

# Edna Chiang

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To whom it may concern,

As a Microbiology PhD Candidate and National Science Foundation (NSF) Graduate Research Fellow who aspires to become a science communication professional, I was thrilled to discover the opportunity to become a Science Policy Intern with FASEB. I am confident that I can contribute to advocacy for NSF by applying my training in science communication, bioinformatics, and microbial ecology.

I work collaboratively with an interdisciplinary scientific team for my graduate research, which exposes me to diverse topics ranging from statistics to physiology. To be an effective team member, I have learned to cater communication of my work to different scientists by framing my research in ways that interest my audience. I have also presented my work in over 10 research events at both local and international venues to audiences ranging from interdisciplinary graduate students to the international microbial ecology community.

In addition to understanding multidisciplinary research and communicating my work to diverse scientific audiences, I also regularly communicate my research to non-expert audiences. I am a Wisconsin Idea STEM Fellow who is trained in interactive outreach and communication and strives to promote public support and appreciation of science. I designed and implemented engaging outreach activities teaching hibernation physiology and microbiology to students K-12. Furthermore, I have a Life Sciences Communication Minor and have taken multiple courses to learn strategies to present research in ways that resonate with diverse audiences. This includes understanding communication theories that underly public perception of science topics as well as techniques to evaluate science communication effectiveness.

My skills and experiences in science communication are easily transferrable to science policy. Therefore, I believe I can effectively communicate the importance of NSF to both broad, non-expert adult audiences, as well as congress members and their staff. I look forward to discussing the Science Policy Internship at FASEB and am enthusiastic about contributing to NSF advocacy.

Sincerely,



Edna Chiang