

# Ritika Bhadouriya

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## EDUCATION

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### Indiana University Bloomington

Aug. 2019 – May 2023

Major: Biology B.S.

- GPA: 3.89; MCAT: 521 – 98<sup>th</sup> Percentile

## HEALTHCARE EXPERIENCES

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### Patient Care Assistant – IU Health Bloomington Hospital

Feb. 2021 - May 2022

Bloomington, IN

- Worked as a part-time Patient Care Assistant (PCA) in the Behavioral Health Department.
- Responsibilities: (included but were not limited to) assisting patients with personal hygiene, preparing and serving food and drinks, listening to patients' concerns and being vigilant about changes in mood, behavior and demeanor, blood draws and sugars, patient charting, deescalating tense situations, transporting patients, working with law enforcement, and providing patients with comfort and companionship.

### Clinical Shadowing

Jan. 2021 – April 2022

Indianapolis, IN; Bloomington, IN

- Shadowed physicians in Oncology, Emergency Medicine, Cardiology, and Hospital Medicine in-person. Total hours: 74
- Additionally shadowed virtually (due to COVID) in Ophthalmology, Psychiatry, Dermatology, Spine Surgery, Orthopedics, Pulmonary Critical Care, Culinary Medicine, Obesity Medicine, Plastic Surgery, and Physical Medicine and Rehabilitation. Total hours: 14

### IU Health Bloomington Hospital Med Arts Vaccination Clinic Volunteer

Jan. 2021 - May 2021

Bloomington, IN

- Through undergraduate volunteerism class joint with the IU School of Medicine, volunteered at the IU Health Hospital Med Arts COVID Vaccination clinic upon the first launch of the COVID vaccine.
- Responsibilities: documenting patients' medical histories, patient registration, facilitating patient flow through the clinic, and comforting patients.

### IU Health Hospital Volunteer

Aug. 2019 - March 2020

Bloomington, IN

- Worked as a hospital volunteer at the front desk of IU Health Bloomington Hospital.
- Responsibilities: greeting and transporting patients, delivering patient meals, cleaning, organizing, assembling patient belonging bags, and making patient beds.

### Indiana School of Phlebotomy Accelerated Phlebotomy Course

Summer 2020

Indianapolis, IN

- Completed lab and lecture phlebotomy class through ISP. Learned proper blood draw etiquette, blood components, medical lab terminology, HIPAA protocol, and practiced venipuncture and capillary puncture.

## LEADERSHIP AND EXTRA-CURRICULAR ACTIVITIES

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### American Medical Women's Association (AMWA)

Aug. 2019 – May 2022

President, National Liaison; Bloomington, IN

- Leadership: Professional Development Committee Member (2019-2020); Board Events Director (2020-2021); Co-President and National Liaison (2021-2022)
- Leadership Responsibilities: Presented at biweekly meetings about clinical opportunities, scientific news and medical advancements, and drivers of inequities in healthcare. Also worked with my board to organize blood drives, resume and interview workshops; maintained good standing with national level directors; organized volunteer opportunities within the community; and held social events for members in the club.

## **Shalom House (Beacon) Volunteer**

Nov. 2020 – May 2021

*Bloomington, IN*

- Worked as a regular volunteer at the Shalom Community Center, helping those living in poverty and experiencing homelessness.
- Responsibilities: Worked in kitchen helping staff make and serve food. Also worked at front desk, mediating conversations with those seeking help, providing them with clothes and hygiene supplies, and following referral protocols.

## **Middle Way House Domestic Violence Shelter Volunteer**

Jan. 2020 – Current

*STEM Program Founder; Bloomington, IN*

- Worked as a regular volunteer in the Youth program, working with children of domestic abuse survivors. Responsibilities: tutoring, playing games, resolving conflicts, listening to their concerns, and serving as a consistent source of warmth and support.
- Additionally volunteered at RISE (transitional housing for survivors) front desk. Helped organize documents, answer phone calls, screen guests, and engaged in positive conversations with families at the shelter.
- In August of 2020, I started a STEM program within the Youth Program. I developed weekly curricula and activities for children centered around science and STEM careers. Taught them how to use microscopes, make their own slides, point out various parts of a cell, DNA and RNA, and more.

## **Chemistry Tutor**

Oct. 2021 – Current

*Bloomington, IN*

- Regular tutor for students in general, organic, and biochemistry, helping explain and clarify concepts, walk through practice problems, ask follow-up questions, and guide learning.

## **Premier Hospice Bereavement Program Volunteer**

Sept. 2020 – Dec. 2020

*Bloomington, IN*

- Volunteered with the bereavement program at Premier hospice, helping ease anticipatory anxiety of those with near death loved ones and bringing comfort to those grieving loss through letter writing and mailing during the pandemic.

## **Women In STEM Living Learning Community Floor Leader**

Aug. 2019 – May 2021

*Bloomington, IN*

- Member of the WSTEM LLC for first two years of college, selected from large pool of applicants to be floor leader during my second year.
- Floor Leader Responsibilities: Attend to daily needs of other students in LLC, organize events surrounding women's health and challenges in the workplace, serve as a mentor to underclassmen, answer content and scheduling questions about classes, and maintain a positive environment in the LLC.

## **Project Sunshine Volunteer**

Oct. 2020 – Feb. 2021

*Indianapolis, IN; Bloomington, IN*

- Played covers of popular music on the piano at virtual recitals for pediatric patients.

## **RESEARCH**

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### **2017 – Dr. Christoph Naumann's Lab IUPUI—Indianapolis, IN**

- Research Project: Design of Cell Surface-Mimicking Materials as Advanced Cell Substrates

### **2018 – Dr. Federica Brandizzi's Lab, Michigan State University—East Lansing, MI**

- Research Project: Expression of bzip12 Protein in E. Coli

### **2019-2022 – Dr. Claire E. Walczak's Lab, Indiana University School of Medicine—Bloomington, IN**

- Research Project: Examination of functional impacts of mutations in kinesin-related HSET protein

## **AWARDS/HONORS**

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### **Indiana University Wells Scholar**

- Selected as part of a competitive 18 student cohort awarded a prestigious scholarship covering full cost of attendance at Indiana University, including a year of study abroad.

**IU Deans List Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring**

**2022, Fall 2023**

**Hutton Honors Student**

**Indiana University Provost Scholarship Recipient**