“Energizing” Students

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ESU Outreach Programs
(our History)

Initiatives for young women

- Enhancing Your Future with Mathematics and Science (EYF)
- Sonia Kovalevsky Mathematics Day
- MASTER IT: Mathematics and Science to Explore Careers – Investigating Together
Initiatives for Hispanic Youth

Si Se Puede (9 years)
ESU Summer Scholars (5 years)
Energizing Students (last summer)
Why develop the Energizing Students outreach program?

Objectives of the program as a whole were:

• To increase Hispanic youth’s interest in science and mathematics,

• To foster awareness of career opportunities in mathematics and science-related fields,

• To provide Hispanic youth with an opportunity to meet and form personal contacts with professionals working in mathematics and science-related careers.
A STEM outreach collaboration between:

• Emporia State University – Comprehensive university

• Flint Hills Technical College- technical school with a variety of 2 year STEM programs

Funding from a Diversity and Education grant from Kansas NSF EPSCoR
Motivation

- To reach out to STEM minorities and show a wealth of STEM opportunities
- Faculty to become more knowledgeable about a “sister” institution
Program components

• STEM day on each campus:

ESU April 4:
FHTC May 8:
Wind energy
Energizing Students
(Joint summer STEM Summer camp)

• Mornings at ESU, Afternoons at FHTC
• Field trips
  – Westar Natural Gas Plant
  – Wolf Creek Nuclear Energy Corporation
• “graduation” Ice cream social
Additional Activities
Kinetic energy
Natural Gas Plant field trip
Wolf Creek Nuclear Corporation
Control room
“Graduation”