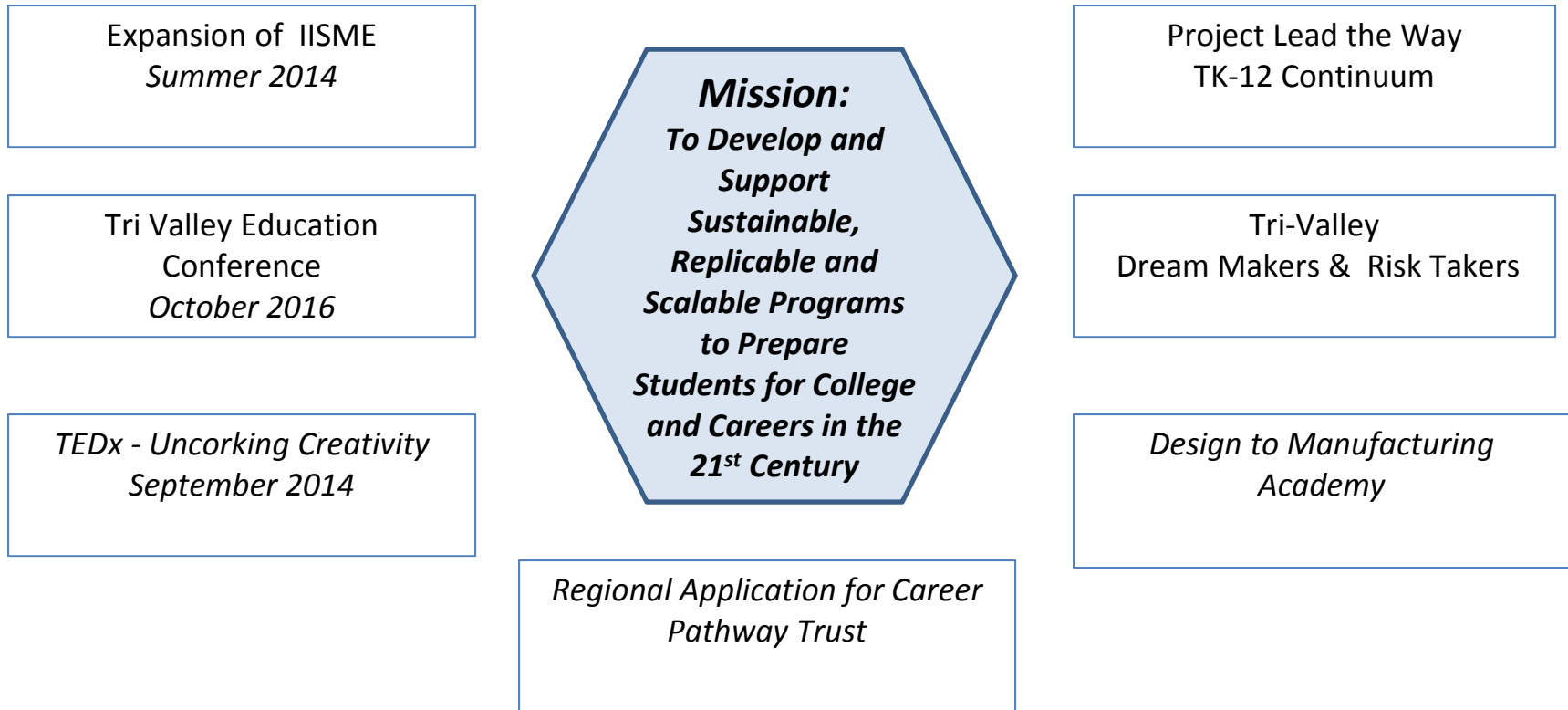


## **ITV Education Committee**

### **Seamless Engagement Between Business and Education**



### **Regionalism and Advocacy**

## ***Innovation Tri-Valley Education Committee***

### ***Seamless Engagement Between Business and Education***

***Mission:*** *Developing and Support Sustainable, Replicable and Scalable Programs to Prepare Students for College and Careers in the 21<sup>st</sup> Century*

**Regionalism and Advocacy:** Innovation Tri-Valley Education Committee includes leaders from education, business and political offices all working together to advocate and create strong regional programs to prepare students for a 21<sup>st</sup> Century workforce.

- **IISME- IISME** (Industry Initiatives for Science and Math Education) places teacher fellows at participating business to gain hands-on experience in the practical applications of the subject they teach in order to better prepare the future workforce.
- **K-12 Project Lead the Way Continuum:** The four Tri-Valley school districts have a strong focus on science, technology, engineering and mathematics through Project Lead the Way in middle and high school. Expanding the program to begin in elementary school creates a pipeline of interested students as students enter middle and high school. This is a project in its infancy with two teachers from each school district piloting Project Lead the Way Launch.
- **Tri-Valley Education Conference:** Plan a regional business and education conference featuring best practices in education and roundtable discussions with industry partners.
- **Dream Makers and Risk Takers:** Highlighting student innovation and creativity in the Tri-Valley at the Dream Makers and Risk Takers award ceremony.
- **Design to Manufacturing Academy:** A program developed at Sandia to introduce high school students to the advanced manufacturing process. Students start with the initial concept design then manufacture a part and then test to failure.
- **TEDx : “Uncorking Creativity”** , the upcoming TEDx is planned for September 2015. The goal is to live-stream at the Bankhead Theater with four satellite sites throughout the Tri-Valley school districts.
- **Career Pathway Trust:** In order to further increase regional career pathways, the Tri-Valley school districts in partnership with Las Positas Community College plan to apply for the Career Pathways Trust.

## ***Seamless Engagement Between Business and Education***

***Mission:*** *Developing and Support Sustainable, Replicable and Scalable Programs to Prepare Students for College and Careers in the 21<sup>st</sup> Century*

**Regionalism and Advocacy:** Innovation Tri-Valley Education Committee includes leaders from education, business and political offices all working together to advocate and create strong regional programs to prepare students for a 21<sup>st</sup> Century workforce.

### **Initiatives**

- **K-12 Project Lead the Way Continuum:** The four Tri-Valley school districts have a strong focus on science, technology, engineering and mathematics through Project Lead the Way in middle and high school. Expanding the program to begin in elementary school creates a pipeline of interested students as students enter middle and high school. This is a project in its infancy with two teachers from each school district piloting Project Lead the Way Launch.
- **Design to Manufacturing Academy:** A program developed at Sandia to introduce high school students to the advanced manufacturing process. Students start with the initial concept design then manufacture a part and then test to failure.
- **TEDx : “Uncorking Creativity”** , the upcoming TEDx is planned for September 2015. The goal is to live-stream at the Bankhead Theater with four satellite sites throughout the Tri-Valley school districts.
- **Career Pathway Trust:** In order to further increase regional career pathways, the Tri-Valley school districts in partnership with Las Positas Community College have jointly applied for the Career Pathways Trust.
- **IISME- IISME** (Industry Initiatives for Science and Math Education) places teacher fellows at participating business to gain hands-on experience in the practical applications of the subject they teach in order to better prepare the future workforce.
- **Dream Makers and Risk Takers:** Highlighting student innovation and creativity in the Tri-Valley at the Dream Makers and Risk Takers award ceremony.
- **Future Event: Tri-Valley Education Conference-** a regional business and education conference featuring best practices in education and roundtable discussions with industry partners in 2016.