

## Brian Vuong

- Ph.D. Student in Mechanical Engineering, admitted Autumn 2021
- Masters Student in Mechanical Engineering, admitted Summer 2023

### Publications

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#### PUBLICATIONS

- **Doxycycline preserves chondrocyte viability and function in human and calf articular cartilage ex vivo.** *Physiological reports*  
Yue, L., Vuong, B., Yao, H., Owens, B. D.  
2020; 8 (17): e14571
- **Growth of The Pediatric Knee Meniscus: A Cadaveric Study** *Orthopaedic Journal of Sports Medicine*  
Vuong, B., Segovia, N., Randhawa, S., Trivedi, S., Tran, E., Chen, A., Shea, K.  
2020; 8 (7)
- **Getting there and staying there: supporting and enabling persistent human life on Mars using synthetic natural rubber, self-healing materials, and biological batteries** *PLOS Synthetic Biology*  
Acharya, N., Baker, N., Bravo, M. K., Gu, K., Harken, S., Herschl, M. H., Petersen, A., Pirozzi, I., Spangle, D., Sun, G., Vuong, B., Aversch, N. J., Fujishima, et al  
2018