

Brady Campbell, MD MPH

Hometown: Des Moines, Iowa

Undergrad: University of Iowa

Surgical Specialty Interest: Hope to know someday

Hobbies: Running, cycling, friends, novice crossword, enjoyer of nice beer.

Publications:

Shuxiang Li, Casey T. Andrews, Tamara Frembgen-Kesner, Mark S. Miller, Stephen L. Siemonsma, Timothy D. Collingsworth, Isaac T. Rockafellow, Nguyet Anh Ngo, **Brady A. Campbell**, Reid F. Brown, Chengxuan Guo, Michael Schrodt, Yu-Tsan Liu, and Adrian H. Elcock*. Molecular Dynamics Simulations of 441 Two-Residue Peptides in Aqueous Solution: Conformational Preferences and Neighboring Residue Effects with the Amber ff99SB-ildn-NMR Force Field. *J. Chem. Theory Computation.*, 2015, *11* (3), pp 1315–1329.

Andrews, Casey; **Campbell, Brady**; Elcock, Adrian. Direct measurement of amino acid and salt interactions with double-stranded and single-stranded DNA from explicit-solvent molecular dynamics simulations. *Journal of Chemical Theory and Computation.* 2017 *13* (4), 1794-1811.

Andrews, Casey; **Campbell, Brady**; Elcock, Adrian. Correction to Direct measurement of amino acid and salt interactions with double-stranded and single-stranded DNA from explicit-solvent molecular dynamics simulations. *Journal of Chemical Theory and Computation.* 2018 *14* (12), 6746-6747.

Sorber R, Weaver ML, Canner JK, **Campbell B**, III JHB, Hicks CW, Lum YW. Specialty Mediated 30-Day Complications in First Rib Resection for Thoracic Outlet Syndrome [published online ahead of print, 2021 Aug 5]. *J Surg Res.* 2021;268:214-220. doi:10.1016/j.jss.2021.06.058

Edward A, **Campbell B**, Manase F, Appel LJ. Patient and healthcare provider perspectives on adherence with antihypertensive medications: an exploratory qualitative study in Tanzania. *BMC Health Serv Res.* 2021;21(1):834. Published 2021 Aug 18. doi:10.1186/s12913-021-06858-7

Campbell B, Budreau D, Williams-Perez S, Chakravarty S, Galet C, McGonagill P. Admission Lymphopenia Predicts Infectious Complications and Mortality In Traumatic Brain Injury Victims [published online ahead of print, 2021 Oct 5]. *Shock.* 2021.

Koch K, Troester AM, Chevuru PT, **Campbell B**, Galet C, McGonagill PW. Admission Lymphopenia is Associated With Discharge Disposition in Blunt Chest Wall Trauma Patients [published online ahead of print, 2021 Oct 27]. *J Surg Res.* 2021;270:293-299. doi:10.1016/j.jss.2021.09.013

Presentations:

Campbell B, Rozycki G, Haut E, Fang R, Hultman S. The Impact of Flame Burn Injuries on Patients Who Sustain Mild Injuries From Motor Vehicle Crashes. Southeaster Surgical Congress, August 2021. Short Oral Presentation.