

# Yale Scientific – *The Scope*

Interested in science and writing? Want to explore scientific topics in a creative, personal, and interdisciplinary way? Become a regular contributor to our blog!

An offshoot of the Yale Scientific Magazine, The Scope is an outlet for science writing with a wide range of tone, voice, and form. "The Scope" publishes more creative pieces and encourages more personal reflection than typically seen on the YSM's main website, so feel free to run with any idea you have in the very broad realm of science. Bloggers are responsible for writing at least once a month, or more often, with deadlines that you will work out with your editor. Topics can be ideas you pitch yourselves, but if you ever need help or inspiration, your editor can point you in the right direction. Here are three ideas to start you off!

If you're interested in becoming a new writer, please fill in the Google survey and tell us a bit about yourself. If you would like to claim any of the ideas below, just include that in your survey response.

We look forward to hearing from you! If you've already written for The Scope, no need to fill out this application; we'll be in touch with you soon.

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## **Plugged Into the Internet**

If there is one innovation that has profoundly changed the course of this world within the past thirty years, it would be the development of the Internet. It is no wonder that amongst the Millennial Generation, people born sometime between 1980 and 2000, around 97% of students own a computer and 94% a mobile phone. The platform that enables us to access huge selections of databases and social media sites is still a complete mystery to most who use it, but isn't there a fun and interesting way to explain the nitty gritty of how the innovation that defines our generation operates?

## **From one cell to many: the single mutation for multicellular life**

The development of multicellular organisms from single-celled ancestors is one of the most important events in evolution. Researchers at Oregon State University have discovered a single mutation responsible for converting colonies of individual cells into coordinated and specialized multicellular units. A change in one amino acid of an enzyme allows recruitment of a “spindle-orienting molecular marker,” which enables the mitotic spindles of multiple cells to align. This event, and the subsequent evolution of elaborate cell specialization, is instrumental to our understanding of the narrative of early life.

## **Hack the Brain: Yalies rethink our approach to mental health**

This February 5th and 6th, BulldogHacks is hosting a hackathon to tackle issues of mental health, including anxiety, depression, addiction, learning disabilities, and autism. The event invites the Yale community to ‘pitch’ existing problems, develop solutions in teams, and present their final products to a panel of judges for recognition and prizes. Attend the event, interview participants, and respond with a reportorial piece or a personal reflection. More information about the event can be found at <https://www.facebook.com/events/169440450073298/> , or contact [yuki.hayasi@yale.edu](mailto:yuki.hayasi@yale.edu).