

Cayley Catherine Bowles

- Ph.D. Student in Epidemiology and Clinical Research, admitted Autumn 2021
- Resident in Cardiothoracic Surgery - Thoracic Surgery

Bio

INSTITUTE AFFILIATIONS

- Member (Student), Cardiovascular Institute

Publications

PUBLICATIONS

- **Vascular Complications in the Sapien 3 Era: Continued Role of Transapical Approach to TAVR.** *Seminars in thoracic and cardiovascular surgery*
Toppen, W., Suh, W., Aksoy, O., Benharash, P., Bowles, C., Shemin, R. J., Kwon, M.
2018
- **A regulated multiscale closed-loop cardiovascular model, with applications to hemorrhage and hypertension.** *International journal for numerical methods in biomedical engineering*
Canuto, D., Chong, K., Bowles, C., Dutson, E. P., Eldredge, J. D., Benharash, P.
2018
- **Current Methods and Advances in Simulation of Hemorrhage after Trauma.** *The American surgeon*
Bowles, C., Canuto, D., Teran, J., Dutson, E., Plurad, D., Eldredge, J., Benharash, P.
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- **Are nonemergent cardiac operations performed during off-time associated with worse outcome?** *The Journal of surgical research*
Ou, R., Ramos, G., Bowles, C., Juo, Y. Y., Shemin, R. J., Benharash, P.
2017; 218: 348-352
- **The impact of migration and antimicrobial resistance on the transmission dynamics of typhoid fever in Kathmandu, Nepal: A mathematical modelling study.** *PLoS neglected tropical diseases*
Saad, N. J., Bowles, C. C., Grenfell, B. T., Basnyat, B., Arjyal, A., Dongol, S., Karkey, A., Baker, S., Pitzer, V. E.
2017; 11 (5)
- **Use of preoperative aspirin in combined coronary and valve operations** *SURGERY*
Kashani, R., Bowles, C., Sareh, S., Toppen, W., Ou, R., Shemin, R., Benharash, P.
2016; 160 (6): 1612-1618
- **Accounting for Behavior in Treatment Effects: New Applications for Blind Trials** *PLOS ONE*
Chassang, S., Snowberg, E., Seymour, B., Bowles, C.
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- **Predicting the Impact of Vaccination on the Transmission Dynamics of Typhoid in South Asia: A Mathematical Modeling Study** *PLOS NEGLECTED TROPICAL DISEASES*
Pitzer, V. E., Bowles, C. C., Baker, S., Kang, G., Balaji, V., Farrar, J. J., Grenfell, B. T.
2014; 8 (1)
- **Gastrointestinal Dysfunction Following Hemolytic Uremic Syndrome** *DIGESTIVE DISEASES AND SCIENCES*
Bowles, C., Ancker, M., Triadafilopoulos, G.
2011; 56 (8): 2241-2243