

Noam E Amitay

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Summary:

Third-year Chemistry and Biology student at Ben-Gurion University with a strong interest in academic research, committed to pursuing graduate and PhD studies.

Experienced in laboratory research, with a focus on nanoparticle synthesis and characterization. Skilled in a range of analytical techniques

Education:

08/2024 – Present: Student Exchange Program at Temple University, College of Science and Technology, Philadelphia, PA

10/2023 – Present: Third-year Chemistry and Biology Major, Ben-Gurion University of the Negev, Beer-Sheva, Israel

- Participant in Ashalim Honors Program.
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Experience:

08/2024-present: Student researcher , [The Borguet Group](#), Temple university, Philadelphia.

- Conducted research on the afterglow properties of NiO nanoparticles.
- Utilized UV-Vis-NIR spectroscopy

04/2024-08/2024: Student researcher , [THE BAR SADAN RESEARCH GROUP](#), BGU, Beer-Sheva.

- Synthesized and characterized CuP nanoparticles for catalytic applications.
- Applied techniques including inorganic synthesis, TEM, XRD analysis, XPS analysis, and UV-Vis spectroscopy.

04/2024-07/2024: Research assistance, [The Igbaria Lab](#), BGU, Beer-Sheva

- Performed protein analysis using Western blot and SDS-PAGE.
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Volunteer work:

- Hadasim Youth Village – Guided and mentored teenage girls from challenging backgrounds.
 - Women's Self-Defense Class – Organized a free self-defense class to empower women and enhance their confidence.
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Skills:

- Inorganic Synthesis.
- XRD analysis, XPS analysis, TEM, UV-Vis
- Catalysis
- Western blot, SDS-PAGE

Languages:

- Hebrew – Fluent
- English – B2
- Spanish – B1

Hobbies:

Yoga, Baking, Hiking, Salsa Dancing, Jewelry Crafting

