

Dartmouth Undergraduate Journal of Science

Volume 19
Number 3 *Influence: Science in Service to
Society*

Article 9

2017

Note from the Editorial Board

Follow this and additional works at: <https://digitalcommons.dartmouth.edu/dujs>



Part of the [Engineering Commons](#), [Life Sciences Commons](#), [Medicine and Health Sciences Commons](#), [Physical Sciences and Mathematics Commons](#), and the [Social and Behavioral Sciences Commons](#)

Recommended Citation

(2017) "Note from the Editorial Board," *Dartmouth Undergraduate Journal of Science*: Vol. 19: No. 3, Article 9.

Available at: <https://digitalcommons.dartmouth.edu/dujs/vol19/iss3/9>

This Editorial is brought to you for free and open access by the Student-led Journals and Magazines at Dartmouth Digital Commons. It has been accepted for inclusion in Dartmouth Undergraduate Journal of Science by an authorized editor of Dartmouth Digital Commons. For more information, please contact dartmouthdigitalcommons@groups.dartmouth.edu.

Note from the Editorial Board

Dear Readers,

We are proud to bring you another information print issue of the *Dartmouth Undergraduate Journal of Science*. Contained within this issue are a variety of types articles, including exposés of important of scientific phenomena, descriptions of important diseases, reviews of recent scientific research, and an original research article. All of these articles fall under the general topic of *Influence*, a broad theme allowing writers to describe virtually any scientific topic that they deem meaningful to the world at large.

In this issue, Logan Collins follows with an examination of the potential of the human brain and describes the promising Human Brain Project. Following Logan, I investigate the causes and consequences of Lyme disease, an important outdoor hazard for those of us who are fond of the wilderness. Writing in the intersection of Engineering and Medicine, Dylan Cahill explores the exciting technique of telesurgery, elucidating its current obstacles and future directions.

Following telesurgery, Zachary Wang introduces us to the world of placebos, tracing the famous Placebo Effect from its origins to its modern-day ramifications. Then, Sumita Strander leads us into the vibrant field of neurology, where she guides us through a detailed description of Alzheimer's Disease, describing both its molecular mechanism and its wide-ranging implications. Describing a new technique in cancer therapy, Nick Norwitz details how targeting upstream regulators of many angiogenic mediators—instead of targeting the mediators themselves—might allow for more effective anti-angiogenic treatment.

This issue also highlights Professor Gordon Gribble from the Chemistry Department in our faculty interview, in which Professor Gribble traces his progression as a chemist from an early age and explains his research centering around triterpenoids. Lastly, Jase Davis and Kristen Hinckley provide an original research article in which they elucidate how the “Echo Chamber Effect” influences Dartmouth students' news consumption patterns.

This Spring issue represents the culmination of our entire staff's hard work this term. Thank you for reading, and we hope you enjoy.

Sincerely,

Kevin Kang
Editor-In-Chief

The Dartmouth Undergraduate Journal of Science aims to increase scientific awareness within the Dartmouth community by providing an interdisciplinary forum for sharing undergraduate research and enriching scientific knowledge.

EDITORIAL BOARD

Editor-in-Chief: Kevin Kang '18
President: Sam Reed '19
Chief Copy Editor: Anirudh Udutha '18

Managing Editors:

Ali Siddiqui '17, Logan Collins '19, Don Joo '19

Assistant Editors:

Nan Hu '18, Peter Vo '18, Cara van Uden '19

Layout & Design Editor:

Joshua Tseng-Tham '17

Webmaster and Web Development:

Arvind Suresh '19

STAFF WRITERS

Dylan Cahill '18

Krishan Canzius '18

Nan Hu '18

Kevin Kang '18

Saba Nejab '18

Chiemeka Njoku '18

Nicholas Norwitz '18

Chelsea Lim '18

Sumita Strander '18

Peter Vo '18

Kevin Chao '19

Paul Harary '19

Hjungdon Joo '19

Zach Panton '19

Sam Reed '19

Arvind Suresh '19

Cara Van Uden '19

John Buete '20

Sarah LeHan '20

Anders Limstrom '20

James Park '20

Zachary Wang '20

ADVISORY BOARD

Alex Barnett – Mathematics

David Bucci – Neuroscience

Marcelo Gleiser – Physics/Astronomy

David Glueck – Chemistry

Carey Heckman – Philosophy

David Kotz – Computer Science

Richard Kremer – History

William Lotko – Engineering

Jane Quigley – Kresge Physical Sciences Library

Roger Sloboda – Biological Sciences

Leslie Sonder – Earth Sciences

SPECIAL THANKS

Dean of Faculty

Associate Dean of Sciences

Thayer School of Engineering

Office of the Provost

Office of the President

Undergraduate Admissions

R.C. Brayshaw & Company

DUJS
Hinman Box 6225
Dartmouth College
Hanover, NH 03755
(603) 646-8714
<http://dujs.dartmouth.edu>
dujs@dartmouth.edu

Copyright © 2017
The Trustees of Dartmouth College