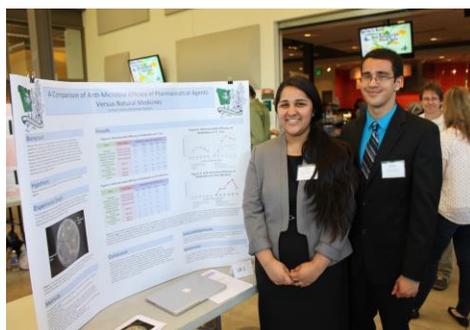


The NWABR Student Bio Expo

The NWABR Student Bio Expo is an award-winning program that engages high school students in creative ways to demonstrate their knowledge and skills within the disciplines of biomedicine, biotechnology and bioethics. The Bio Expo supports the teaching and learning of Science, Technology, Engineering, Arts and Math. The Bio Expo is now in its 17th year and has reached over 4,000 students. The Bio Expo is a very good demonstration for the New National Science Standards. It engages students in Personalized Student Learning allowing for the learning of deep relevant science concepts with rigorous reading, writing and the defense of the students' ideas.

Each year students participate in the Bio Expo through 14 different categories: 2D and 3D art, career pathways, creative writing, drama/dance, First People's wisdom, journalism, music, laboratory research, molecular modeling, multimedia, music, teaching, SMART team (Students Modeling Advanced Research Techniques (3D printing)) and websites. The Bio Expo allows teachers, students, scientists and the general public to work together as a professional learning community. Students choose a project and work together with their teachers and professional scientist mentors to prepare for the Bio Expo. At the Bio Expo student projects are judged by scientists and awards are given in each of 14 Expo categories. The Student Bio Expo *Cup of Excellence* is awarded to the school that most embodies the spirit of the event. See [youtube.com/user/nwabr](https://www.youtube.com/user/nwabr) for an overview of the Bio Expo, plus featured interviews with students, mentors and judges. In 2016 we had 383 students participate from 25 high schools, paired with 180 mentors and 55 judges.

We know from our program evaluations that the Bio Expo has impacted student lives and has been successful in engaging students to pursue careers in the life sciences. One such student was 10th grader, Kattriona Guthrie-Honea, who won first place in Molecular Modeling. The following year, she went on to co-found Hive Bio, a DIY citizen science community lab in Seattle. Kattriona attributes the NWABR Bio Expo and the interactions with her mentor as helping to develop a passion for science. NWABR partners with the scientific and local community to provide the program with volunteer judges, mentors as well as direct sponsorships to help sustain Bio Expo budget needs. Below are photos from the Bio Expo and the winners from the 2016 Expo can be found on our NWABR Expo page: <https://www.nwabr.org/bioexpo>



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Thank you to our 2016 NWABR Bio Expo sponsors: ZymoGenetics, Biddle Consulting and Shoreline Community College.