

## EXHIBIT A - Brief Description of Grand Hank Productions

### Company Background

Grand Hank Productions, inc. (GHPI) was founded in 1990 by scientist and educator, Tyraine Ragsdale, known most commonly by his stage name, *Grand Hank*. A graduate of the University of Pittsburgh earning a bachelor of science degree in chemistry, with minors in physics and mathematics, Tyraine went on to become a research scientist for the Johnson & Johnson family of companies.

Tyraine developed, and further synthesized over 23 years, a unique teaching methodology. Unique to the educational sector, Tyraine's high-energy science presentations, unique teaching methods and deep belief that all children can learn, have worked to reverse thousands of students' aversion to STEM subjects resulting in previously unforeseen educational opportunities and broader career paths.

GHPI has reached more than 10 million students, parents and administrators across the United States and internationally.

## EXHIBIT B - Tyraine Ragsdale's (Grand Hank) Accreditations and Achievements

- Grand Hank (a.k.a. Tyraine Ragsdale) is a product of the Philadelphia public school system. Grand Hank Productions, Inc. (GHPI) is located within the communities it serves.
- Grand Hank is a graduate of the University of Pittsburgh where he earned a Bachelor of Science degree in chemistry.
- Grand Hank held a position for five years at the R.W. Johnson Pharmaceutical Research Institute Division of Johnson & Johnson in drug discovery.
- Grand Hank founded Grand Hank Productions, Inc. in 1990 to increase the number of students enrolled in STEM subject areas.
- Grand Hank has built a team of highly trained and credentialed, multi-disciplinary professionals. Professional disciplines included are: scientists; engineers; behaviorists; marketing and strategic communications; management; science administrators; information and data managers, as well as artists, musicians and other subject related professionals.
- Grand Hank was a contributing professional and co-writer/implementer of the School District of Philadelphia's science core curriculum for grades K through 8.
- Grand Hank provides on-going instructional media for teachers and students wrapped in a contemporary package utilizing the symbols, lifestyles, and value sets of teachers and today's culture-, music- and lifestyle-savvy students.
- Grand Hank has been the recipient of numerous awards including the George Washington Carver Award for his impact upon science and humanity, and the I-Praxis Award for outstanding community service.
- Grand Hank designed the curriculum for state representative Chaka Fattah's "Science Learning Lab" Tour Bus.
- Grand Hank co-founded the "Science of Philadelphia" and "Science Lab of Grand Hank" television series in collaboration with the Philadelphia School District. Programs have been on-air for 18 years.
- Grand Hank hosted a science teacher reception for 100 teachers in collaboration with VWR Education.
- Grand Hank has developed relationships and partnerships with Temple University, St. Joseph's University, Drexel University, University of Pennsylvania, and Widener University to help promote STEM.
- Grand Hank traveled to South Africa for a Symposium and STEM Road Show that visited 11 cities, towns and villages. The tour covered 3000 kilometers in two weeks.
- Grand Hank broke the Guinness World Record for facilitating the largest chemistry experiment in the world at the National Science Teachers Association Annual Convention in Indianapolis, IN.
- Grand Hank acquired a 10,000 sf building with the intent of turning it into the Grand Hank STEM Center for Inner City Youth.
- Grand Hank presented and hosted the 100 Black Men of America's STEM-Energy Symposium at the organization's National Convention in New Orleans, LA. The event was sponsored by corporate members of the oil and natural gas industry.
- Grand Hank presented during The NAACP ACT-SO STEM/Energy Symposium at the organization's national convention in Orlando, FL. The event was underwritten by several oil and natural gas industry corporations.

## EXHIBIT C - Proof of Performance

### Exhibit A

Anana Kambon, National Director, The NAACP Academic, Cultural, Technological, and Scientific Olympics (ACT-SO) - *ACT-SO STEM/Energy Symposium National Convention in Orlando, FL*  
GHPI consulted, presented live STEM and Energy demonstrations, and served as Emcee for the ACT-SO STEM/Energy Symposium. The goal of the event was to attract high school students interested in STEM and the energy sector and inspire students to move towards college and energy industry career based goals. The event was sponsored by: The American Petroleum Institute (API), Shell, BP, ExxonMobil, Chevron, and General Motors.

### Exhibit B

Dwayne Crawford, Senior Vice President, The 100 Black Man of America  
- *STEM Energy Symposium, National Convention in New Orleans, LA*  
GHPI consulted, presented live STEM and Energy demonstrations, and served as Emcee for the symposium. The symposium was designed to expose middle and high school students to career opportunities in STEM and energy through a series of hands-on exhibits. The event was sponsored by: The American Petroleum Institute (API), Shell, BP, Chevron, and ExxonMobil.

### Exhibit C

Grace Djan, Chairperson, South African Association of Science and Technology Educators (SAASTE) -  
*Symposium and STEM Road Show, Northwest Province, South Africa*  
GHPI Consulted SAASTE on how to coordinate the STEM Road Show and provided teacher professional development and student hands-on STEM events. The STEM Road Show covered 3000 kilometers across 11 cities, towns, and villages over the course of 2 weeks.

