

Tyraine Ragsdale
(A.K.A. Grand Hank)
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Philadelphia, Pennsylvania 19119
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PROFESSIONAL OBJECTIVE:

To collaborate with a professional organization, utilizing my theoretical and practical knowledge of science to spark interest in the subject area.

PROFESSIONAL INDUSTRY EXPERIENCE:

DECEMBER 1994 **GRAND HANK PRODUCTIONS INCORPORATED**
TO Philadelphia, Pennsylvania
PRESENT President and CEO
Responsibilities include developing and implementing strategies for business growth, maintenance and operation for company products and services. Build brand name, product loyalty, and revenue streams by targeting television, radio, print and electronic media.

JANUARY 1989 **R.W.J. PHARMACEUTICAL RESEARCH INSTITUTE**
TO Spring House, Pennsylvania
NOVEMBER 1994 Research Associate, Spectroscopy
Established a Preparative Chromatography laboratory. Developed analytical and preparative separation techniques to isolate novel compounds for more than 60 medicinal and developmental chemists. Responsibilities also included strategic planning, concept mapping, budgeting, department equipment purchasing.

AUGUST 1988 **HERCULES INCORPORATED**
TO Wilmington, Delaware
JANUARY 1989 Technical Lab Assistant
Duties entailed plotting computer assisted Carbon-13 and proton NMR spectra utilizing a Varian EM-390 spectrometer and a NT360.wb superconductor fourier transform NMR system. Responsibilities also included preparation of samples and interpretation of spectral data.

CURRICULUM AND PROGRAM DEVELOPMENT:

1994 - PRESENT **SCHOOL DISTRICT OF PHILADELPHIA**
Philadelphia, Pennsylvania
Professional Development Teacher Training
Provide Professional development for K-12 teachers and administrators at the local, regional and District-wide levels. Professional Development topics include, but are not limited to: "How Utilize The Planning and Scheduling Timeline," "How To Conduct A Successful Science Fair Project," "Turning Students onto Science Using Hip-Hop Music and Hands-On Demonstrations," "How to Link African American Scientists and Inventors to the Science Core Curriculum."

2003 - 2004

SCHOOL DISTRICT OF PHILADELPHIA

Philadelphia, Pennsylvania

Curriculum Writer

Participated on the writing team to develop the Core Science Curriculum for grades K-8 for the School District of Philadelphia. Aided in the research and development of the Best Practices pages for curriculum which included; performance content descriptors, rationale, concepts, vocabulary, instructional strategies, inquiry and design. Aligned all pages to the PA State Standards.

2004

EDUCATIONAL ADVANCEMENT ALLIANCE

Philadelphia, Pennsylvania

Curriculum Writer

Chaka Fattah Science Learning Lab

Researched and developed the science curriculum for the mobile science lab, which targeted grade 3-5. The project was funded by private donations totaling \$3.5 million dollars.

TELEVISION PROGRAMMING:

1996 – PRESENT

SCIENCE OF PHILADLEPHIA

Philadelphia, Pennsylvania

Writer, Producer and Co-Host

Co-developed the program with the School District of Philadelphia targeting grades 5-8. The program adheres to the Pennsylvania State and National Standards and is utilized as a distance-learning program for on the District's PSTV network for teachers and students. The program is co-hosted by Tyraine Ragsdale and Ambra Hook, Director of Science and Instruction for the District.

1997 – PRESENT

SCIENCE LAB OF GRAND HANK

Philadelphia, Pennsylvania

Writer, Producer and Host

Developed and co-produced by the School District of Philadelphia targeting grades 9-12. The program uses Hip-Hop music as a basis to increase the interest of students in science. The program adheres to the Pennsylvania State and National Standards and is broadcast on Comcast and PSTV networks.

PRESENTATIONS AND KEYNOTE ADDRESSES:

Presenter

National Science Teachers Association (NSTA)

Pennsylvania Science Teachers Association (PSTA)

National Education Association (NEA)

American Chemical Society (ACS)

National Alliance of Black School Educators (NABSE)

Pennsylvania Charter School Coalition (PCCS)

National Organization For The Professional Advancement of
Chemist and Chemical Engineers (NOBCCHE)

John Hopkins Center For Summer Learning

BOOKS WRITTEN AND PUBLICATIONS:

Author

Science of Grand Hank Lab Book of Experiments (Grades 2-8)

Science of Grand Hank Student Lab Journal (Grades 2-8)

Science Lab of Grand Hank Lab Book of Experiments (Grades 9-12)

Science Lab of Grand Hank Student Lab Journal (Grades 9-12)

Grand Hank's Guide to Successfully Building and Presenting Science Fair Projects (Grades 2-12)

Motivation and Goal-Setting (Grades 6-12)

EDUCATION:

UNIVERSITY OF PITTSBURGH

Pittsburgh, Pennsylvania

Bachelors of Science in Chemistry

Minors in Mathematics and Spanish

Graduated April 1988

REFERENCES:

Available upon request.