

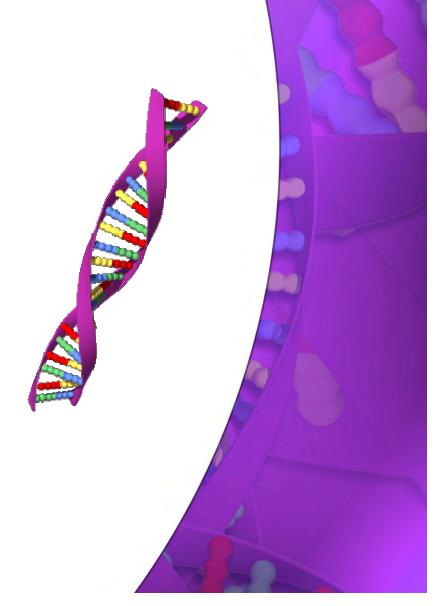


New Study Seen to Support 'Born Gay' Theory By Patrick Goodenough CNSNews.com International Editor

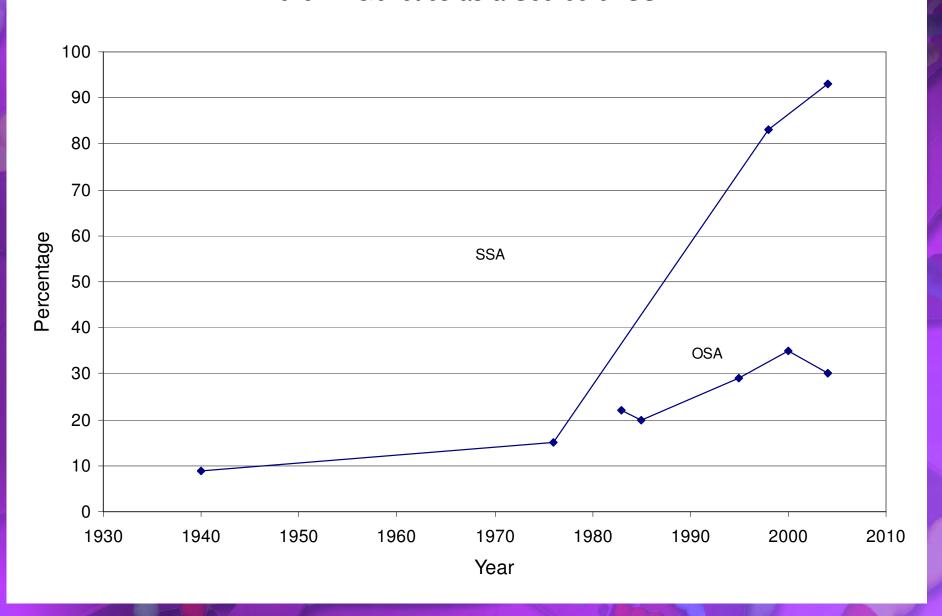
June 27, 2006

(CNSNews.com) - A new study on homosexuality is being used to back up the contention that sexual orientation is determined in the womb and not by sociological factors.

North American researchers say a study of almost 1,000 Canadian men found a link between homosexuality and the number of older brothers a man has. Such an association has been reported before, but in the past left open the possibility that both biological or sociological factors may play a role.



Belief in Genetics as a Source of SSA





Evidence of SSA Innateness

- Finger length
- Otoacoustic emissions
- Hair whorls
- Left handedness
- Brain anatomy
- Verbal/spatial skills
- Toddler toy preference
- Earlier puberty
- Genes found
- Elder brother effect
- Slimming pills in pregnancy
- Family Tendencies
- Effeminacy
- Skewed chromosome silencing in mothers



- Fluctuating asymmetry
- Transcultural nature
- Intersex evidence
- Polycystic ovary
- Animal homosexuality
- Fingerprint ridge counts
- Higher fertility in maternal line
- Maternal immune hypothesis



