

Testimony in Support of HB 1249

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Good morning Chairman Weisz and honorable members of the House Human Services Committee. My name is Daniel Scrimshaw and I serve as an Emergency Physician in Minot, ND and as the North Dakota State Director of the American Academy of Medical Ethics. I am testifying in regard to House Bill 1249 and I respectfully request that you render a “DO PASS” on this bill.

There are known scientific genetic differences between the male and female sexes in regards to sports performance^{1,2,3}. Genetic males are noted in the medical literature to perform better in swimming, jumping, skating, weightlifting, and cycling (among other athletic events) and in one particular study men were found to perform between 5.5% to 36.8% better than females². It is unethical to allow genetic males to participate in female sports. HB 1249 shows true respect for athletes who are genetically female. HB 1249 is correct medically and scientifically and I support this bill. Again, I recommend a “Do Pass” on this bill.

Thank you for the opportunity to testify on this matter.

¹ Joyner MJ. Physiological limits to endurance exercise performance: influence of sex. *J Physiol*. 2017 May 1;595(9):2949-2954. doi: 10.1113/JP272268. Epub 2017 Feb 9. PMID: 28028816; PMCID: PMC5407964.

² Thibault V, Guillaume M, Berthelot G, Helou NE, Schaal K, Quinquis L, Nassif H, Tafflet M, Escolano S, Hermine O, Toussaint JF. Women and Men in Sport Performance: The Gender Gap has not Evolved since 1983. *J Sports Sci Med*. 2010 Jun 1;9(2):214-23. PMID: 24149688; PMCID: PMC3761733.

³ Hallam LC, Amorim FT. Expanding the Gap: An Updated Look Into Sex Differences in Running Performance. *Front Physiol*. 2022 Jan 4;12:804149. doi: 10.3389/fphys.2021.804149. PMID: 35058806; PMCID: PMC8764368.