### Exhibit D

Donna Runner, Deputy Superintendent, School District of Philadelphia  
- *An Evening of STEM With Grand Hank, Education Center, Philadelphia, PA*  
GHPI researched, developed and implemented a family based event "Evening of STEM with Grand Hank" in which over 600 families were in attendance. The event was comprised of students, parents and District administrators and was sponsored by the District's Office of Curriculum and Instruction and the Parent Resource Network.

### Exhibit E

Kim Cherry, Director of Professional Development, National Science Teachers Association (NSTA) -  
*"Science Rock's" Event at National Conference in, Indianapolis, IN*  
GHPI consulted, researched and co-developed the program format. Grand Hank served as the lead teacher-presenter to an audience of more than 800 conference attendees and successfully broke the *Guinness World Record* for conducting the largest chemistry lesson in history. GHPI also hosted a series of teacher professional development workshops around STEM at the conference.

### Exhibit F

Sharlene Robeson, Project Manager, Educational Advancement Alliance  
- *Chaka Fattah Science Learning Lab Tour Bus, Philadelphia, PA*  
GHPI researched, developed and implemented the curriculum for the launching of the state-of-the-art science tour bus spearheaded by PA State Representative Chaka Fattah. The bus was a 5-year, 5-million dollar project funded by NASA and private funding.

## EXHIBIT C - Proof of Performance (Cont'd)

### Exhibit G

Rachel Cherry & Ambra Hook, Project Managers Office of Curriculum and Instruction, School District of Philadelphia - *District-wide Science Fair Professional Development Workshop Series, Philadelphia, PA*

GHPI was commissioned by the Office Curriculum and Instruction to research, develop and implement teacher professional development on "How To Successfully Complete Science Fair Projects" across the entire District. The goal was to increase participation of students researching, developing and presenting science fair projects.

### Exhibit H

PSTV Network, School District of Philadelphia - *Grand Hank Television Series, "Science of Philadelphia" and "Science Lab of Grand Hank"*

Grand Hank is the founder and host of these two dynamic television series which target middle and high school students. GHPI and the Philadelphia School District have produced more than 150 episodes of each series. The series is still broadcast weekly in select markets.

### Exhibit I

Grand Hank STEM Education Center for Inner City Youth, Philadelphia, PA

The center will serve 4 main 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 live science events that bring together families and reunite the communities at-large and; Provide full-time and part-time employment opportunities for members of the community, as well as internships for students at the surrounding educational institutions.

## EXHIBIT D - Links to videos and representative event photos featuring Grand Hank

Video Links: Click of each of the links below to view the event highlights

- *Grand Hank Presents at the 27<sup>th</sup> Annual 100 Black Men of America, Inc. National Conference in New Orleans, LA: STEM-Energy Symposium*  
<http://youtu.be/0-hmO3dODsc>
- *Grand Hank Presents at the 104th NAACP National Convention in Orlando, Florida: ACT-SO STEM-Energy Symposium*  
[http://youtu.be/C\\_dTJHwz\\_-0](http://youtu.be/C_dTJHwz_-0)
- *Grand Hank Breaks Guinness World Record at NSTA National Conference in Indianapolis, IN: "Science Rocks" Event*  
Part 1: <http://youtu.be/BxK-6wvllc>  
Part 2: <http://youtu.be/wQkOXejYSIY>
- *Grand Hank Live on Clear Channel Radio Power 99 FM with the Hot Boyz*  
<http://youtu.be/XCQLONr9KCs>
- *Grand Hank Overall Touring Gallery*  
[http://youtu.be/VGK\\_PTTsAnc](http://youtu.be/VGK_PTTsAnc)
- *Science Lab of Grand Hank Television Series*  
<http://youtu.be/9db7BagOsZ8>

Photo Links: Click the links below to view the event highlights

- *Grand Hank 11 City STEM Road Show and Symposium in South Africa North West Province*  
[http://s924.photobucket.com/user/grandhank1/slideshow/Grand Hank South Africa STEM Road Show 2013](http://s924.photobucket.com/user/grandhank1/slideshow/Grand%20Hank%20South%20Africa%20STEM%20Road%20Show%202013)
- *Grand Hank Material Science Day Drexel and University of Penn Partnership*  
[http://s924.photobucket.com/user/grandhank1/slideshow/Materials Science Day 2012](http://s924.photobucket.com/user/grandhank1/slideshow/Materials%20Science%20Day%202012)
- *Grand Hank Promo Event Highlights*  
[http://s924.photobucket.com/user/grandhank1/slideshow/Grand Hank Promo Event](http://s924.photobucket.com/user/grandhank1/slideshow/Grand%20Hank%20Promo%20Event)
- *Grand Hank YWCA Atlanta, GA*  
[http://s924.photobucket.com/user/grandhank1/slideshow/Grand Hank-YWCA Atlanta 2011](http://s924.photobucket.com/user/grandhank1/slideshow/Grand%20Hank-YWCA%20Atlanta%202011)