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The proposed changes run contrary to science, reason, established convention, and human decency, and solely reflect an arbitrary and capricious act by this administration against a portion of the population it purports to serve. The Society for the Study of Evolution recently issued a letter to the president and members of congress (the full text can be referenced on <https://www.evolutionarysociety.org/news/display/2025/2/7/letter-to-the-us-president-and-congress-on-the-scientific-understanding-of-sex-and-gender/>) that addresses these proposed changes:

"Scientific consensus defines sex in humans as a biological construct that relies on a combination of chromosomes, hormonal balances, and the resulting expression of gonads, external genitalia and secondary sex characteristics. There is variation in all these biological attributes that make up sex. Accordingly, sex (and gendered expression) is not a binary trait. While some aspects of sex are bimodal, variation along the continuum of male to female is well documented in humans through hundreds of scientific articles. Such variation is observed at both the genetic level and at the individual level (including hormone levels, secondary sexual characteristics, as well as genital morphology). Beyond the incorrect claim that science backs up a simple binary definition of sex, the lived experience of people clearly demonstrates that the genetic composition at conception does not define one's identity. Rather, sex and gender result from the interplay of genetics and environment. Such diversity is a hallmark of biological species, including humans."