



"It's a Colorful World"

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at SUNY Upstate Medical School
SUNY Upstate Medical University Visiting Lecture**



Color fills our visual world and is one of its most striking features. The technology to capture and display color, cameras, TV screens and film, is similarly pervasive and seemingly straightforward. However, the neural and perceptual sciences of color are highly complex and not fully understood. Most people are aware of the notion of red/green/blue pixels, either in a digital camera or screen, being able to display most normal colors, Furthermore, this notion bears some tie to three cone types in our eyes and some relationship to wavelengths of light and colors of the rainbow. Yet the neural mechanisms underlying our color perception are far more intricate and often have little to do with light wavelengths. We will delve into the neuroscience of human color vision to try to make sense of that for which we take for granted.

Sponsored By The YC Department of Chemistry & Biochemistry

Wednesday March 19th, 2025; 12:00 PM

Belfer Hall Room: B807



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