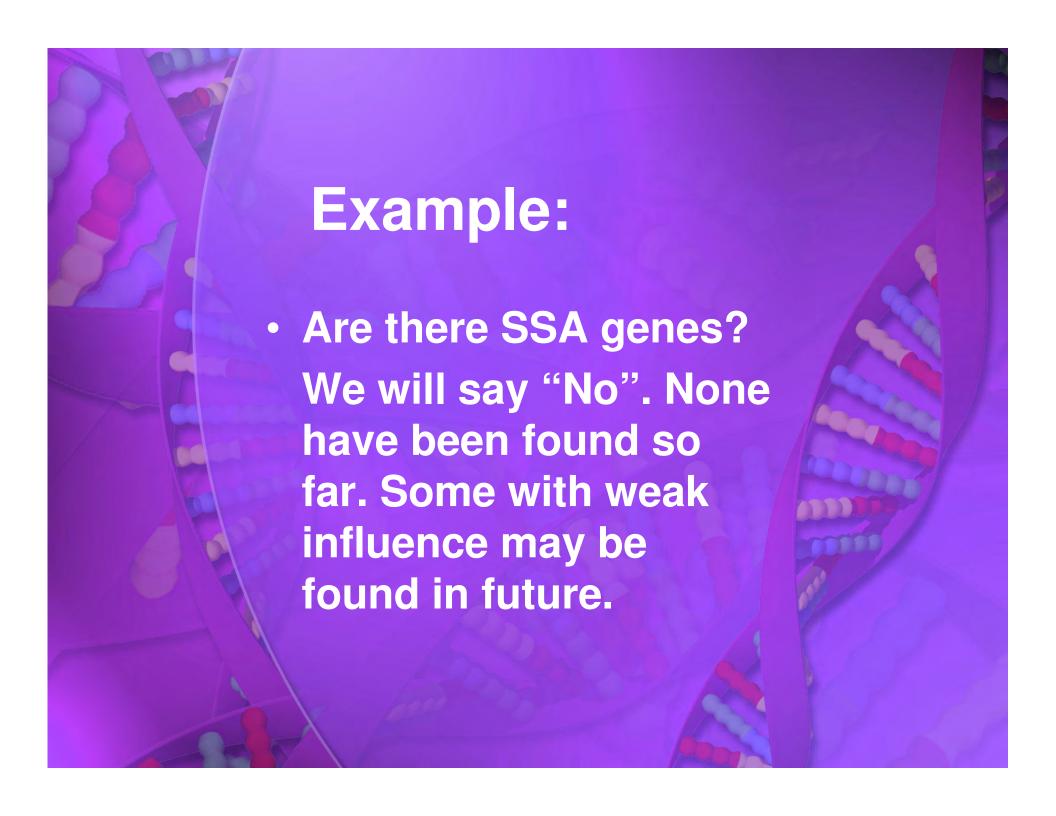
Evidence of SSA Innateness

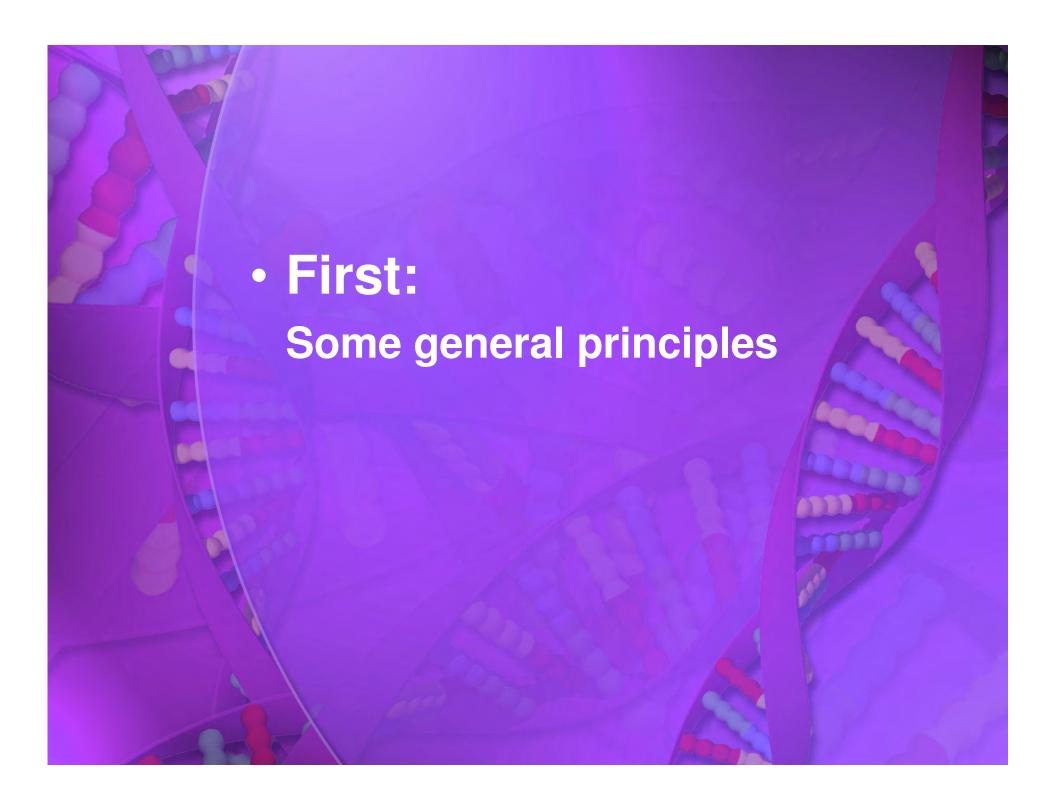
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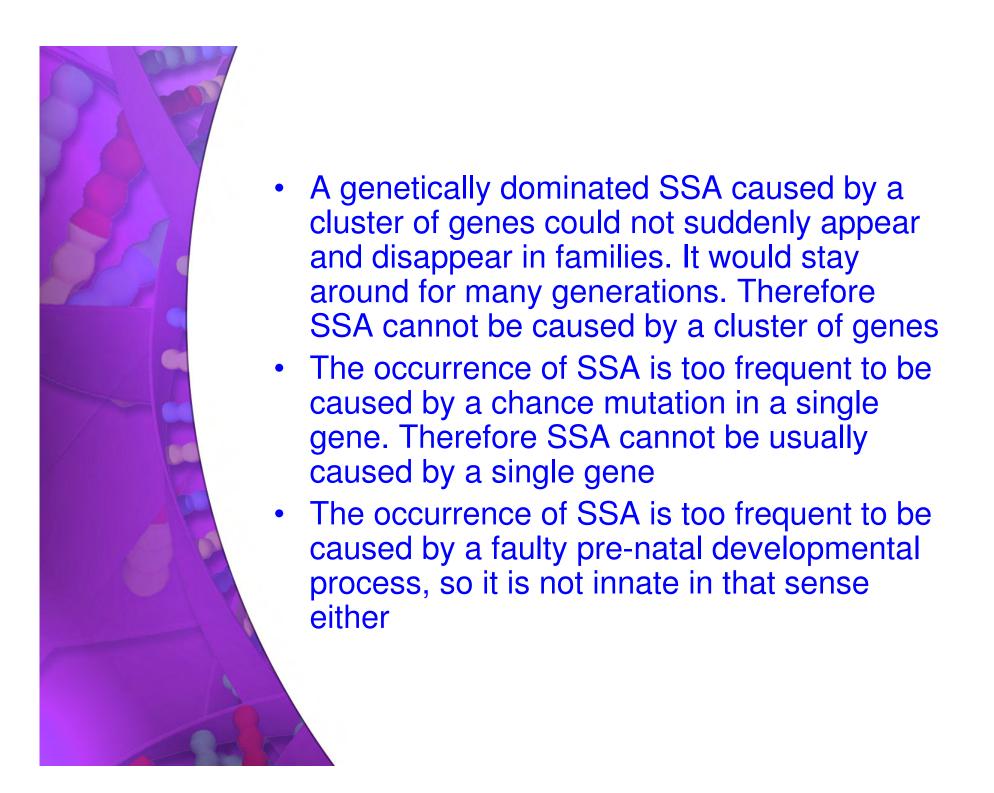
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 About a third of the connections prove on subsequent research to be just plain wrong.
 Some people are trying too hard!

