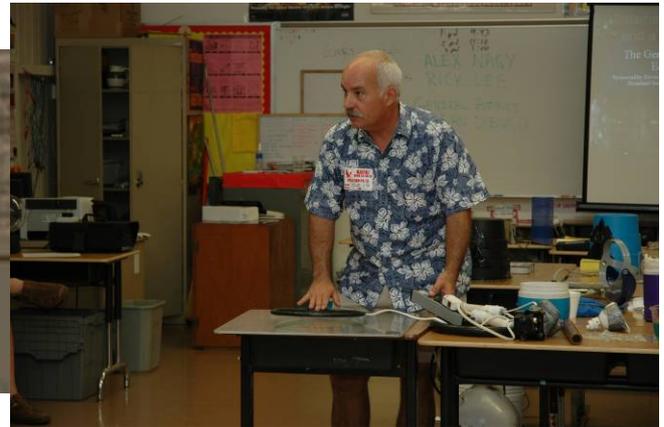


ENVISIONEERING

Talent Force Development Concept **A Department of Homeland Security Initiative**



Presented to:

**The 2nd Annual Department of Homeland Security
University Network Summit**

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by

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- Problem: “Brain Drain”

- Large percentage of technical workers retiring soon
- Intense competition for technical graduates
- Need for “homegrown” talent
 - Security requirements
 - Rural “migration”



- Strategy: “Jazzed” about S&T

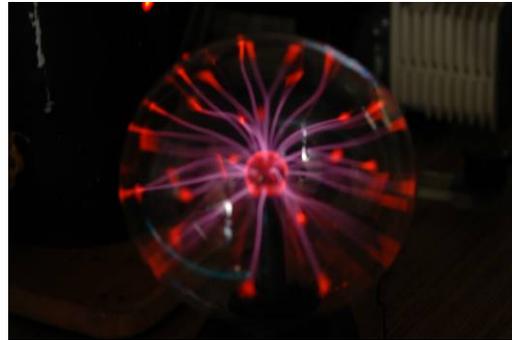
“getting children excited about S&T at an early age”
based on Kauai and Riverside models

- Method #1: Dynamic and Exciting Science Shows (ES & MS)
- Method #2: Technology Workshops (ES & MS)
- Method #3: Scientists in the Classroom (HS)
- Method #4: College Support Programs



- Take Science Show & Workshops to other rural areas
 - Sitka, AK
 - Los Lunas, NM
- Run pilot Scientist in the Classroom program in Kauai
- Develop sustainment strategy and partnerships
- Key takeaways:
 - Create “Mythbusters” or “Mr. Wizard” interest
 - Assist current infrastructure
 - Use people the students can relate to
 - Begin at relatively early ages
 - Get local involvement
 - Teachers
 - Businesses
 - Community organizations
 - Local concerns
 - Build excitement and belief in students that they can pursue careers in S&T





Questions & Discussion

