

Louise Saraspe
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EDUCATION

Franklin High School (Franklin, Wisconsin): 2012 - 2016

- Salutatorian, Class of 2016

University of Wisconsin-Madison (Madison, Wisconsin): 2016 - present

- Undergraduate Class of 2020, pursuing BS in Molecular Biology

RESEARCH EXPERIENCE

2017- Present

- **Research Assistant**, University of Wisconsin-Madison. Undergraduate student working under Dr. Krishanu Saha in a project focusing on the development of scalable *in vitro* assays for CAR T cell interaction with solid cancer tumors.
 - Molecular cloning
 - PCR amplification
 - Gel electrophoresis
 - Bacterial transformation
 - Plasmid isolation
 - T cell transfection (Lonza 4D-Nucleofector)
 - Primary cancer cell and T cell culture
 - Human blood T cell extraction
 - DNA extraction

AWARDS

2018 John Emory Morris UWCCC Summer Undergraduate Research Fellowship Winner

LEADERSHIP AND VOLUNTEERING

2018 UW-Madison Representative for CMaT Engineering Research Center Student
 Leadership Council

2014 – 2016 Volunteer at Wheaton Franciscan Healthcare/ Midwest Orthopedic Specialty Hospital

RELEVANT COURSES

Undergraduate: Biology; Chemistry; Biochemistry; Genetics; Organic Chemistry; Regenerative
 Medicine Ethics in Society; Statistics; Calculus I