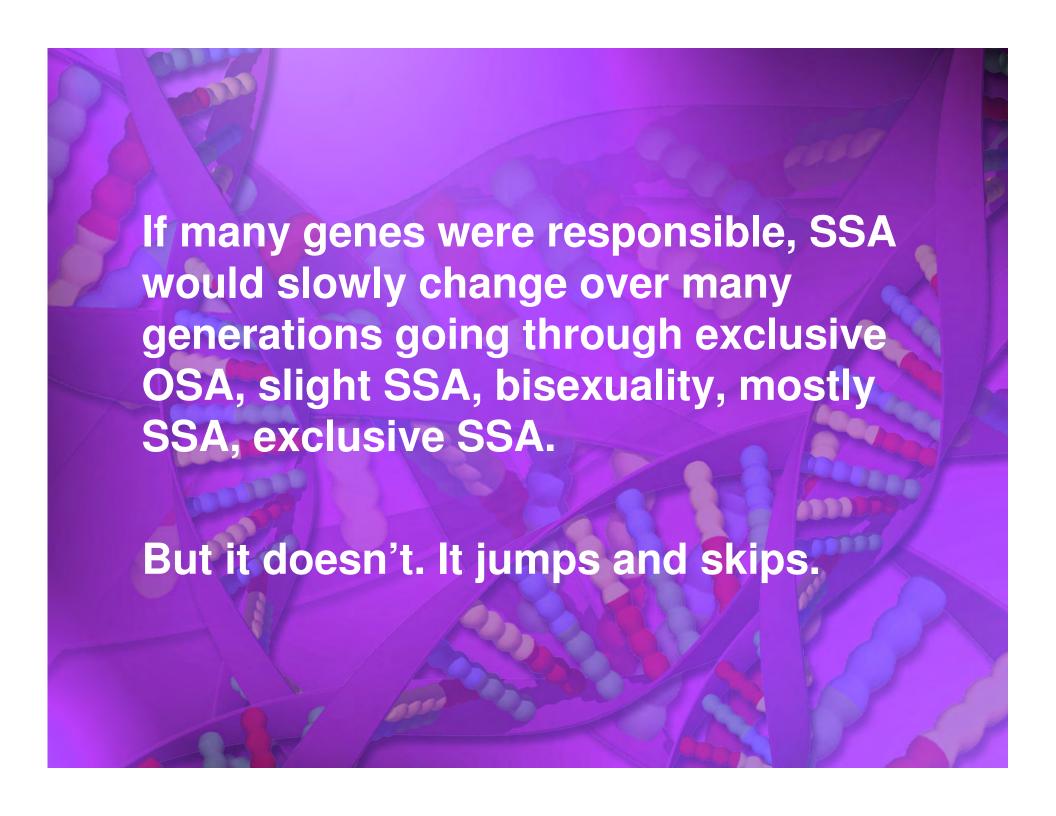




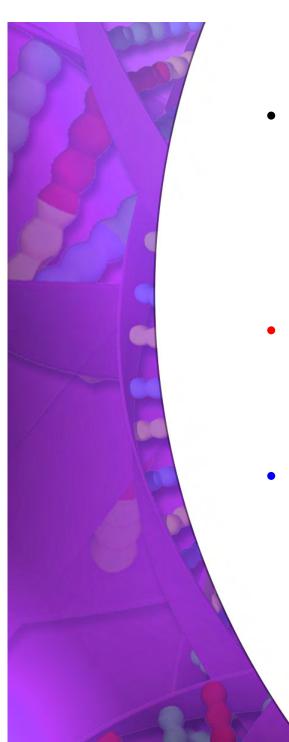




- A genetically dominated SSA caused by a cluster of genes could not suddenly appear and disappear in families. It would stay around for many generations. Therefore SSA cannot be caused by a cluster of genes,
- The occurrence of SSA is too frequent to be caused by a chance mutation in a single gene. Therefore SSA cannot be usually caused by a single gene..
- The occurrence of SSA is too frequent to be caused by a faulty pre-natal developmental process, so it is not innate in that sense either.

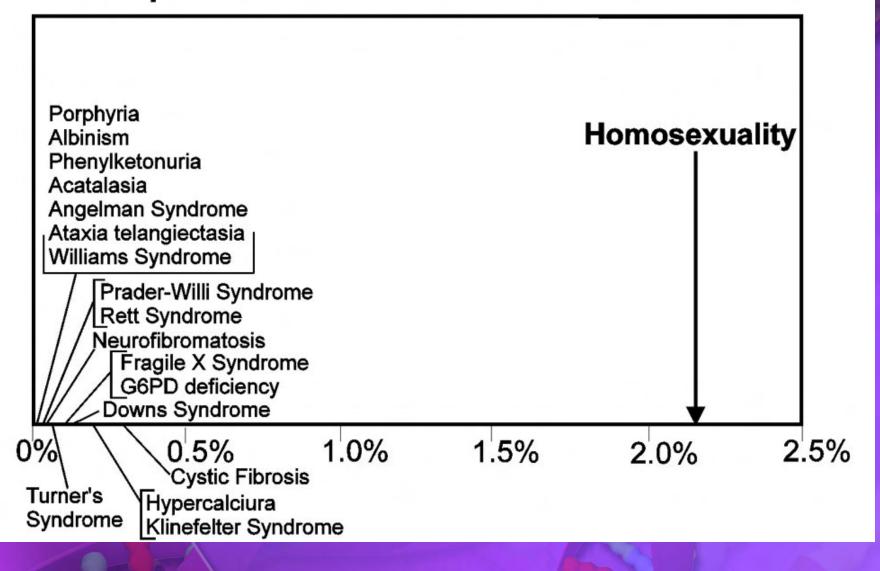






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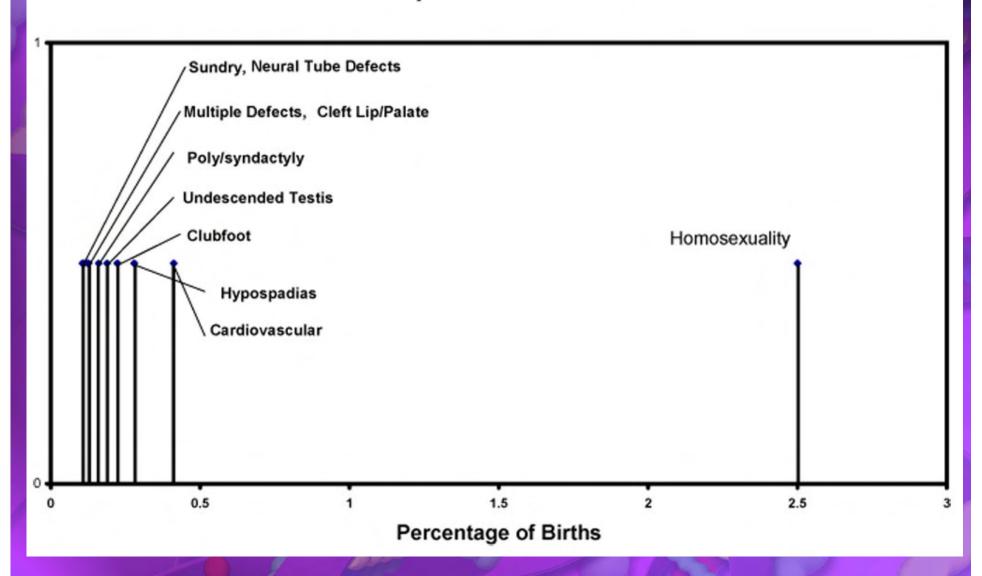
Population Incidence of Genetic Disorders

