

Girls Learning About Manufacturing (GLAM) & Boys Learning About Food Science (LAFS)

Because of traditional gender roles, we tend to associate boys with manufacturing careers and girls we associate more with the food industry. But tradition was once again turned on its head a little bit to create a different future full of opportunities for area students, including those at Delta, as CBC, TRIDEC and their partners hosted GLAM (Girls Learning About Manufacturing) and PNNL and ConAgra presented LAFS (Learning About Food Science).

Approximately 100 high school girls participated in GLAM alongside female role models from industry in a team project using their creativity, marketing, and problem-solving skills. In small groups, the girls discovered pathways that led to a variety of manufacturing careers. Their full-day project involved designing shoes from the ground up. They used professional software to design and physically create their shoes before presenting the finished product to a panel of judges at the end of the day. Final projects were displayed at the annual Smartmap Expo held at the TRAC in Pasco.

While the girls were GLAMing, the boys created new food products, explored agricultural science and agronomy with a series of hands-on activities, and role-played food economics through a game invented by Dan Skorski, PNNL. ConAgra co-sponsored the LAFS event, which helps fulfill our goal of broadening the footprint of Delta in the community. Broad-based community support is necessary to sustain Delta High School well into the future.

Ann Wright-Mockler and **Kathy Feaster**, Science and Engineering Education, along with Suzy Merz, Washington State STEM Education Foundation Education Manager led the LAFS project. Other team members for LAFS and GLAM included **Daniel Saunders**, **Dan Skorski**, **Margaret Smoot**, and **Laura Turo**, Energy & Environment Directorate; **Marisela Linares-Mendoza**, **Annette Schutzenhofer** and **Virginia Sliman**, Organizational Development Directorate; and **Peggy Vazquez**, Lab Director's Office.



Captions:

Volunteer Peggy Vasquez, Lab Director's Office, in conversation with Angel Clark at "GLAM," Girls Learning About Manufacturing.



Pedro Salazar, Christopher Merkel, Logan Barnhart, Alec Wagner, Brandon Lange (l to r): developing a new food product at LAFS (Learning About Food Science) through a game invented by PNNL scientist Dan Skorski.