

# Justin Levine

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## Education

**University of Michigan, College of Engineering**

**Ann Arbor, MI**

*Bachelor of Science in Biomedical Engineering*

*Expected Graduation Date: December 2024*

- **GPA:** 3.93/4.00
- **Course Highlights:** Biomedical Engineering Design, Biofluid Mechanics, Histology, Biophysical Chemistry and Thermodynamics, Circuits and Systems, Biology Laboratory, Biomaterials
- **Awards/Honors:** University Honors and Dean's List Fall '21, Winter '22, Fall '22, and Winter '23

## Experience

**Loebel Lab, University of Michigan**

**Ann Arbor, MI**

*Undergraduate Researcher*

*January 2023 - Present*

- Conducting research on airway organoids in hydrogel microwells at this biomaterials lab
- Co-first authored a paper submitted to Advanced NanoBioMed Research, currently in revision
- Run experimentation and data analysis on the project

**BlueLab EASE Design Team**

**Ann Arbor, MI**

*President*

*September 2021 - Present*

- Lead a design team partnered with Ann Arbor Public Schools and FNE International to improve accessibility for wheelchair-bound children
- Engaging in research and design with university students of diverse backgrounds, Ann Arbor Public Schools faculty and students, University of Michigan faculty, and FNE International staff

## Leadership

**Camp Daggett**

**Petoskey, MI**

*Camp Area and Activities Director*

*June 2021 - August 2022; August 2023*

- Led staff at a children's sleepaway camp (ages 7-14)
- Led over 30 staff members and 120 children on a weekly basis
- Ran COVID-19 testing program in 2022, testing hundreds of children
- Activities director for Transition Zone, an accessibility-focused additional week of camp for visually impaired children

## Publications

- Eiken, M.K. and Levine, J.E. et al. "Influence of polymer design and cellular composition on early human airway organoid formation in microwell hydrogels," Advanced NanoBioMed Research, *In Revision*

## Skills

- Biomedical and materials science engineering laboratory research experience
- Leadership and managerial experience
- Publication process experience
- Collaboration in group settings
- Data analysis (Fiji, Matlab, Excel)