



IMS2018 Four-Year Investment on STEM Education at The Philadelphia High School for Girls, aka Girls' High

The 2018 International Microwave Symposium (IMS2018) Steering Committee will set up a four-year SIGHT Grant to improve the Science, Technology, Engineering, and Mathematics (STEM) opportunities for high school students in an underserved Philadelphia community. The grant, with a guaranteed minimum of \$25,000, is funded by sponsorships from IMS2018 Exhibitors and other Philanthropic entities. IMS2018 has selected the Girls' High, a magnet school with a large economically disadvantaged population as the Grant recipient.

The IMS2018 SIGHT Grant Sponsorship levels are:

- ❖ SIGHT Principal Sponsor: \$10,000
- ❖ SIGHT Major Sponsor: \$7,500
- ❖ SIGHT Sponsor: \$5,000
- ❖ SIGHT Supporter: \$1,500

The IMS2018 SIGHT Grant sponsors and supporters receive the following IMS2018 benefits:

- ❖ Advance promotion recognition
- ❖ SIGHT participant identifier to display in/on your booth
- ❖ Participation and Acknowledgement at the "Check Handover" Event
- ❖ Recognition of sponsorship status at other promotions (e.g., press coverage with local newspapers, TV and radio stations, social media outlets, and newsletters). Coverage is proportional to the sponsorship amounts.

Additional Information is available by contacting:

MP Associates, Inc., exhibits@mpassociates.com, +1 303-530-4562 (phone); +1 303-530-4334 (fax)

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Exhibition Dates: 12 – 14 June 2018 * Symposium Dates: 10 – 15 June 2018

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SIGHT GRANT – Details

IMS2018's four-year SIGHT Grant is under the auspices of The Institute of Electrical & Electronic Engineers, Inc. (IEEE) "Special Interest Group on Humanitarian Technology, SIGHT", which supports humanitarian efforts to leverage technology for sustainable development. The IMS2018 SIGHT program's guiding principle is to provide sustained support to a local economically disadvantaged community to make a tangible improvement in the community. The IMS2018 SIGHT Program, in collaboration with the School District of Philadelphia (SDP), has established the four-year STEM enrichment program to support the (Class of 2022) high school student cohort from the freshman through the senior year.

The IMS2018 SIGHT Grant recipient, Girls' High is a public university preparatory high school for girls in Philadelphia, PA. Established in 1848, it is one of the first public schools for women. The student body is comprised of 95% minority and 75% economically disadvantaged populations. The Girls' High is a magnet school in the School District of Philadelphia with a competitive admissions process. Vincit qui se vincit (she conquers who conquers herself) is the school's motto.

The IMS2018 SIGHT Grant Advisory Board comprises:

- ❖ Mrs. McGady, SDP Curriculum Specialist
- ❖ Mrs. Horowitz, Office of Science Outreach, UPenn
- ❖ Dr. Kaur, Dept. of Chemistry, Temple University
- ❖ Dr. Santiago, School of Engineering, UPenn
- ❖ Mrs. Michini, Mathematics Dept. Chair, Girls' High
- ❖ Mr. Ames, Science Dept. Chair, Girls' High
- ❖ Ms. Schley, Classrooms to Careers, Temple University
- ❖ Dr. Cullin, Biology Department, Loch Haven University
- ❖ Dr. Cristobal Carambo, Science Department, Girls' High
- ❖ Dr. Parthenia Moore, Principal, Girls' High
- ❖ Mrs. Sabina Sheriff, School Counselor, Girls' High
- ❖ Mrs. Mellissa Doss, School Counselor, Girls' High
- ❖ Dr. Kanamaluru, IMS2018 General Chair (Sponsor)

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The IMS2018 four-year SIGHT Grant supports the following STEM activities at Girls' High:

- 1. Science Laboratories**
 - ❖ Physics & Chemistry at Temple University – Semester long physics and chemistry classes
 - ❖ Electrical Engineering at University of Pennsylvania
 - ❖ Women at Computer Science, sponsored by Ms. Housman, The Philadelphia STEM Innovation Center
 - ❖ Nanotechnology Research at Loch Haven University
- 2. Summer Internships (Paid)**
 - ❖ Laboratory Experience in Natural Science (LENS) Summer Research at University of Pennsylvania
 - ❖ Medical Research Internship at Einstein Hospital
- 3. Independent Scientific Research**
 - ❖ Science Fair Competition, mentored by science and mathematics faculty at Girls' High
 - ❖ Junior Science Humanities Symposium (JSHS) by STEM City Philadelphia and Temple University
 - ❖ Pennsylvania Junior Academy of Science Competition (PJAS)
 - ❖ Philadelphia High School for Girls Science Journal
- 4. After school STEM related Academic Clubs**
 - ❖ 3-D Printing Seminar and 3D Printing
 - ❖ Robotics Team (The TechnoBots) in the First Tech Challenge (FTC) league
- 5. College and Career Readiness Seminars**
 - ❖ Drexel Student Nurses Association – Informational Seminars
 - ❖ Community College of Philadelphia – STEM careers Information Seminars
- 6. College Applications Counseling**
 - ❖ College Fair (invite Universities with Outreach Programs to visit Girls' High)
 - Discuss application process
 - Discuss college costs, available scholarships, and need based aids



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