

# STAFF

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# EDITOR'S NOTE



Yana Petri



Aarohi Bhargava-Shah

The path to scientific success is often far less linear than the scientific method suggests. Instead, science is frequently driven by emotion, stimulated by creativity and collaboration, and accelerated by conversation and debate. Inherent to these drivers is the diversity of perspective, which allows us to see things in a new light, or in a manner that we might not have previously considered. Approaching scientific concepts from new vantage points, both from within and outside the traditional boundaries of science, gives us remarkable insight into the progress we have made, while pointing us in new directions moving forward.

In this issue, our staff explores how the newest frontiers of research do exactly that. Organoids, for example, promise to elevate traditional 2D tissue-culture to the third dimension, allowing us to predict the *in vivo* effect of new therapeutics more accurately than ever before. Meanwhile, many engineers are innovating in reverse, shifting away from traditional 3D materials and delving into the two-dimensional world of those that are just a single molecular layer thick. Recognizing the importance of examining scientific discourse in the context of its human impact, our writers consider economic and geopolitical perspectives on climate change, deforestation, and mining. Finally, the spirit of lively interdisciplinary debate is also a central theme in this issue, which notably features a cross-discipline panel discussion on drug policy as well as coverage of the annual Genomics of Energy and Environment Meeting hosted by the Department of Energy Joint Genome Institute.

Listening to diverse perspectives is an important component of ongoing innovation, and BSJ itself is no exception. This semester, our staff had the distinct pleasure of hearing from Caroline Kane, professor emeritus and BSJ faculty advisor; Tinsley Davis, executive director of the National Association of Science Writers; and Sara ElShafie, science storytelling pioneer and science communication strategist; each of whom provided a fresh take on the future of science journalism. With new ideas in hand, BSJ is proud to maintain its place as a stalwart of undergraduate science journalism, while continuously evolving in new directions. We are excited to present yet another captivating issue of the *Berkeley Scientific Journal*.

Aarohi Bhargava-Shah  
Managing Editor