

## Sami Labidi

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### ACADEMIC HISTORY

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**Andover High School, Andover, KS** September 2020-May 2023

- Cumulative unweighted GPA (September 2020-May 2023): 3.922
- 4 Honors, 4 Advanced Placement (AP), 13 Dual Enrollment classes
- Note: will graduate on an accelerated track after three years of high school

**Butler Community College, Andover, KS** August 2020-May 2023

- Cumulative unweighted GPA: 3.93
- Courses of note: Calculus 1 - 3, Differential Equations

**Wichita State University, Wichita, KS** Fall 2022

- Courses of note: Physics for Scientists 1 with University Physics Lab 1

**Test Scores, ACT, AP, ACS** September 2020-May 2023

- ACT: 36 English, 35 Math, 36 Reading, 36 Science
- AP: Biology (5), Calculus BC (5), Chemistry (5), Physics C (5/5), US History (5), English Language and Composition (5)
- ACS General Chemistry 1: 98th Percentile

### RESEARCH EXPERIENCE

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**Kansas State University, Manhattan, KS** June 2022-Present

- Immersion in current research on light scattering with Prof. Chris Sorensen
- Contribute a new theoretical perspective using computational physics
- Attend weekly meetings with Prof. Sorensen et al. to discuss research

### WORK EXPERIENCE

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**Mathnasium, Wichita, KS** September 2023-Present

- Help students of grades 2nd-12th love and learn math
- Give encouragement and build students' confidence
- Strive for pedagogic clarity first and rigor later

### ACTIVITIES

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**USA Physics Olympiad, USAPhO** 2021-2023

- Nationwide physics problem-solving contest
- Solved thousands of problems in contest preparation
- Trained intensively for the International Physics Olympiad (IPhO) as IPhO Alternate (~#6 of 6000 nationwide competitors)

**Volunteer Private Tutoring** 2022-Present

- Helped peers improve grades and standardized test scores
- Taught students to use higher-order thinking for efficient studying

**Scholars' Bowl, Andover High School, Andover, KS** 2020-2023

- Team competition related to answering questions on school subjects
- Led team to fourth place in state as varsity captain in February 2023

## **Lifting**

2020-2023

- Lifted outside of school
- Coached less-experienced lifters
- Developed several personalized weight-training programs

## **AWARDS**

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**International Physics Olympiad Alternate, USAPhO**

June 2023

**Kansas Silver Seal of Biliteracy in French, ACTFL**

April 2023

**Commendation, PSAT/NMSQT**

September 2022

**Academic Letter, Andover High School, Andover, KS**

August 2022