SHINE acts as a regional hub to promote awareness of the principles of nanoscience among the public, middle and high school students, and STEM educators, while expanding the diversity and number of trained nanotechnicians entering the local workforce and/or transferring to pursue Nanotechnology education at four-year institutions.

How are we accomplishing this?

We believe that by introducing a diverse population of middle and high school students to a wide variety of Nanotechnology-related topics through inquiry-based demonstrations, and following up with consistent support and engagement activities for students who enroll in our program, we will be able to entice students of any age, gender, or race, and those with wide-ranging academic and professional goals to further their education in Nanotechnology.

Enticement Activities to "hook" future Nanotechnicians:

- NanoDemos - let us come to your classroom or after school program to introduce your

students to nanotechnology!

- Single session or multi-session activities possible
- Demos designed to be tied into WA state EALRs

- NanoDays
- Come visit us at KidsQuest Children's Museum in Bellevue, March 27th - April 11th
- Learn more about NSF NanoDays

- Train the NanoTrainer Workshops
- 3-day summer workshop for HS and CC educators interested in bringing nanotechnology into their classrooms
- Stay tuned for application information!

Engagement Activities to give current students the best preparation for the field:

- All students receiving an AAS-T degree in Nanotechnology or Certificate in Nanotechnology will be required to complete two quarters of internship either at a nanotechnology company or in an academic lab.
- Student NanoAmbassador Program (SNAP)
- Student Mentor Program
- NanoLunches speaker series
- Tours
- Internships