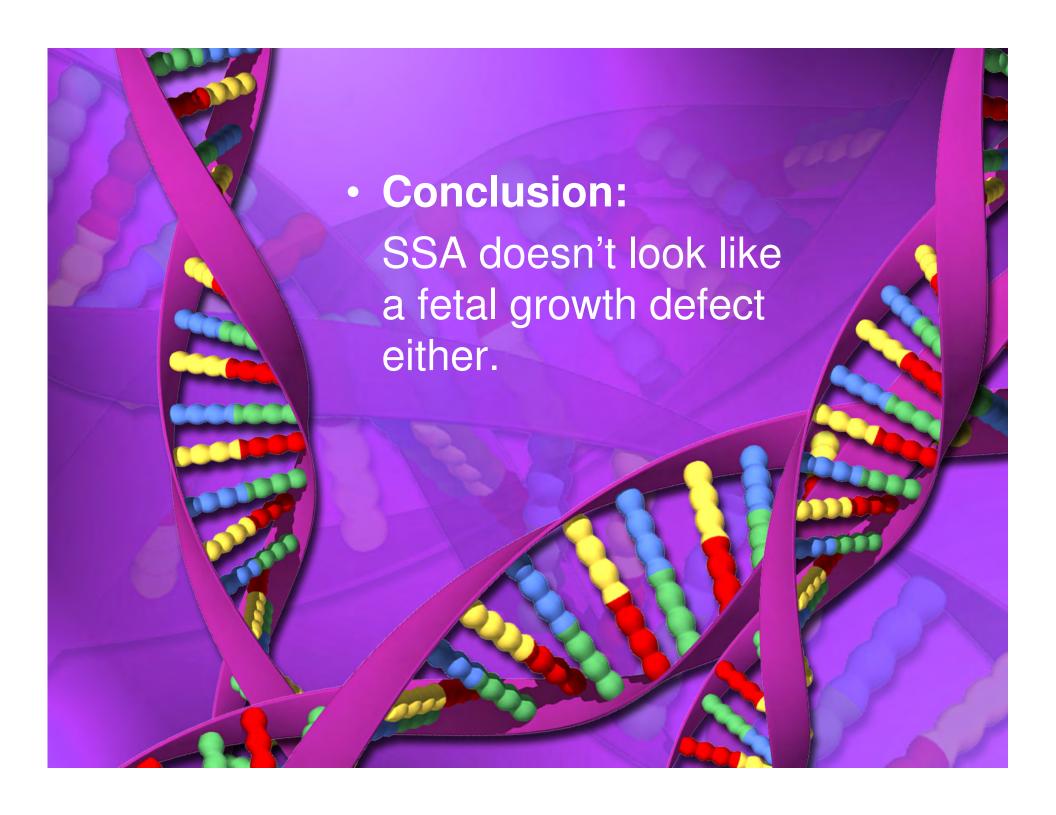




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Developmental Conditions

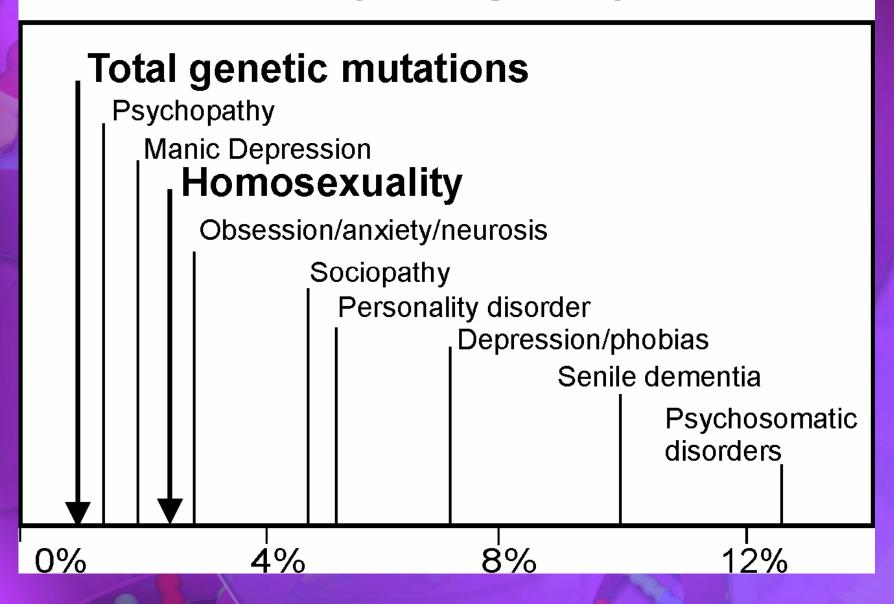


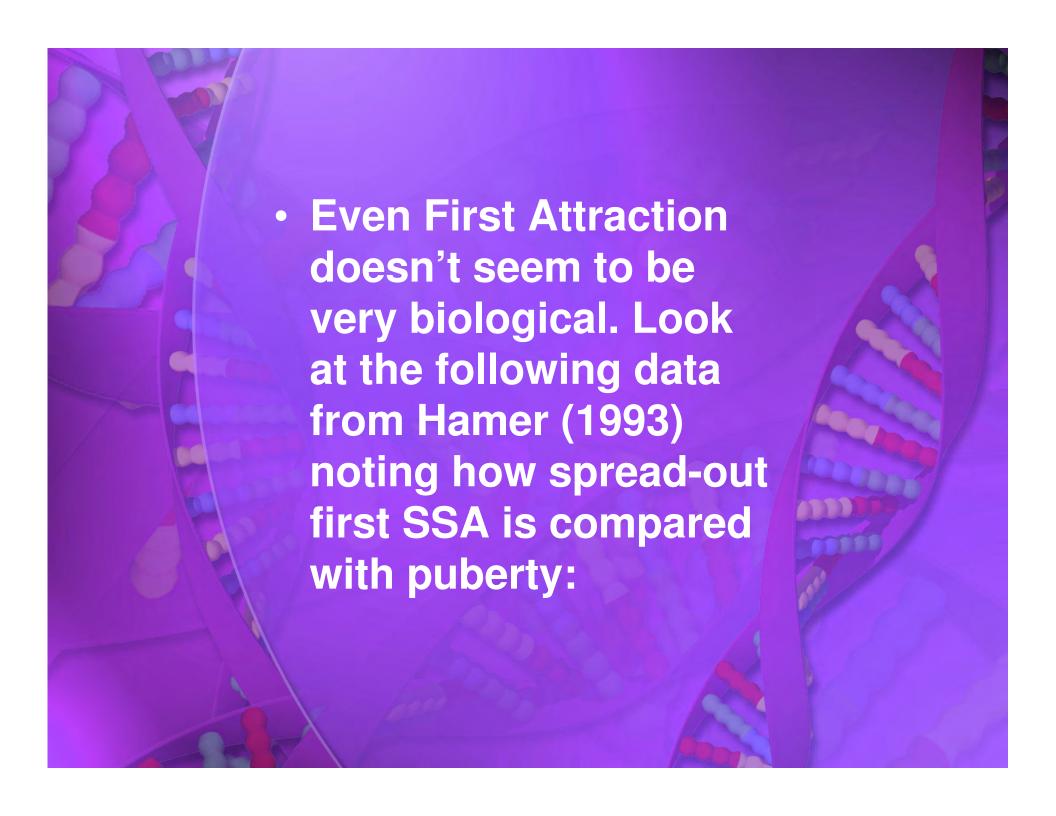


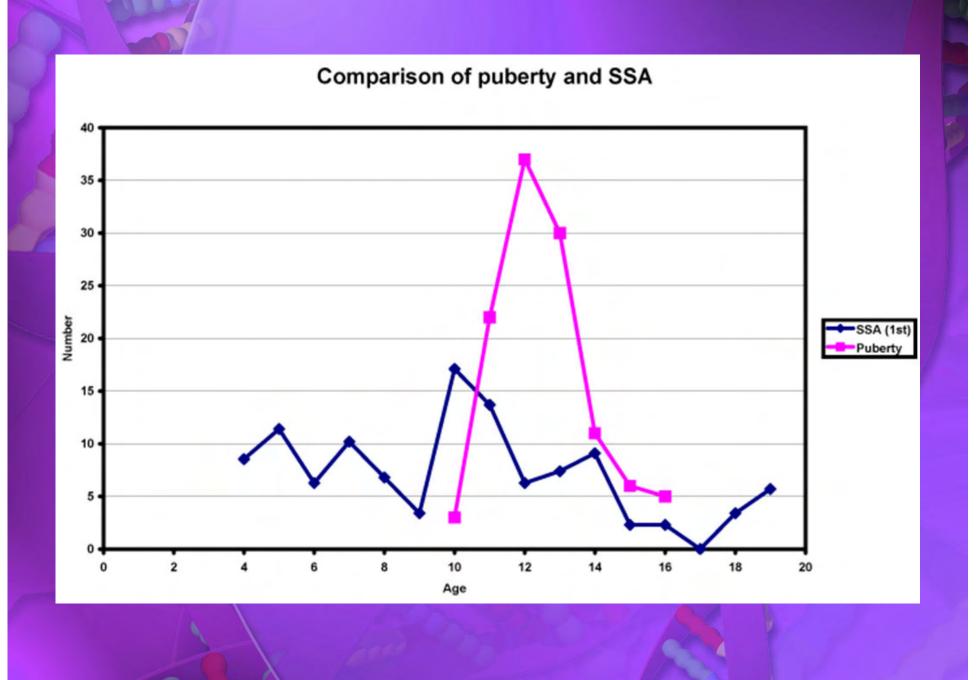
 But as shown in the next slide, SSA has about the same occurrence as various psychological conditions, which are much more common



