16th, 2004, will provide twenty high-achieving and gifted Brevard County students in grades 8-12 with intensive study and directed practice in science. The advanced level study will provide authentic learning experiences and collaborative teamwork through discovery, analysis, and experiential learning that stimulates problem solving, interest, and preparation for advanced science courses, while expanding student interest in scientific careers. The program examines chemical theories, principles, and their connections with the application of physics to astronomy. The interdisciplinary study provides students with the foundations required for advanced college study and, ultimately, careers in science. Through dual enrollment, students earn four hours of college credit for science. Students receive a \$250 stipend to assist with transportation and other expenses.

Contact Person: Deborah McClinton  
(321) 433-5647 or (321) 433-7135  
Mailing Address: 3865 N. Wickham Rd. 7-347,  
Melbourne, FL 32935

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**Florida Atlantic University**

***Engineering Scholars' Program***

This day program, which is offered from June 14th to July 1st, 2004, provides dual-enrollment in nanotechnology, web programming and computer security, inventive problem solving, and electronic design with operational amplifiers for at least 80 high-achieving high school students in Broward and Palm Beach counties. Faculty and staff experienced in working with gifted students will utilize state-of-the-art College of Engineering laboratories to provide challenging educational opportunities typically not available in high school 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. Students are responsible for transportation and lunches. Scholarships are available.

Contact Person: Dr. Maria M. Larrondo Petrie  
(561) 297-3899  
Mailing Address: College of Engineering, 777  
Glades Road, Boca Raton, FL 33431-0991

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**Florida Community College at Jacksonville**

***Technoart Camp***

Forty-eight gifted and high-achieving students entering grades 8-12 in Duval, Nassau, Clay, St. Johns, and Putnam Counties are expected from June 1st to July 9th, 2004, for this six-week day camp. Students will learn computer game design and development or robot engineering, including robot design, construction, and programming. Student cost is \$900. Students may earn seven college credits.

Contact Person: John Trifiletti  
(904) 646-2378  
Mailing Address: 11901 Beach Boulevard,  
Jacksonville, FL 32246

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**Hillsborough Community College**

***Aerospace Summer Academy***

This day program, offered from June 7th to 18th, 2004, is designed for twenty four Hillsborough County students in grades 9-12. Students will complete 5 hours of dual instruction in a single-engine land aircraft and five hours of observation flight in the same category and class of aircraft, as well as 20 hours of ground instruction, following established Federal Aviation Administration guidelines. There is a \$25 registration fee.

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

**Jacksonville University**

***Exploration of Contemporary Dance, Music, Choreography and Performance***

This day program, offered from May 24th to June 5th, 2004, is for fifteen Duval County gifted and talented students in grades 8-12 with low socio-economic status. Participants will learn contemporary dance technique, choreographic devices, and creative processes within the movement paradigm. A dance concert will be presented on the campus. There are no costs to students.

Contact Person: Cari Martin  
(904) 256-7398  
Mailing Address: 2800 University Boulevard North, Jacksonville, FL 32211



**Lake Sumter Community College**

***Emerging Outbreaks and Public Health in the 21st Century***

This day program, offered from July 5th to 23rd, 2004, will challenge twenty-five gifted and high-achieving students from Lake and Sumter School Districts. Students will enter the world of science, public health, and homeland security. Experiments, research, lectures, and a trip to the Centers for Disease Control and Prevention in Atlanta will provide students with a broad foundation about pathogens, outbreaks, and the social impact of public health issues. Participants will receive three college credits. Students will incur costs for meals and incidentals on the Atlanta trip.

Contact Person: Dr. Keti Venovski  
(352) 243-5722  
Mailing Address: 9501 US Hwy 441, Leesburg, FL 34788



**North Florida Community College**

***North Florida Water Quality Services***

This intensive two week day program, running from June 7th to 18th, 2004, is designed for thirty gifted and high-achieving students enter-

ing grades 10-12 in Hamilton, Jefferson, Lafayette, Madison, Suwannee, and Taylor counties. Special emphasis will be placed on the inclusion of economically disadvantaged and otherwise underserved students. Course curriculum will involve biology/ecology and chemistry with emphasis on how these disciplines can be used to explore water quality issues and to formulate solutions. The curriculum will provide students with opportunities to explore career possibilities in the areas of study. There is no cost for students.

Contact Person: K. Douglas Brown  
(850) 973-1603  
Mailing Address: 1000 Turner Davis Drive, Madison, FL 32340



**South Florida Community College**

***Advanced Studies in Theater Arts***

This dual-enrollment day program will accommodate twenty-five students in grades 9-12 from July 5th to 23rd, 2004. Participants have the opportunity to earn three hours of college credit in an exciting, interactive environment. Course work will involve a study of the progression of modern and postmodern theatrical expression and genres of performance, with a focus on academic theories of acting and staging. Participants will be expected 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: Lindsay Byron  
(863) 784-7422  
Mailing Address: 600 West College Drive, Avon Park, FL 33825



**University of Florida**

***Gator Lab***

During this ten day program, offered from June 7th to 18th, June 21 to July 2, and again from July 5th to 16th, 2004, seventy-five gifted and

high-ability eighth grade students (25 per session) will focus on *adaptation*. Participants will examine various organisms, analyze adaptations to environmental stressors, and explore molecular adaptations via multi-disciplinary approaches. Students will research in authentic environments. Through inquiry and cooperative teaching/learning, students will use the scientific method and technologies to investigate and seek solutions to real-world problems. Through mentoring, students will begin to realize career opportunities and develop confidence to pursue challenging academic career pathways. There is no cost to students.

Contact Person: Dr. Mary Jo Koroly  
(352) 392-2310  
Mailing Address: PO Box 112010  
Gainesville, FL 32611-2010



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**Education**

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*Jim Horne, Commissioner*  
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