

# **GRAND HANK STEM CENTER AND CREATIVE SPACE FOR INNER CITY YOUTH (GHSC)**

501 East Armstrong Street, Philadelphia, PA 19144 (Adjacent To LaSalle University)

## ***Return the U.S. to the #1 Ranking in the World***



### **GHSC'S PRIMARY GOAL**

Renovate an existing structure and construct the *Grand Hank STEM Center And Creative Space* for inner city youth.

### **GHSC'S OBJECTIVES**

- Provide children in grades K-12 the opportunity to do hands-on STEM related projects to improve their overall performance in this area.
- Produce television and video related content to assist students in understanding STEM.
- Provide presentation and creative space to fuel innovation and science literacy.
- Serve as a job-readiness training center to build a pipeline of highly qualified STEM workers.
- Provide full-time and part-time employment, research opportunities and internships for students from the community and surrounding educational institutions.

### **GHSC'S RENOVATION AND BUILD-OUT**

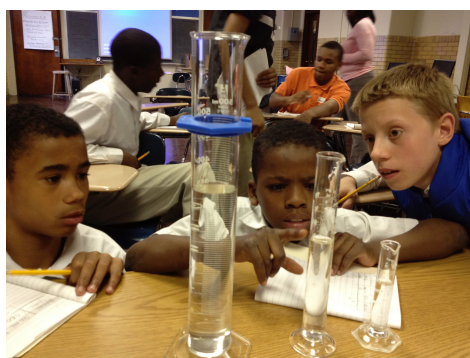
Grand Hank Productions Incorporated, a multimedia education company is opening a 10,000 square foot, state-of-the-art Science, Technology, Engineering and Mathematics (STEM) Center and Community Space adjacent to LaSalle University in Philadelphia, Pennsylvania. The STEM Center will provide students in grades K-12 with the opportunity to do hands-on STEM related projects.

### **GHSC'S FACILITIES**

The space will house the following: robotics and engineering space, video gaming and mobile applications design space, computer lab, analytical and wet chemistry labs, video production facility, culinary kitchen, administrative offices, as well as a multi-purpose training and event facility with a presentation stage.

### **GHSC'S ACTIVITIES**

The center will house a video production facility to produce and record STEM and educational content to help students improve understanding, while allowing them the opportunity to share their work with students globally. The Community Center will provide live STEM events designed to bring families together and reunite the communities at-large. The Center and Community Space will provide full-time and part-time opportunities for members of the community and internships for college students from the surrounding educational institutions.



# *U.S. students improving – slowly – in math and science, but still lagging internationally... “Pew Research Center, Drew Desilver”*

## PISA TEST SCORES 2012

### SCIENCE

1. Hong Kong
2. Singapore
3. Japan
4. Finland
5. Estonia
6. South Korea
7. Vietnam
8. Poland
9. Liechtenstein
10. Canada
11. Germany
12. Taiwan
13. Netherlands
14. Ireland
15. Macao
16. Australia
17. New Zealand
18. Switzerland
19. Slovenia
20. United Kingdom
21. Czech Republic
22. Austria
23. Belgium
24. Latvia
25. France
26. Denmark
27. United States
28. Spain
29. Lithuania
30. Norway
31. Italy
32. Hungary
33. Luxemburg
34. Croatia
35. Portugal
36. Russian Fed.
37. Sweden
38. Ireland

## COMPANY BACKGROUND

Grand Hank Productions Incorporated (GHPI) has more than 25 years experience in researching, writing, packaging and delivering exciting STEM-based programs, professional development and television content to students, administrators and parents as well as community based events on a local, regional, national and international scale. (Visit our website at [www.grandhank.com](http://www.grandhank.com).)

## CEO's BIOGRAPHY

Tyraine Ragsdale (aka Grand Hank) is the founder and CEO of GHPI. An award winning, internationally renowned science educator and former research scientist for the Johnson & Johnson Family of Companies, Tyraine is a product of the Philadelphia Public School System and University of Pittsburgh graduate with a degree in chemistry. As a scientist and educator, Tyraine knows first-hand that a solid education can provide the tools for one to raise one's self out of poverty and move to prosperity. It is our mission to share this knowledge with members of the greater community and develop more scientifically literate citizens.

## GHSC'S REQUEST FOR FINANCIAL SUPPORT

We are seeking financial support for the renovation build out and sustainable operation of this innovative and creative space for learning.

## GHSC'S CONTRIBUTORS AND DONORS

The **Peak Tek Technology Corporation** has made a donation of \$100,000 in hi-tech instrumentation to help establish a state-of-the-art analytical chemistry laboratory at the center.



Peak Tek Corporation CEO, Mr. George Bruce (an electrical engineer) donated \$100,000 in Hi-Tech laboratory instrumentation.

## GHSC'S PARTNERSHIPS

The GHSC is currently in talks with **Drexel University's Department of Materials Science And Engineering** to provide support and resources to the center. In addition GHSC is in talks with the **Temple University Health - Fox Chase Cancer Center** to collaborate with its Immersion Science program to help students understand the importance of making healthy food choices to prevent cancer.

## CONTACT INFORMATION:

Tyraine Ragsdale - Grand Hank  
Productions, Inc., 501 East Armstrong  
Street, Philadelphia, PA 19144  
Phone: 215-247-1109 Cell: 267-249-5613  
Email: [contactus@grandhank.com](mailto:contactus@grandhank.com)  
Website: [grandhank.com](http://grandhank.com)



**FOX CHASE**  
CANCER CENTER  
TEMPLE HEALTH

