

Gilles C Soucy

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May 6, 2025

To the Honorable Members of the Maine State Legislature Judiciary Committee

Augusta, ME 04333

Dear Legislators,

I am writing to express my strong support for An Act to Prohibit Biological Males from Participating in School Athletic Programs and Activities Designated for Females When State Funding Is Provided to the School (20-A MRSA §14). This bill ensures fairness and safety in female athletic programs by restricting participation to individuals whose biological sex assigned at birth is female in schools receiving state funding.

Scientific evidence underscores the necessity of this legislation. Biological males, on average, retain physiological advantages in athletic performance due to differences in genetics and hormones. Studies, such as a 2020 analysis in Sports Medicine by Hilton and Lundberg, demonstrate that biological males typically have 10-30% greater muscle mass, higher bone density, and elevated testosterone levels, which enhance strength, speed, and power. These advantages persist even after hormone therapy, with a 2021 study in The Journal of Clinical Endocrinology & Metabolism finding that transgender women retain significant strength advantages over biological females after years of testosterone suppression.

These physiological differences can create unfair competitive disparities in female sports, potentially diminishing opportunities for biological females to excel and access scholarships. Additionally, in contact sports, the risk of injury may increase when biological males compete against females due to differences in body composition and force generation, as noted in a 2019 Journal of Science and Medicine in Sport study.

By aligning athletic participation with biological sex, this bill upholds the integrity of female sports, ensuring equitable opportunities and safer environments. I urge you to support this legislation to protect the rights and achievements of female athletes in Maine's schools.

Sincerely,

Gilles C Soucy