Incidence of Psychological Symptoms

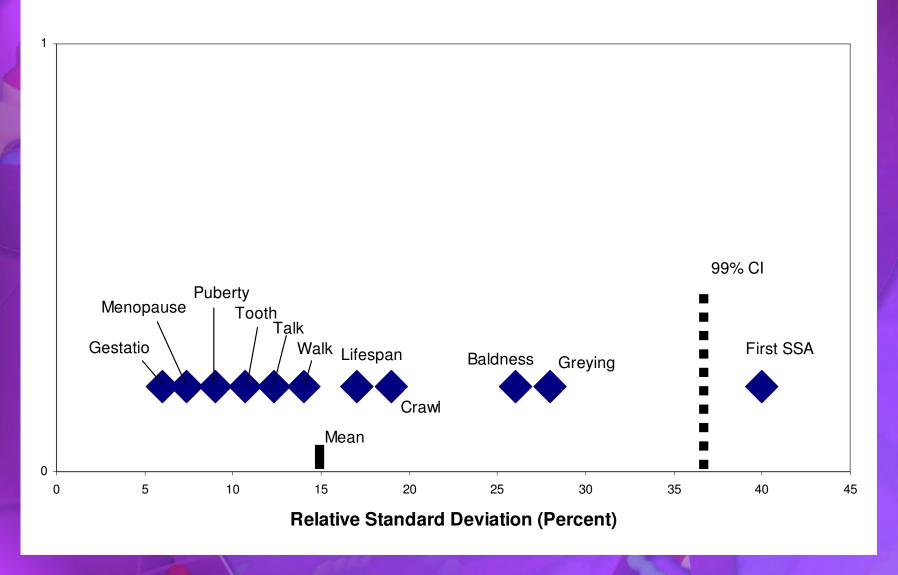






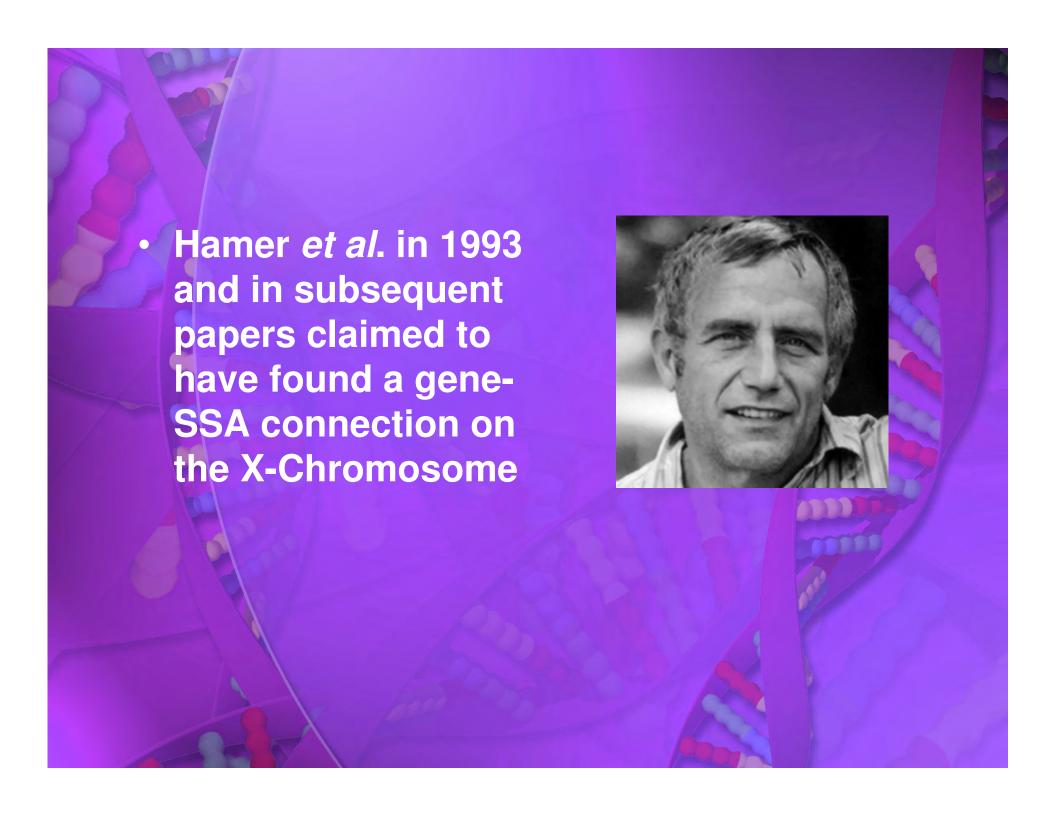


Life Events

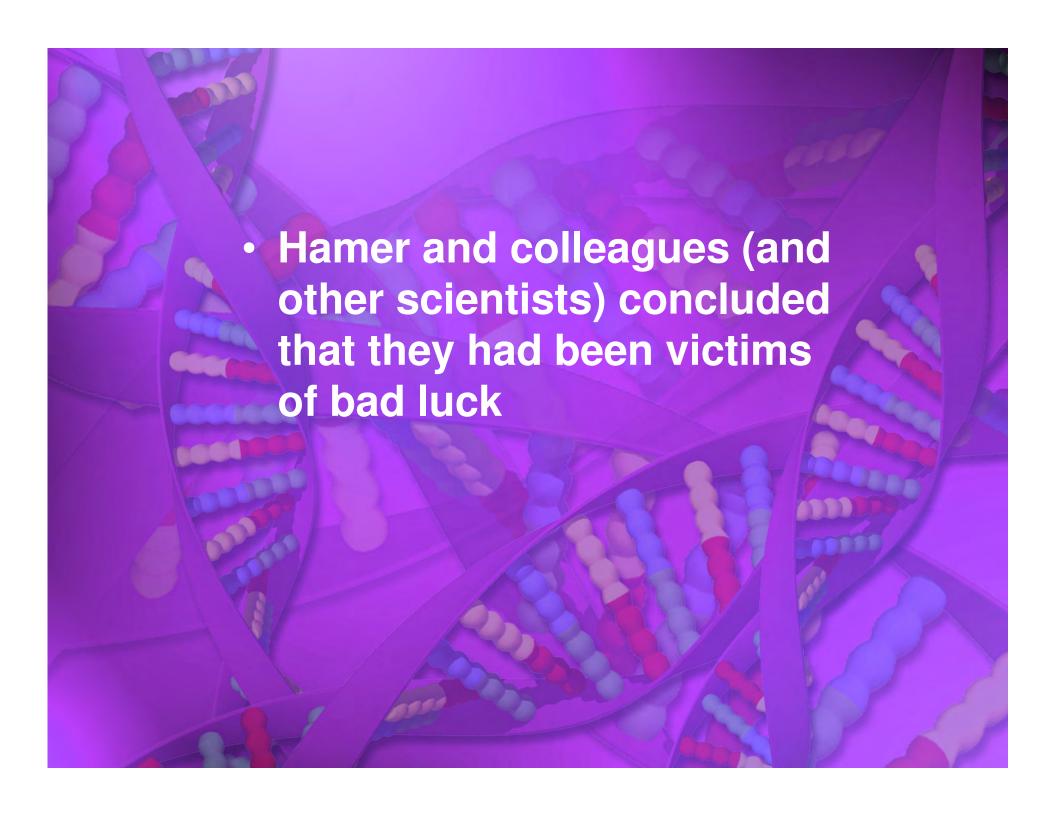


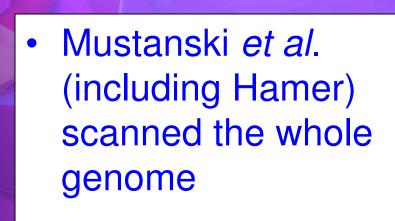
 This means that SSA seems to be in a class apart - not like other biological lifeevents. In spite of this researchers have continued to look for SSA genes





