

Noor Albarbari

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EDUCATION:

King Abdullah University of Science and Technology, Saudi Arabia (KAUST)

MS degree program in Chemical Science

Indiana University - Purdue University Indianapolis (IUPUI)

(Purdue School of Science)

Bachelor of Science in Chemistry, ACS Certificate

- **Mathematic Minor**

Graduation: May 2020

Indianapolis, Indiana

EXPERIENCE:

IUPUI Department of Chemistry, research for undergraduate, Indianapolis IN

January 2018-May 2020

Student

- Work in Dr. Rajesh Sardar Lab.
- Customize advanced Nano-sensor substrates
- Evaporative Self-Assembly Of Gold Triangular Nano-Prisms for Ultrasensitive SERS Based Drug Screening.
- Teach and train students who join the lab.

IUPUI Department of Chemistry, research for undergraduate, Indianapolis IN

August 2018

Student

- Worked in Dr. Christoph Nauman lab.
- Designed and characterized biomembrane-mimicking supramolecular architectures.

IUPUI Department of Chemistry and Lilly Research Laboratories, Indianapolis IN

March 2018

Student

- Conducted research in Distributed Drug Discovery Laboratory D3-8.
- Utilized the Solid Phase Combinatorial Synthesis of Unnatural Dipeptides.

ELS, Indianapolis IN

May 2014

Student

- Research about music therapy for children in need

SKILLS\ TECHNIQUES:

- **Experienced in Analytical laboratory:**

- Gold nanoparticles reaction.
- Self-assembly
- Silicone-waver cleaning (piranha)
- Glass ware Cleaning

- **Skilled in identifying and analyzing by using:**

- HNMR.
- GC, mass spectrums.
- Ramon spectroscopy.
- UV-spectroscopy.
- HPLC.

- **Experienced in organic laboratory:**

- Extraction.
- Evaporation.
- Steam Distillation.
- Colum Chromatography.
- Separating organic Compounds.

CAMPUS INVOLVMENTS\VOLUNTEERING:

Helping refugees, Indianapolis, IN

September 2016–May 2020

Volunteer

- Help carrying and organizing boxes
- Collect donations

Saudi Student Club, Indianapolis, IN

August 2015 - May 2020

Member

- Support Saudi students in Indiana involving with American culture

- Help Saudi students through their semesters
- Involve with many activities about Saudi culture in IUPUI campus

Food bank pantry, Indianapolis, IN

September 2016

Volunteer

- Helped carrying and organizing boxes

AWARDS & CERTIFICATES:

SACM Saudi Arabia Cultural Mission Scholar, Saudi Arabia.

August 2014- 2020

- Financial guarantee to study abroad for student who have GPA in high school and pass two after school tests.

King Abdullah University of Science and Technology Scholar, Saudi Arabia (KAUST).

August 2020-Present

- *MS degree program in Chemical Science*

IUPUI Laboratory Safety Training Certificate.

September 2018

American Society's Certificate.

January 2021

HONORS:

Dean's Honor list IUPUI School of science.

5/9 Semesters

- Full time undergraduate student earning 3.5 + semester GPA

Scholar's Honor list IUPUI School of science.

4/9 Semesters

- Full time undergraduate student earning 3.75 + Semester and Cumulative GPA