

- Neuroscience approaches

- hormones and testosterone
 - determined in womb
- congenital adrenal hyperplasia
- choice of play
 - certain activities activate certain hormones
- Organizational influences
 - sex linked hormones affect development prenatally or during aly
- Activity influence
 - environment influences affect activation of hormones

- Social Identity Theory

- ingroup bias
 - we identify w/ people of the same gender, usually
 - can develop an ingroup bias
- ingroup assimilation
 - you assimilate w/ the gender you identify w/
- Gender essentialist statements
 - boys play football
 - girls take ballet
 - comments about appearance
 - media

- Is biology destiny?

- Money et al study
- John becomes Joan
 - botched circumcision turned into a sex change
- seemed well adjusted in preschool years
- Diamond and Sigmundson did a follow up of Joan's life
- Problems adjusting

- Academic Achievement btw Genders

- Biological influences
- Brain differences
- Environment contributes to it
 - girls more encouraged in some studies, boys encouraged more in others
- Effect of androgens
 - secreted in womb
 - androgenized females= have more masculine personality traits
- Males have more disabilities
 - small y chromosome- less room, more affected by bio diseases
- Parental Influences
 - mothers talk more to girls than boys
 - more talking leads to faster language development
 - parents expectations lead to domain specific development
 - if one has all boys or all girls, not as much gender stereotyping
 - more when you have both girls and boys
- Teacher influences
 - women as science teachers
 - higher achievement in boys than girls

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