

Parent Information Sessions

We encourage parents and other adults (grandparents, aunts/uncles, friends, etc.) who are committed to the success of a student in their life to attend our workshop for parents. We provide an overview of current educational trends, options for college degree and non-degree career paths, and available resources for students and adults related to the benefits and costs of choosing either path. We will:

- Give you tips on preparing middle and high school students for college;
- Identify educational resources to help your student to compete more effectively;
- Suggest opportunities for summer programs, leadership opportunities, and academic programs to supplement your student's middle and high school experience -- including cost and how/when to apply.



Local community leaders in education and career counseling present information

and facilitate parent discussions. Their presentations will help you, as parent or interested adult, help your student to do well in middle and high school, explore career options, and succeed in future education and work endeavors.

Why is STEMS such a critical issue?

In a 2015 worldwide survey of 15 year olds, the United States ranked number 28 among 76 countries in test scores for science and mathematics. Sadly, this is just above the cut-off for the top one-third. The same year in U. S. nationwide testing, only 40% of all U. S. 4th graders scored at, or above, the “proficient” level in math and only 36% scored at, or above, the “proficient” level in reading. For 8th graders, the results were 33% in math and 34% in reading at, or above, the “proficient” level.

President Obama noted, in 2015, that in our competitive global economy, this situation creates risk for our continued economic success. He underlined the priority for STEMS education by declaring that, before the year 2020, American students must “move from the middle to the top of the pack in science and math.” He added, “Leadership tomorrow depends on how we educate our students today – especially in science, technology, engineering and math.” This challenge has not been met.

Those working in a STEMS field generally earn higher pay than those in non-STEMS fields. In addition, virtually all higher-level managers and executives require strong STEMS-related skills, if not a specific background in one or more STEMS areas. For examples, the Masters of Business Administration degree (MBA) requires mastery of many areas of mathematics and computer technologies.

Saint Philip Church Career Resource Ministry

Tenth Annual STEMS Fair

Saturday, August 26, 2017

8:30 A.M. to noon



Science, Technology, Engineering,
Mathematics, and Services (STEMS)



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Rev. William D. Watley, Senior Pastor

Annual SPC STEMS Career Fair

Through the annual Science, Technology, Engineering, Mathematics, and Services (STEMS) Career Fair, we provide hands-on exploration of many STEMS careers. We strive to expand the student's imagination of what is possible and what excites her / his sense of self. We encourage each student to take an interest in STEMS subjects at an early age and to embrace the idea, whether female or male, that STEMS careers are possible, are a good choice, and are worth the hard work required to succeed. We also support parents and interested adults to help their student maintain interest in STEMS and to prepare, in practical ways, to pursue those interests in education and in career choices.

Students of any age who have an interest in STEMS are welcome to register. Because



our focus is to provide the most positive experience possible to middle and high school students, we give them

priority access to exhibitors, educational sessions, and other activities.

Students may attend workshops on a variety of topics, including computer applications in animation, basic sciences that apply to public health, police work, and environmental sciences, and many other future STEMS careers. (Note that workshop topics differ each year.)

Annual SPC STEMS Career Fair

This event is held each year on the last Saturday in August, from 8:30 A.M. to noon. **Registration is free for students and parents.**

Please send an E-mail to the Saint Philip Career Resource Ministry (CRM) at the address below to register as an exhibitor, to register a student participant, to register as an adult attendee, or to volunteer to help.

Send E-mail to: spc_crm@saintphilip.org

To support this effort, do as many of the following as you can.

- ✓ Put this on YOUR Calendar.
- ✓ Tell your children, friends, family, and neighbors to put it on theirs.
- ✓ Volunteer to help however you can.
- ✓ Be an exhibitor or a speaker.
- ✓ Simply be present at the Career Fair to demonstrate how important you think this is for our young people.
- ✓ Tell your local middle and high school to add this event to their planning calendar and to provide notices to parents.
- ✓ Sponsor a participant at \$5, \$10, \$15, \$20, or \$25. Mark your gifts to SPC as "2017 STEMS Gift."



2016 Participants

Acoustical Society of America - GATech
Alpha Chi Sigma – GATech
Casualty Actuarial Society /
American Academy of Actuaries
AT&T's "Arduino Guild"
The Bamboo Container Plant
Blueprint Camp, LLC
Center for Behavioral Neuroscience
at GA State
Centers for Disease Control and Prevention
Museum of Design Atlanta (MODA)
ChEmory - Emory Univ.
Clorox Corporation
Civil Air Patrol
Delta Community Credit Union
Fernbank Science Center – LINKS
Fun Weird Science, LLC
G-STEM Program - Spelman College
Gamma Chi chapter of Chi Eta Phi
Georgia Bureau of Investigation
Georgia Piedmont Technical College
IEEE Atlanta Women in Engineering
Industrial and System Engineers
Lockheed Martin Aeronautics Company
Museum of Design Atlanta (MODA)
Pali Proto 3D Printing
Physics Club - Spelman College
Science Cheerleaders
SE Engineering
STEM Compass - Orienting Children
to STEM Careers
Systems & Industrial Engineering –
Kennesaw State Univ.
TRS Robotics
Women in Electrical and Computing
Engineering - GA Tech Univ.
Young Women in Biology