

IT'S ALL ABOUT ENERGY!

December, 2008

HCC Northeast Exhibitors:

- Energy Institute
- Fire Science
- Drafting & Design Engineering
- Electronic Engineering
- Natural Sciences Dept.
- Mathematics Department
- Emergency Medical Services



**Northeast
Houston Community College**

IT'S ALL ABOUT ENERGY

The HCC Northeast campus presented a wonderful Math, Science, Engineering, and Technology expo to high schools in the Greater Houston Area on energy. Schools that attended were: Booker T. Washington, Lamar High School, and Kashmere Senior High, which all was awarded an opportunity to meet and listen to local leaders in the field of Energy and Technology. The program opened with a presentation of master of ceremonies. Afterwards there was a welcome and a purpose by Dr. Margaret Ford Fisher, (President HCC Northeast), and an introduction of the keynote speaker, Amy M. Jaffe. The Guest Speakers that attended were Gene Norman, Meteorologist KHOU- Channel 11 and Amy Myers Jaffe, Associate Director (Rice Baker Institute Energy Program). Norman gave a magnificent lecture on how learning about energy during his years of study played a major role in his life and in his field of work. Gene Norman has 20 years of meteorology experience at NASA and is on television currently with the weather team at KHOU-11. He spoke of his educational background as well at the program. Gene holds a bachelor's degree from the Massachusetts Institute of Technology and a master's degree in Meteorology from the University of Maryland. Amy Jaffe also gave an astonishing speech of encouragement and an extract of information of her prior knowledge of energy and technology. Jaffe focuses were on oil geopolitics, strategic energy policy, and energy economics. The positions Jaffe has held in her field were: the Wallace S. Wilson Fellow

in Energy Studies at Baker Institute, Associate Director for the Rice Energy Program, and senior editor of the Middle East analyst for Petroleum Intelligence. After the keynote speaker, the schools attended breakout sessions. In these sessions the students learned about career opportunities in the energy industry, and participate in interactive breakout sessions; and experience a Renewable Energy Demo Trailer and Solar Utility Vehicle. "This Math, Science, Engineering and Technology expo has been a great help to me!", a student from Kashmere High School

*"Math, Science, Engineering,
and Technology Expo...!"*

explained," Learning that energy is part of everything I do, I have decided that I should devote my time to doing things that deal with energy...",said Cortney Sanders.



(Javier Mora- Lab Technician)

BREAKOUT SESSIONS

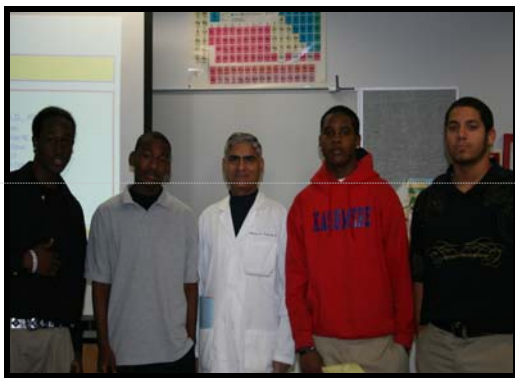
Students were divided in groups by color coded papers. The sessions were very informative and gave great thought to the courses on technology and energy.

There were four sessions for all the students to attend: Green Energy Session, Bio Energy Session Oil and Gas Energy Session, and Energy and Technology Session.

GREEN ENERGY

The students learned about solar, wind, fuel cell technology, and "green" jobs in energy industry. They participated in interactive experiments, discussed careers and learned about programs available at HCC Northeast.

(Zayd F., Jamare B., Dr. Mattal, Steven R., and Terry D.)



BIO ENERGY

The students learned about bio-diesel, recycling, and jobs created through the conversion of waste products into energy. They participated in interactive experiments, discussed career and learned about programs available at HCC Northeast.

ENERGY AND TECHNOLOGY

The students learned how technology will play a role in energy related jobs through drafting and design, computer science, and electronic engineering. They participated in interactive discussions on "Designing for Energy" and "Energy Efficiency for Computers and Electrons."



(Jamare Brown)

LUNCH AND ENERGY DISCUSSION

At the conclusion of the program the students received lunch and an open panel discussion with some of the most respected people in Houston in the industry of energy and technology resources. Kashmere High School showed our Ram pride by having the largest attendance at the Expo. Sponsors, Ms. Walkes, Ms. Morehead- Potts, and Ms. Uwaga showed excellent direction to the students as well and were very interactive in all the actives during the breakout sessions. The Expo was incredibly successful and empowering to all the schools that attended. Prior to leaving, all the students visited exhibitors from other Greater Houston resources of energy and technology. Kudos, to HCC Northeast Campus!



(Courtney S. Raeleasha J. and Treneica L.)