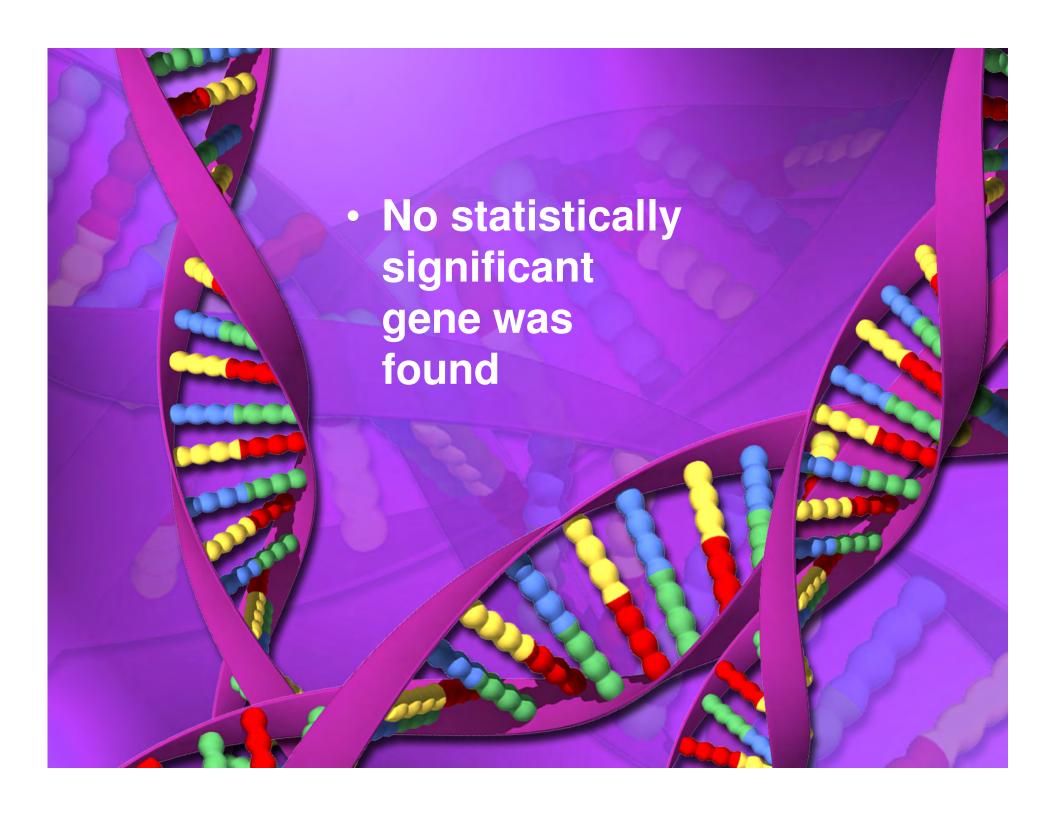


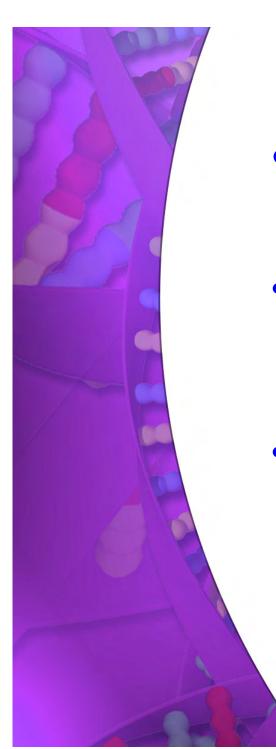








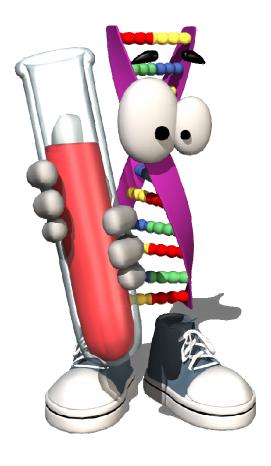




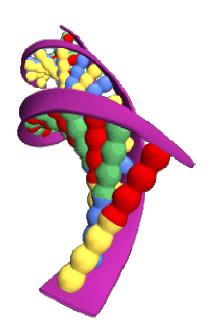
Conclusion:

- No gene for SSA is known, and none has been found in the last 15 years or so
- The best guess is that if it exists it would have been found by now. Several were found for schizophrenia

Connections to SSA



 But surely all these bits of biological evidence must add up to <u>something</u>?

