



Project MySmartSolar.edu



Workshop hosted by
Kansas City Power & Light

Workshop developed by
UMKC E-Save through
Automation and Education

Workshop Speakers and
Guests:
Dean Kevin Truman of
UMKC School of
Computing & Engineering

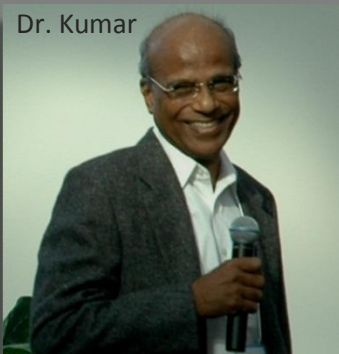
Superintendent Dr. Steve
Green of Kansas City,
Missouri School District

Principal Dennis Walker of
Paseo Academy of Fine and
Performing Arts

E-Save through Automation
and Education Team
Vijay Kumar
Cory Beard
Yugyung Lee
Praveen Rao

KCP&L representatives
Vice Pres. Chuck Caisley
Rita Boyd
Gail Allen

Dr. Kumar



Dr. Lee, Dean Truman, Dr. Rao

November 19, 2012
KCP&L Headquarters
1200 Main St, KCMO

“Have fun, learn,
and become
passionate about
solar.”
- Dean Truman

Solar Energy Workshop

E-Save through Automation and Education of the University of Missouri – Kansas City, Kansas City Power & Light, and Paseo Academy of fine and performing arts joined forces November 19th to focus community awareness on the global energy crisis. KCP&L hosted an alternative energy workshop developed by the UMKC E-Save lab to educate and strengthen the energy knowledge of Paseo High School students. The workshop allowed students to explore renewable alternative energy, solar energy, and discuss its potential impact on our future. Vice President of Marketing and Public Affairs, Chuck Caisley, kicked off the workshop by empowering Paseo students to take perspective and become knowledgeable of the future in solar energy.



Caisley

“You’re going to
shape what our
future country
looks like.”

- Caisley

UMKC School of Engineering, Dean Kevin Truman spoke to students about the growing opportunity in alternative energy and development. Truman emphasized the importance of students taking charge of their education and make use of that education to better the environment. Superintendent Dr. Steve Green, and Principal Walker of Paseo Academy discussed the importance of Paseo Academy in the partnership with UMKC and KCP&L. Paseo students have the potential of bringing a new level of creativity to energy efficiency and awareness projects, providing a new perspective on existing issues.





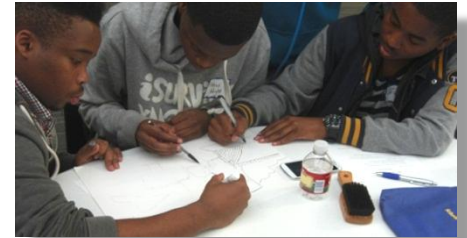
Dr. Green

Throughout the solar energy workshop lectured by Dr. Cory Beard, professor from UMKC, students were led into group discussions on the potential impacts of solar energy. Students discussed the various types and uses of alternative energy and also looked into their own daily energy consumption through household appliances and explored ways to be more energy efficient.



An activity to start students on a creative path toward energy included a poster contest where students created and presented a poster to their peers about what inspires them to learn more about energy. Entries included anything from solar panel powered cell phones and vehicles to a high fashioned solar paneled dress.

Students were presented with energy projects described during the workshop, by Dr. Vijay Kumar, UMKC E-Save team professor. These projects give a select number of students the opportunity to use their creative talent. It is the goal for students to give light and inspiration to these projects and create, as Kumar describes, “beautiful energy.”



The plans for Paseo Academy students are to establish focus groups and with the help of Paseo teachers and the UMKC E-Save lab, complete and present energy inspired projects. Students will have the opportunity to enter these projects in a competition with other Paseo students for an award. Those students will leave these projects with a better understanding of solar and alternative energy and the opportunity to develop leadership abilities through teamwork.



Dr. Beard

“My challenge to you is to make sure your fingerprints are all over this project, so that the carbon footprint that we leave is less and less.”

- Dr. Green

Outside of the select student inspired projects, there is also a Paseo Academy wide logo competition where all students are eligible to participate. This logo competition organized by Dr. Praveen Rao gives students an opportunity to create a logo for MySmartSolar.edu. One logo will be selected to represent MySmartSolar.edu and an award will be presented to its creator. MySmartSolar.edu is looking for the most creative and energy inspired logo that will encourage others to learn more about energy and its efforts.

Visit E-Save through Automation and Education at facebook.com/ESaveUMKC and twitter.com/ESaveUMKC



Katib, Warnke, Das, Blackton, Jaiswal, Rajendran, Konduru