LAKSHMI AGARWAL

**Objective**

I am a current high school student with a deep interest in research and the natural sciences. I have participated in Science Olympiad since the sixth grade and can bring a useful perspective to the organization and help to increase student participation within the county. As a peer tutor in Physics and Chemistry, I also enjoy helping students.

**Science Research** Bellevue, WA

***Independent Researcher*** Jun 2022 – present

* Independent science research at the intersection of physics, chemistry, and environmental science. I recently presented my project at the Washington State Science and Engineering Fair 2023. My project is currently under review for publication.
  + *Recognition*: 1st Place, Washington State Science and Engineering Fair 2023; Regional Stockholm Junior Water Prize Award
* My project was selected for the Spring Research Colloquium at my online school where I presented my research to the entire school, and discussed my research, methodology and its applications with the Science Department.
* My research has measurable impact on our water cycle weather systems, and I hope to spread awareness of this phenomenon while researching solutions in subsequent phases of the project.

**Community Volunteer** Jun 2022 - present

* *Volunteer – EarthCorps*: For my 15th birthday, I organized a large group of friends, and we helped our local chapter of EarthCorps plant 1000 native trees in an urban forest in Bellevue.
* *Camp Counselor – IslandWood, Brightwater campus*: I helped the camp director for two weeks over the summer with grades 5-6. I assisted the campers with their activities while engaging with campers on topics of pollution, contamination, and remediation techniques.
* *Camp Counselor* *– Math Camp (for exceptionally talented math students, ages 7-12)*: I held office hours every afternoon to help the campers with their math homework. I also led activities and sessions such as trivia and math puzzles.
* *Fund raising* – I raised over $7000 for the Greenpeace Fund through read-a-thons, book donation drives, and birthday donations.

**Science Achievements, honors, and Special Programs**

***Science Olympiad:*** *Scrambler (3rd place Regionals), Dynamic Planet (3rd place Regionals), Green generation: #1 state (2022); Crave the wave: #4 state (2022); Write It Cad It: #5 state (2022); Circuit Lab: #6 state (2021); Dynamic Planet: #6 state (2021)*

*Elastic launched glider (2019), Water Quality (2019), Circuit Lab (2019), Anatomy & Physiology (2019)*

***MySO:*** *Green Generation, #24 National Rank (2022)*

**Selective Programs:** *USESO Junior Summer Camp (2021), CTY John Hopkins Summer Writing course - Where Science Meets Art (2020)*

Education

**Interlake Senior High School, GPA: 4.0** Bellevue, WA

***Diploma, Advanced Learning Program (top 2% of students in Bellevue School District)*** expectedJune 2026

* Science Olympiad Competition Team, Science Club
* F=MA, USESO Local Exam, USNCO Local Exam

**Online Learning (Various)**Bellevue, WA

***Part-time student***

* Peer Tutor (Physics), Chemistry Olympiad Club, Competitive Physics Club, Astronomy Club
* Relevant Classes: AP Chemistry; AP Calculus AB; Honors Physics 1; Honors Physics 2; Honors Pre-Calculus; Honors Algebra 2, Honors Geometry

**Community College, GPA: 4.0**Seattle, WA

***Summer School,***  August 2022

* Relevant Classes: Honors Chemistry

**Odle Middle School, GPA: 4.0** Bellevue, WA

***Diploma, Advanced Learning Program (top 2% of students in Bellevue School District)*** June 2022

* Presidential Award for Educational Excellence by the US Secretary of Education
* Science Olympiad Competition Team, You Be the Chemist