

Women's sports teams are being decimated by permitting biological males to compete on these teams. It is scientific fact that male and female sex is determined immediately following conception and endures throughout a person's life. No amount of mental gymnastics can change this fact, nor is it scientifically or clinically possible to change sex. The physiological difference between males and females cannot be suppressed or changed by any amount of synthetic hormones or puberty blockers. The British Journal of Sports Medicine's review of a couple dozen medical studies depicts the athletic advantages of males at the cellular level. There are advantages in muscle mass, lean body mass, muscle strength, and two measurements of endurance (hemoglobin and hematocrit). There are also indirect measures of efficacy of oxygenation transportation and delivery. The review concludes that even after three years of hormone therapy these advantages still remain. The recognizable physiologic and metabolic differences between males and females is exactly what sex-specific sports are designed to correct for. Please pass HB 1489 to ensure women's sports teams remain open only to biological women. Thank you.