

Gavin Christopher Touponse

- MD Student with Scholarly Concentration in Molecular Basis of Medicine / Surgery, expected graduation Spring 2025
- Masters Student in Medicine, admitted Summer 2023

Publications

PUBLICATIONS

- **Gating of Opioid Withdrawal Aversion by a Unique Class of Neurons in the Nucleus Accumbens**
Tucciarone, J., Pomrenze, M., Baek, J., Zhang, Z., Touponse, G., Shank, A., Neumann, P., Eshel, N., Malenka, R.
SPRINGER NATURE.2023: 492-493
- **Demographic and Socioeconomic Trends in Cervical Fusion Utilization from 2004 through 2021 and the COVID-19 Pandemic.** *World neurosurgery*
Wu, J. Y., Touponse, G. C., Theologitis, M., Ahmad, H. S., Zygorakis, C. C.
2023
- **Striatal dopamine integrates cost, benefit, and motivation.** *Neuron*
Eshel, N., Touponse, G. C., Wang, A. R., Osterman, A. K., Shank, A. N., Groome, A. M., Taniguchi, L., Cardozo Pinto, D. F., Tucciarone, J., Bentzley, B. S., Malenka, R. C.
2023
- **Socioeconomic Influence on Cervical Fusion Outcomes.** *Clinical spine surgery*
Touponse, G., Theologitis, M., Beach, I., Rangwalla, T., Li, G., Zygorakis, C.
2023
- **Trends in Management of Osteoporosis Following Primary Vertebral Compression Fracture.** *Journal of the Endocrine Society*
Malacon, K., Beach, I., Touponse, G., Rangwalla, T., Lee, J., Zygorakis, C.
2023; 7 (7): bvad085
- **Socioeconomic Effects on Lumbar Fusion Outcomes.** *Neurosurgery*
Touponse, G., Li, G., Rangwalla, T., Beach, I., Zygorakis, C.
2023
- **Behavioral Economics of Striatal Dopamine**
Eshel, N., Touponse, G., Wang, A., Osterman, A., Shank, A., Groome, A., Taniguchi, L., Pinto, D., Tucciarone, J., Bentzley, B., Malenka, R.
SPRINGER NATURE.2022: 519-520
- **Evidence-based surgery for laparoscopic cholecystectomy.** *Surgery open science*
Fisher, A. T., Bessoff, K. E., Khan, R. I., Touponse, G. C., Yu, M. M., Patil, A. A., Choi, J., Stave, C. D., Forrester, J. D.
2022; 10: 116-134
- **Scoping review of traumatic hemothorax: Evidence and knowledge gaps, from diagnosis to chest tube removal.** *Surgery*
Choi, J., Villarreal, J., Andersen, W., Min, J. G., Touponse, G., Wong, C., Spain, D. A., Forrester, J. D.
2021
- **Practical Computer Vision Application to Compute Total Body Surface Area Burn: Reappraising a Fundamental Burn Injury Formula in the Modern Era.** *JAMA surgery*
Choi, J., Patil, A., Vendrow, E., Touponse, G., Aboukhater, L., Forrester, J. D., Spain, D. A.
2021