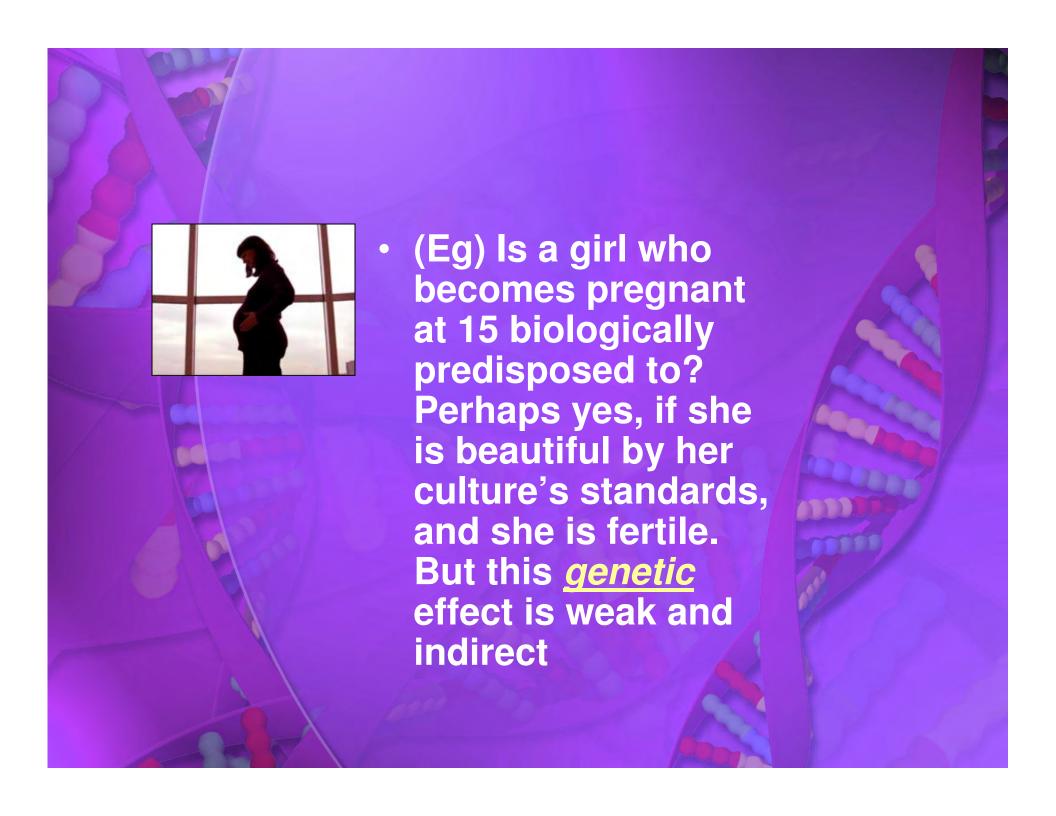


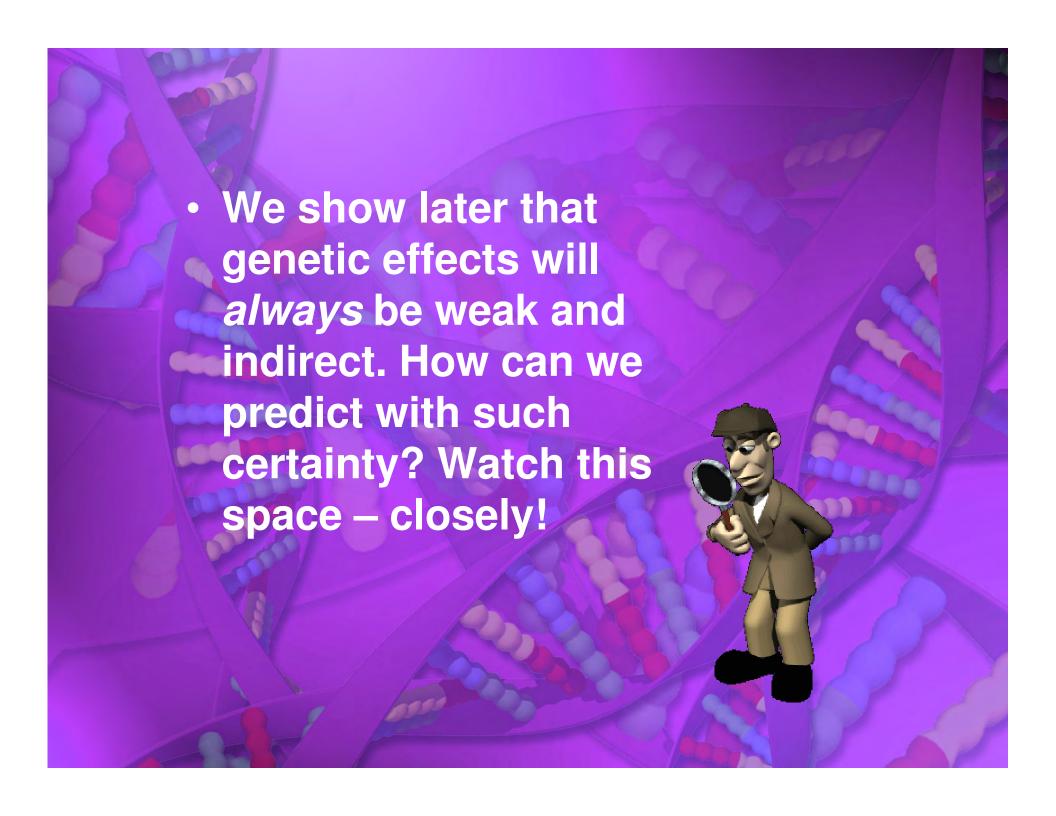
 About 2-3 papers a year come out showing apparently new or reinforced biological connections to SSA

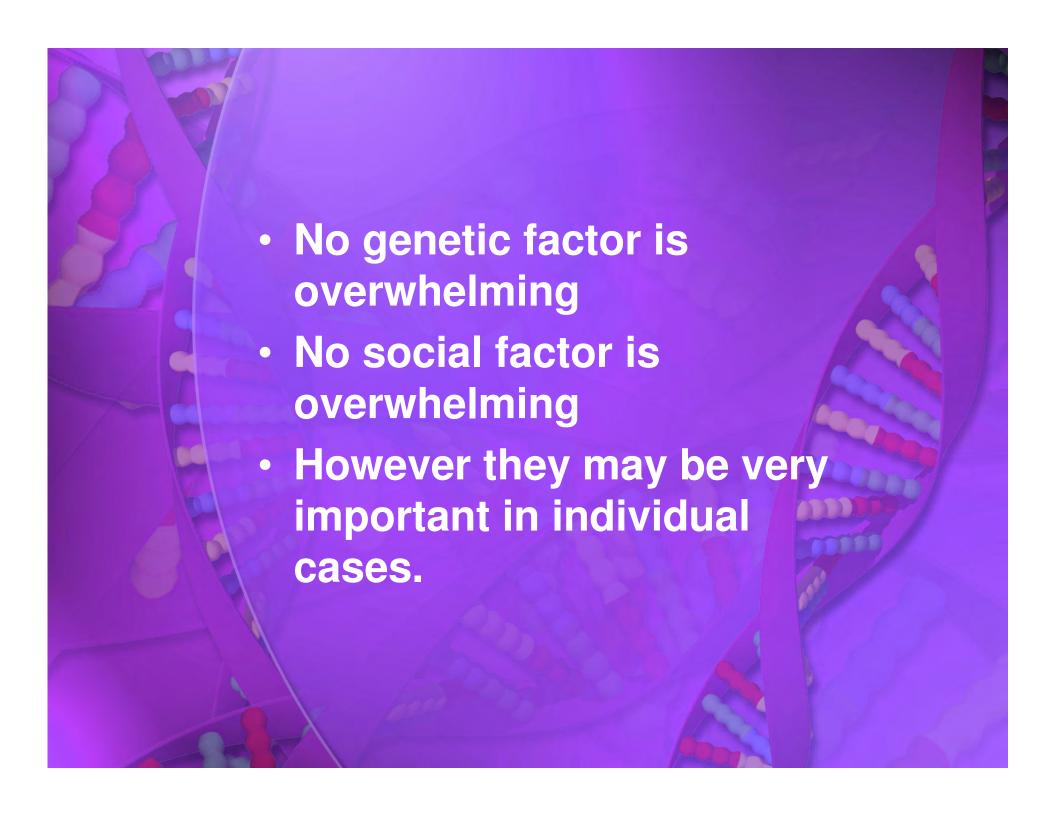
• Summary:

