

Isabella Li

10 Center Drive, Building 10, Room 1C118, Bethesda, MD 20892
isabella.li@nih.gov | 301-435-8713

EDUCATION

- Yale University**, New Haven, CT 2018-2022
- B.S. in Molecular, Cellular & Developmental Biology, B.A. in History of Science, Medicine & Public Health
 - Summa Cum Laude, Phi Beta Kappa

RESEARCH EXPERIENCE

National Institutes of Health (Department of Bioethics) 2022-present
Mentors: Dr. Christine Grady and Dr. Annette Rid

- Conceptually analyze methods to improve clinical trial diversity by empowering underrepresented communities to participate
- Lead interview study of patients and volunteers about ethical challenges at student-run free clinics

Yale University (Program in the History of Science and Medicine), New Haven, CT 2021-2022
Mentor: Dr. Kelly O'Donnell

- Examined ethical debates over clinical trials of AZT to reduce maternal-fetal transmission of HIV, documenting perspectives of the intersectionally marginalized patients who participated as patients

Yale University (Department of Immunobiology), New Haven, CT 2019-2022
Mentor: Dr. Ye Grace Chen

- Spearheaded bioinformatic and wet lab projects involving nanopore RNA sequencing, circular RNAs, and RNA modifications in immunity and breast cancer

PUBLICATIONS

Li, I. & Grady, C. (2023). Integrating Community Perspectives on Inclusion and Protection into IRB Structures. *The American Journal of Bioethics*, 23(6), 94-97.

Li, I. & Chen, Y. G. (2020). Emerging roles of circular RNAs in innate immunity. *Current Opinion in Immunology*, 68, 107-115.

PRESENTATIONS

Li, I., Grady, C., Langford, A., Rid, A. (2023) Ethics of Referral Relationships in Clinical Research Recruitment. Paper presented at the annual conference of the American Society of Bioethics and Humanities, Baltimore, MD.

Li, I., Obi, P., Chen, Y.G. (2021) Nanopore direct RNA sequencing to detect the RNA modification N⁶-methyladenosine. Project presented at Rosenfeld Science Scholars symposium, New Haven, CT.

LEADERSHIP EXPERIENCE

- Editor-in-Chief, *Yale Scientific Magazine*** 2018-2022
- Led staff of ~100 across 5 branches (editorial, production, business, web, outreach) for nation's oldest college science publication, dedicated to making science research engaging for the public
- Co-President, *Negative Space: An Asian American Oral History Project*** 2018-2021
- Interviewed Asian-identifying members of the Yale community, centering their stories to promote a more nuanced, heterogenous understanding of the Asian American experience

COMMUNITY ENGAGEMENT

- Social Services Volunteer, *HAVEN Free Clinic*** 2021-2022
- Screened uninsured patients for socioeconomic barriers to healthcare and designed individualized plans to help them access assistance
- Counselor, *Crisis Text Line*** 2020-present
- Actively listen to, validate, and support people in crises such as abuse, anxiety, and suicidal ideation
- Columnist, *The Yale Politic*** 2020
- Researched, wrote, and edited bi-weekly column covering healthcare injustice

HONORS AND AWARDS

- Elias E. Manuelidis Prize, *Yale Program in the History of Science & Medicine*** 2022
- Outstanding senior essay with a social justice focus
- Edgar J. Boell Prize, *Yale Department of Molecular, Cellular & Developmental Biology*** 2022
- Excellence in senior research
- William R. Belknap Prize, *Yale Department of Molecular, Cellular & Developmental Biology*** 2022
- Academic excellence in biology
- Rosenfeld Science Scholar, *Yale College Deans Office*** 2021
- Funding for students demonstrating "exceptional potential" through past research experience and academic coursework
- Dean's Research Fellowship, *Yale College Deans Office*** 2020
- Funding for independent scientific research
- Scholar, *Regeneron Science Talent Search*** 2018
- Nation's oldest award for promising young researchers
- 4-Time National Medalist, *Scholastic Art and Writing Awards*** 2016-2018
- Awarded for critical essay, personal essay, and short story writing