**Annabelle Kotler**

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**EDUCATION**

* **Eastlake High School (Grades 9 – 12)**
* **Graduation: June 2025**
* **GPA: 4.0 (unweighted)**
* **AP Classes: AP Computer Science Principles, AP World History, AP Environmental Science, AP English Language and Composition, AP Calculus AB, AP Chemistry, AP Calculus BC, AP Biology**

**HONORS/AWARDS**

* National Honor Society (10th, 11th, and 12th)
* National Science Honor Society (10th, 11th, and 12th)
* National Spanish Honor Society (11th and 12th)
* Eastlake High School Science Student of the Month (10th)
* Eastlake High School Wolf of the Month for Community Service (11th)

**ATHLETIC EXPERIENCE**

* Competitive Equestrian
	+ 20 + hours practice time per week, 6 days per week since early grade school
	+ 17 + United States Equestrian Federation (USEF) competitions annually
* 2023 USHJA National Jumping Seat Final Winner (11th)
* 2024 USEF Junior Hunter Finals Grand Champion (12th)
* 2nd place Maclay Regionals (11th)
* 6th place USEF National Gladstone Cup (12th)
* 5th place National Ronnie Mutch Equitation Championships (10th)
* 4th place CPHA (California Professional Horseman’s Association) Foundation Finals 21&U (11th)
* 7th place USEF National Gladstone Cup (11th)
* 4th place CPHA Junior Hunt Seat Medal Final (11th)
* 10th place National Ronnie Mutch Equitation Championships (11th)
* 2024 Zone 9 Equitation Championship Winner (12th)
* 2022 USEF National Junior Hunter Finals – Winner of jumping phase, 6th place overall (10th)
* 2022 USHJA (United States Hunter Jumper Association) National Hunter Derby – Winner (9th)
* USEF Zone 9 Champion (9th, 10th, and 11th)
* Multiple Year-End State Champion (9th, 10th, and 11th)

**RESEARCH**

* University of Washington Neonatal Division **–** intern (9th, 10th, and 11th)
	+ Student research assistant for multiple division research projects and papers
	+ 10 hours a week including individual research activities, research lab meetings, supporting senior researcher projects and papers
	+ Developed research proposal and carried out research project on healthcare accessibility in a population of families with pre-term infants leading to presentations and publications
* Publications and Presentations:
	+ Published paper, Riley, T., Umoren, R., Kotler, A, et al. (2024). Disparities in access to healthcare services in a regional neonatal transport network. *International Journal of Industrial Ergonomics, 99,* [*https://www.sciencedirect.com/science/article/abs/pii/S016981412300118X*](https://www.sciencedirect.com/science/article/abs/pii/S016981412300118X)*.*
	+ Accepted poster and paper for presentation, *Disparities in Access to Healthcare Services in a Regional Neonatal Transport Network*, Pediatric Academic Societies Conference 2023 and University of Washington Patient Safety Learning Lab session (10th) – 3rd author
	+ Published paper, McKissic, D., Riley, T., Billimoria, Z., Mastroianni, R., Kotler, A, et al. (2024). A Description of Medications and Intravenous Fluids Used During Neonatal Transport by a Regional Pediatric Critical Care Team. Air Medical Journal, <https://www.sciencedirect.com/science/article/abs/pii/S1067991X23002997>.
	+ Submitted paper, *Impact of Refresher Training on NRP Performance: A Randomized Control Trial* (11th) – Contributor
	+ Submitted paper, *Assessing the Complexity of Economic Scenarios and Decision-Making Processes for Inter-Facility Neonatal Transport: Cost-Related Literature, Multi-Stakeholder Perspectives, and Options for Improvement* (11th) – Contributor
	+ Submitted Paper, *The Data Burden of Digital Learning* (12th) – 5th author
	+ Submitted Paper, *Assessing the Complexity of Economic Scenarios and Decision-Making Processes for Inter-Facility Neonatal Transport: Cost-Related Literature, Multi-Stakeholder Perspectives, and Options for Improvement* (12th ) – 5th author
* Additional Research Activities:
* Created survey for parents of NICU patients to observe transportation barriers (10th)
* Conducted background research on telemedicine use in medical and mental health settings, authored background sections on telemedicine benefits and challenges and telemedicine outcomes variables

(10th and 11th)

* Prepared diverse data sets for analysis of NICU patient medical data (11th)
* Observed in the NICU – participated in rounds, patient visits, and consults with mothers of premature infants (10th & 11th)
* Created a website for University of Washington Virtual Essential Newborn Care (11th)
* Ferret brain gyrification tracing – animal models for medication impact on premature infant brains (9th)

**EXTRACURRICULAR AND VOLUNTEER ACTIVITIES**

* **Key Club, Officer (Kiwanis Liaison & Vice President)** – (10th, 11th, and 12th)
* Kiwanis Liaison – worked with the community leaders to bring volunteer opportunities throughout
* Vice President – work with officers and President to run meetings, manage opportunities, and communicate with students
* Key Club’s division to our members and to support their community volunteer projects
* Worked with Inglewood Middle School to rebuild and create Builder’s Club, a middle school version of Key Club
* **National Honor Society, Officer** – (10th, 11th, and 12th)
* NHS officer – lead group meetings, work with other officers, design and manage projects for community service
* **The New York Academy for Arts and Sciences: The Junior Academy & 1000 Girls 1000 Futures –** (11th)
* Selected for the Cognitive Classrooms Challenge with a team of 5 members from around the world
* Created a prototype of an adaptive cognitive learning ecosystem with an AI learning companion (chatbot)
* Tested, observed, and collected data on the effectiveness of the chatbot
* **Link Crew, Leader** – (11th and 12th)
* Serve as a mentor for incoming 9th grade students
* Run 9th grade orientation with other Link Crew leaders
* Support 9th graders throughout their first year in high school
* **Washington State Hunter Jumper Association** – Junior Representative (9th, 10th, and 11th)
	+ Organized fundraisers, managed the $15,000 junior scholarship fund, maintained social media accounts, promoted events run by the organization, planned staff lunches, participated in board meetings, assisted with preparation for the annual awards banquet, served on the horse show committee, volunteered at WSHJA events
* **World Champion Hunter Rider Program** – Northwest Regional Coordinator (9th, 10th, and 11th)
	+ Managed a $10,000 budget, procured and prepared prize baskets, organized the end of year awards event
	+ Worked with horse shows to acquire donations

**HOBBIES/INTERESTS**

* Piano – 11 years
* Travel
* Downhill Skiing
* Baking
* Advocacy for women’s education and health