

Peer Reviewed Publications (partial list):

Altwal F, Padovan-Neto FE, Ritger A*, Steiner H, West AR. Role of 5-HT1A Receptor in Vilazodone-Mediated Suppression of L-DOPA-Induced Dyskinesia and Increased Responsiveness to Cortical Input in Striatal Medium Spiny Neurons in an Animal Model of Parkinson's Disease. *Molecules*. 2021 Sep 24;26(19):5790. doi: 10.3390/molecules26195790

Benjamins MR, Lorenz P*, Saiyed NS, Silva A, Mattix-Kramer HJ, Pys P*, Schulz A*. 2022. Black-White Inequities in Kidney Disease Mortality Across the 30 Most Populous US Cities. *Journal of General Internal Medicine*. DOI: 10.1007/s11606-022-07444-1.

Bunting S*, Benjamins MR. Engaging Students in Population Health Research to Teach Health Equity: Describing an Alliance between a Medical School and a Community-Based Research Center. *Partnerships Progress in Community Health Partnerships: Research, Education, and Action*. 16(2), 277-291. DOI: <https://doi.org/10.1353/cpr.2022.0031.2>.

Bunting SR*, Calabrese SK, Spigner ST, et al. Evaluating medical students' views of the complexity of sexual minority patients and implications for care. *LGBT Health*. 2022; 2022;10.1089/lgbt.2021.0023. doi:10.1089/lgbt.2021.0023

Bunting SR*, Feinstein BA, Hazra A, Sheth NK, Garber SS. Knowledge of HIV and HIV pre-exposure prophylaxis among medical and pharmacy students: A national, multi-site, cross-sectional study. *Preventive Medicine Reports*. 2021 Dec; 24. 101590. ISSN 2211-3355, <https://doi.org/10.1016/j.pmedr.2021.101590>

Bunting SR*, Feinstein BA, Hazra A, Sheth NK, Garber SS. Effects of Patient Sexual Orientation and Gender Identity on Medical Students' Decision Making Regarding Preexposure Prophylaxis for Human Immunodeficiency Virus Prevention: A Vignette-Based Study. *Sexually Transmitted Diseases*, 2021 Dec; 48(12): 959-966(8), <https://doi.org/10.1097/OLQ.0000000000001488>

Bunting SR*, Hunt B, Boshara A, Jacobs J, Johnson AK, Hazra A, Glick N. Examining the Correlation Between PrEP Use and Black:White Disparities in HIV Incidence in the Ending the HIV Epidemic Priority Jurisdictions. *J Gen Intern Med*. 2022 Jun 9. doi: 10.1007/s11606-022-07687-y. Epub ahead of print. PMID: 35678988.

Cardenas A, Papadogiannis A,* Dimitrov E. The role of medial prefrontal cortex projections to locus ceruleus in mediating the sex differences in behavior in mice with inflammatory pain. *FASEB J* 2021 Jul;35(7):e21747 doi: 10.1096/fj.202100319RR

DiVirgilio *L, Boshara A, Hunt BR, Jacobs J, Just K*, and Johnson AK. (2022). A Community Informed Approach to COVID-19 Vaccine Roll-Out in Under-served Areas in Chicago. *Frontiers in Public Health*, 10:863125. doi: 10.3389/fpubh.2022.863125.

Fresquez AM*, White C. Extracellular cysteines C226 and C232 mediate hydrogen sulfide-dependent inhibition of Orai3-mediated store-operated calcium entry. *Am J Physiol Cell Physiol*. 2022 Jan;322(1):C38-C48. doi: 10.1152/ajpcell.00490.2019

Jacobs J, Johnson AK, Boshara A, Hunt B, Khouri C*, Cruz J*, Glick N. (2021) COVID-19 health inequities and association with mechanical ventilation and prolonged length of stay at an urban safety-net health system in Chicago. *PLoS ONE*. 16(10): e0258243. <https://doi.org/10.1371/journal.pone.0258243>.

Munshi S, Ritger A*, Rosenkranz JA. Induction of Repeated Social Defeat Stress in Rats. *Bio Protoc*. 2022 Feb 5;12(3):e4306. doi: 10.21769/BioProtoc.4306

CMS Student Scholarly Activity
July 2021 – June 2022

Patterson KM, Vajdic TG*, Martinez GJ, Feller AG, Reynolds JM. IL-17 and IL-17C Signaling Protects the Intestinal Epithelium against Diisopropyl Fluorophosphate Exposure in an Acute Model of Gulf War Veterans' Illnesses. *Immune Netw.* 2021 Oct 29;21(5):e35. doi:10.4110/in.2021.21.e35

Salazar MD, Wang WJ, Skariah A, He Q, Field K*, Nixon M*, Reed R*, Dambaeva S, Beaman K, Gilman-Sachs A, Kwak-Kim J. Post-hoc evaluation of peripheral blood natural killer cell cytotoxicity in predicting the risk of recurrent pregnancy losses and repeated implantation failures. *J Reprod Immunol.* 2022;150:103487

Thomson KB, Mirpuri P, Chen M. The impact of volunteering with a student-run free clinic on medical student specialty selection. *BMC Med Educ.* 2022 Oct 11;22(1):714. doi: 10.1186/s12909-022-03788-8. PMID: 36221082; PMCID: PMC9552362.

Timani KA, Rezaei S*, Whitmill A, Liu Y, He JJ. Tip110/SART3-Mediated Regulation of NF- κ B Activity by Targeting I κ B α Stability Through USP15. *Frontier in Oncology*, 2022 Apr 21;12:843157. doi: 10.3389/fonc.2022.843157

Tong KP*, Sorrentino E*, Garcia A*, Jones C*, Fahey K*, Trivedi A, Crews R. Limb Preservation Success Stories from a Student-Led Free Clinic. *NFAR.* 2022

Vincent S*, Chirica M*, Thippana J*, Chen M, Schneider K. Association Between Anxiety and Depression Symptoms and Chronic Health Conditions in a Sample of Low-income, Uninsured Adults at a Student-Led Free Clinic. Accepted May 2022 for publication at the Journal of Student Free Clinics

Yang E*, Husein A*, Martinez-Perez J*, Li T. Post-COVID-19 Longitudinally Extensive Transverse Myelitis with Myelin Oligodendrocyte Glycoprotein Antibodies. *Case Rep Neurol Med.* 2022 Apr 5;2022:1068227. doi: 10.1155/2022/1068227. PMID: 35399911; PMCID: PMC8984739.

Zhao X, Wilson K*, Uteshev V, He JJ Activation of $\alpha 7$ nicotinic acetylcholine receptor ameliorates HIV-associated neurology and neuropathology. *Brain.* 2021 Dec 16;144(11):3355-3370. doi: 10.1093/brain/awab251

* denotes CMS student