

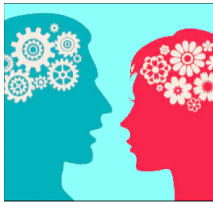
marri *Findings*

FAITH & FAMILY

Sex Differences Originate in the Brain

““The cocks may crow, but it’s the hen that lays the egg.”
—Margaret Thatcher, Former British Prime Minister

Sex Hormones Program Sex Differences Throughout the Brain



A [2017 review](#) of the influence of sex hormones found that the entire brain is targeted by them and they alter the structure and function of the neural systems and behaviors, including mood, cognition, blood pressure regulation, motor coordination, pain, and opioid sensitivity. Men and women differ in all these areas.

The Immune System Regulates (Causes/Modifies) Sex Differences in Brain and Behavioral Development



A [2016 review](#) shows that sex differences in brain development and behavior may be attributed to prominent sex differences in the number, morphology, and signaling of immunocompetent cells (cells with normally developed immune responses) in the brain during gestation. These differences have implications in the differences between men and women in the etiology of neurodevelopmental disorders such as autism, schizophrenia, Tourette’s syndrome, and attention deficit hyperactivity disorder (ADHD). This review also shows that sex differences in brain’s immunocompetent cells result in sex differences in response to infection, stress, or diet.

Sex Differences Have Implications for Personalized Therapy



A [2019 review](#) of sex differences in the brain found that the differences in development start about 3 weeks after conception and continue until 30 years of age. Not only does the anatomy of the brain develop differently in males and females, but also, due to differences in the genetic pathways, it responds differently to pharmaceutical treatments in susceptibility to risk. The review further found that sex differences in the brain suggest sex differences in neuropsychiatric disorders such as autism spectrum disorder and Alzheimer’s disease, and concluded that sex-specific personalized therapies need to be developed.

Money, Love and Time



Twice in my life I have had a look inside the female universe, bypassing the protections by which women naturally keep men out of certain conversations. The first time, while I was in graduate school, was a Sunday walk with some single friends, male and female. There were no romantic pairings and at one stage all the men were walking together ahead. I was held up for a moment and overheard the young women behind me. Amazed and intrigued, I resumed walking ahead but staying in earshot. They were assessing the income potential of each of us guys. [Continue Reading...](#)



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