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**KSTF CELEBRATES DELAWARE VALLEY'S LEADING
TEACHERS DURING NATIONAL SCIENCE TEACHERS
ASSOCIATION'S NATIONAL CONFERENCE IN PHILADELPHIA**

**Local Teachers Showcase Successful Methods to Nationwide Education
Audience at KSTF- Sponsored Franklin Institute Event on March 18**

Moorestown, NJ, February 25, 2010 — The Knowles Science Teaching Foundation (KSTF) Fellows and staff will converge in Philadelphia March 18 – 21 to address the state of science and mathematics education during the National Science Teachers Association (NSTA) National Conference. A national advocate for improving the quality of mathematics and science teaching in United States high schools, KSTF will lead an exchange of ideas and showcase the transformative work of its teaching fellows. Seven of KSTF's 131 Teaching Fellows currently teach throughout the Delaware Valley.

"We are excited to be a part of the discussion on the state of math and science education in a city with such a rich and storied history of learning," said Dr. Angelo Collins, KSTF's Executive Director. "Philadelphia holds a special place in our hearts since we live and work in close proximity to the city. We are proud of our Fellows who are making an impact on its students, schools and communities." KSTF is based in Moorestown, New Jersey.

KSTF teacher leaders in the Philadelphia area are:

- **Rosalind Echols**, physics teacher at the **Science Leadership Academy** in **Philadelphia, Pennsylvania.**
- **Kelsey Johnson**, chemistry and earth science teacher at **George Washington High School** in **Philadelphia, Pennsylvania.**
- **Katie Davenport**, biology teacher at **Central High School** in **Philadelphia, Pennsylvania.**
- **Scott Murphy**, physics teacher at **Mastery Charter School** in **Philadelphia, Pennsylvania.**
- **Alexander Joujan**, mathematics teacher at **Easton Area High School** in **Easton, Pennsylvania.**

- **Lindsay Konell**, mathematics teacher at **William Tennet High School** in **Warminster, Pennsylvania**.
- **Kevin Henson**, physics teacher at **Lenape High School** in **Medford, New Jersey**

Rosalind Echols, physics teacher at Philadelphia's **Science Leadership Academy**, is among the KSTF Teaching Fellows who will present their strides in science teaching before the NSTA education community and during a special reception at the Franklin Institute. Ms. Echols will share her success with Project-Based Learning during a presentation titled, **Newton's Laws and City Transportation: The SEPTA Bus Project**. With SEPTA as the real-life application, students explored historical perspectives on laws of motion, performed experiments inside and outside of the classroom, and participated in activities to understand the underlying physics of a bus ride. For example, students used Newton's Laws to gain a better understanding as to why their bodies lunge forward when the driver hits the breaks.

“My attitude towards teaching has evolved from explaining concepts to helping students explore their natural curiosity and develop meaningful understanding through authentic projects,” said Rosalind Echols. “As a KSTF Teaching Fellow, I’ve been able to collaborate with mentors and other teachers to design ways to engage students while making science relatable to their world.”

A complete list of presentations on the state of the art of high school science teaching given by KSTF Teaching Fellows and staff at the NSTA National Conference can be found on the [KSTF website](#). KSTF supports math and science teachers in 31 states including Pennsylvania through a five-year fellowship valued at \$150,000. The Fellows receive mentoring, professional development, and the opportunity to network with teachers nationwide. KSTF encourages its teachers to be leaders in the school community and in the community-at-large.

About KSTF

The Knowles Science Teaching Foundation (KSTF) was established in 1999 by inventor and entrepreneur C. Harry Knowles and his wife Janet to strengthen the quality of science and mathematics teaching in United States high schools. The Foundation's programs include the KSTF Teaching Fellowships and the KSTF Research Fellowships for doctoral level researchers. For more information, visit www.kstf.org.