

Edward Jang

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Education

Temple University Philadelphia, PA | College of Science & Technology, Honors College

Bachelor of Arts in Chemistry, Spanish Minor; 3.5 GPA

Expected graduation: May 2024

Research Experience

Temple University Borguet Group (Aug 2022-present)

- Investigate gas adsorption properties of metal-organic frameworks through temperature-programmed desorption mass spectrometry and infrared spectroscopy as part of the porous materials group.

Research Presentation

Intercollegiate Student Chemists Convention (4/15/2023)

- “Using Acetone to Probe Changes in Adsorption Properties of UiO-68-(NH₂)₂ Caused by Water Diffusion”

Student Organizations

Temple Adventist Students for Christ (Fall 2020-present)

- Conduct weekly Bible studies focused on shared reading and discussion. Took on president role in Spring 2023.

Pre-Dental Health Society (Fall 2021-present)

- Attend meetings focused on preparing for dental school and participate in volunteering opportunities which are listed below.

Intramural Basketball (Fall 2022-present)

- Practice and play basketball with team during the fall season.

Temple Repertory Orchestra (Spring 2023-present)

- Rehearse various musical works in the cello section of a student-directed orchestra that emphasizes sight reading.

Volunteer Experience

Temple University Cherry Pantry (Spring 2023-present)

- Help students combat food insecurity by stocking, issuing, and recording food items in the student center.

Newstart SDA Church (July 2020-present)

- Perform music, translate between English and Korean, or lead discussions, etc.

Rocky Run- PDHS (11/13/21, 11/12/22)

- Set up for the event, stowed away runner's items, handed food and medals to finished runners.

Love Run- PDHS (3/26/22, 3/25/23)

- Greeted runners and helped them locate their bibs during registration.

MANNA (4/25/2023)

- Packed bundles of weekly ready meals for Philadelphia residents battling illnesses.

Herb Bassow Memorial Lecture and Workshops (12/7/2022)

- Guided local high school students through chemistry building classrooms where they participated in hands-on educational exercises.

Kensington Outreach (10/15/2022)

- Distributed clothes, food, and hygiene products to unhoused people in Kensington.

Grace Café (10/31/2021)

- Prepared and served free meals to Philadelphia locals in need.

Oral Hygiene Drive- PDHS (12/4/21, 12/6/22)

- Created and delivered oral hygiene kits to parts of Philadelphia.

Healthcare Experiences

CnS Dental Group (Jul 2018, Jan & Jul 2022, May-Jul 2023)

- Shadowed general treatment procedures and gained experience as a dental assistant.

Waterfront Orthodontics (Dec 2021)

- Watched various orthodontic procedures involving braces and Invisalign.

Awards

President's Scholar Award

- Merit-based scholarship that grants full tuition to students selected from all first-year applicants.

2nd Place Award in Physical & Materials Chemistry II (Intercollegiate Student Chemists Convention)

- Award given to student presentations based on judges' scores.