

IMPROVING THE US POPULATION'S PHYSICAL HEALTH, MENTAL HEALTH AND WELL-BEING BY INCREASING PHYSICAL ACTIVTY AND PHYSICAL FITNESS

November 20, 2020

The Honorable Joe Biden Presidential Transition Office 1401 Constitution Ave NW Washington, DC 20230

Dear President-Elect Biden:

As our next President, your focus will be on many important issues and goals during your tenure, especially with the imperative to address the current COVID-19 pandemic and ensuring that all Americans have an equal opportunity to live a long, healthy, and fulfilling life. As you set the priorities for your administration, the Physical Activity Alliance strongly urges you to include physical activity promotion and physical fitness for all people living in the US.

Being physically active is one of the most important lifestyle behaviors people can engage in to maintain physical health, mental health and well-being.

- Regular physical activity is both health-promoting and important for disease treatment and prevention with numerous benefits that contribute to a disability-free lifespan.²
- Studies show that physical activity is associated with strong immune response, risk reduction from community-acquired infectious disease and mortality and increased vaccine potency.^{3,4,5}
- It also contributes to social connectedness, quality of life, and environmental sustainability.
- Currently in the US, only 26 percent of men, 19 percent of women, and 20 percent of adolescents report sufficient activity to meet the relevant aerobic and muscle-strengthening physical activity guidelines.¹ Even so, current population physical activity levels avert 3.9 million premature deaths globally and 140,200 premature deaths in the US on an annual basis.⁷
- Low physical activity and low fitness pose immediate and long-term threats to our nation's safety and security. Currently, 71% of Americans ages 17-24 fail to meet core eligibility requirements for entrance into the military, creating a serious recruiting deficit.⁸
- Among those who do meet basic requirements for service, musculoskeletal injuries associated with low fitness levels cost the Department of Defense hundreds of millions of dollars,⁹ and have been identified as the most significant medical impediment to military readiness.¹⁰

Here are some policy priorities we hope your Administration will implement or work with Congress to address related to physical activity and population health and well-being:

Prioritize Physical Activity Across the Federal Policy Landscape

 Create an interagency task force or White House Council at the federal level to address physical activity and physical fitness in federal policy in such areas as

- addressing climate change by increasing walking, biking and access to public transportation, national security and emergency response, education, labor, public health, environmental sustainability, research, infrastructure investment, and community and economic development.
- Coordinate physical activity research across the federal government to develop a cross-cutting strategic prioritization that includes the National Institutes of Health, Department of Defense, Centers for Disease Control and Prevention, US Departments of Transportation, Education, and other relevant agencies.
- Pursue a "physical activity-in-all" policies approach. Additionally, where the federal government is addressing nutrition, obesity, healthy living, and chronic disease, physical activity promotion should be included as a key indicator.
- Incorporate physical activity into the upgrade of public health infrastructure, surveillance, and data modernization efforts.
- Regularly Revise and Update the <u>Physical Activity Guidelines for Americans</u>
- Support Physical Activity Assessment, Prescription and Referral in Health Care
 - Integrate physical activity across the health care system and into delivery of care to bring best practices to all patients and health consumers by:
 - Supporting standardization of a measure for physical activity in electronic health records and developing performance and quality measures for providers around physical activity assessment, prescription and referral.
 - Asking the Centers for Medicare and Medicaid Services to support coverage and payment determinations for physical activity prescription and allow for remote patient monitoring and virtual delivery.
- Fund the Centers for Disease Control and Prevention's Active People Healthy Nation initiative to help 27 million people be more physically active by 2027.

The Physical Activity Alliance is the nation's broadest coalition dedicated to promoting physical activity for health. We hope you will include these priorities within your Administration's work. Physical activity is integral to population health and well-being, educational achievement, effective health care delivery, emergency preparedness, military readiness, and supporting our nation's recovery from the pandemic. If we can help more Americans to be physically active, we will save lives, protect families from the costs and pain of dealing with infectious and non-communicable diseases, contribute to lower vehicle emissions, reduce racial, ethnic and gender health disparities, and make American employers and the U.S. overall much more productive and successful.

Please reach out to Laurie Whitsel, Ph.D (<u>moreactive@paamovewithus.org</u> or 724-331-4507) if we can answer any questions and we look forward to staying in touch in the coming months.

Sincerely,

Monte Ward President - Physical Activity Alliance

References:

- ¹ US Department of Health and Human Services. Physical Activity Guidelines for Americans, 2nd edition. 2018.
- ² Wen CP and Wu X. Stressing harms of physical inactivity to promote exercise. *Lancet*. 2012;380:192-3.
- ³ Nieman DC, Wentz LM. The compelling link between physical activity and the body's defense system. *J Sport Heal Sci*. Published online 2019. doi:10.1016/j.jshs.2018.09.009.
- ⁴ Hamer M, Kivimäki M, Gale CR, David Batty G. Lifestyle risk factors, inflammatory mechanisms, and COVID-19 hospitalization: A community-based cohort study of 387,109 adults in UK. *Brain Behav Immun*. Published online 2020.
- ⁵ Dixit S. Can moderate intensity aerobic exercise be an effective and valuable therapy in preventing and controlling the pandemic of COVID-19? *Med Hypotheses*. Published online 2020.
- ⁶ Global Advocacy Council for Physical Activity International Society for Physical Activity and Health. The Toronto Charter for Physical Activity: A Global Call for Action. *J Phys Act Health*. 2010;7 Suppl 3:S370-85.
- ⁷ Strain T, Brage, S., Sharp, SJ., Richards, J., Tainio, M., Ding, D., Benichou, J., Kelly, P. Use of the prevented fraction for the population to determine deaths averted by existing prevalence of physical activity: a descriptive study. *Lancet Global Health*. 2020;8:e920-30.
- ⁸ U.S. Department of Defense, Joint Advertising Market Research and Studies. (2016). The target population for military recruitment: youth eligible to enlist without a waiver. https://dacowits.defense.gov/Portals/48/Documents/General%20Documents/RFI%20Docs/Sept2016/JAMRS%20RFI%2014. pdf?ver=2016-09-09-164855-510.
- ⁹ Bulzacchelli M, Sulsky S, Zhu L, Brandt S, Barenberg A. The cost of basic combat training injuries in the U.S. Army: injury-related medical care and risk factors. In: Military Performance Division, U.S. Army Research Institute of Environmental Medicine. Edited by Natick MA, March 2017.
- ¹⁰ Hauret KG, Jones BH, Bullock SH, Canham-Chervak M, Canada S. Musculoskeletal injuries description of an under-recognized injury problem among military personnel. *AmJ Prev Med.* Jan 2010; 38(1)(suppl):S61-S70.