

# LETTER FROM THE EDITOR

It's nearly impossible to go a day without interacting with someone — a roommate, professor, barista, stranger on the train, or creator on the internet. Our lives are woven together through countless small moments, reminders that we aren't just individuals, but parts of a larger whole. These parts are not necessarily symmetrical, and that's the beauty of harmony.

Science mirrors this principle, and no single discipline holds all the answers. A biologist, a chemist, and a physicist will each define "life" differently, but their combined perspectives create a more comprehensive understanding of the world. Some of the most groundbreaking discoveries emerge from this intellectual harmony, forging new fields like physical chemistry and astrobiology.

Just as science thrives on collaboration, so does society. When one group suffers, the effects ripple outward. We see this in our interconnected economy, our political alliances, and our individual capacity for empathy. In times of uncertainty, division can feel inevitable — but progress depends on recognizing what unites us. Lasting solutions will emerge not from opposition but from collaboration, where we listen, find common ground, and build something greater together. In difficult times, returning to shared truths can help steady ourselves. Science is no exception. Communicating science clearly, honestly, and thoughtfully is not just an academic exercise; it's a way to remain grounded, build bridges, and ensure that knowledge continues to benefit everyone.

This issue explores harmony in its many forms. We investigate gravitational waves and extraterrestrial life. We explore the intersection of science and politics amidst a new U.S. administration. We dive into musical harmony, uncovering how the brain interprets music from rock anthems to classic pop earworms. We also examine new bioengineering methods, from engineered blood vessels to 3D-printed organs. And, we look to nature, studying harmony within animal communities and the broader relationship between climate change and our natural world.

For my final issue as editor-in-chief, I want to thank our writers, editors, designers, and photographers for bringing this magazine to life. I am also deeply grateful to our e-board, outreach, social media, and web teams — the supportive threads holding this magazine together. NU Sci has been a home for me, a space where collaboration and curiosity flourish. I hope this issue reflects the beautiful harmony within the scientific community at Northeastern and beyond.



*Dessy Dusichka*

Dessy Dusichka  
Editor-in-Chief

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