All the effects are weak and indirect!







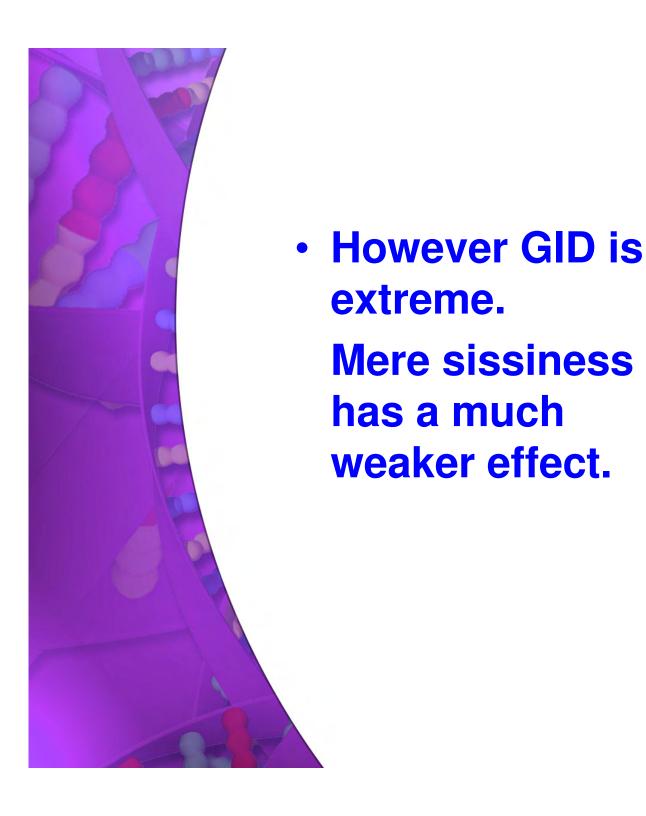


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- Summarising all the surveys the best estimate is that 50% of GID boys referred to clinics will develop SSA

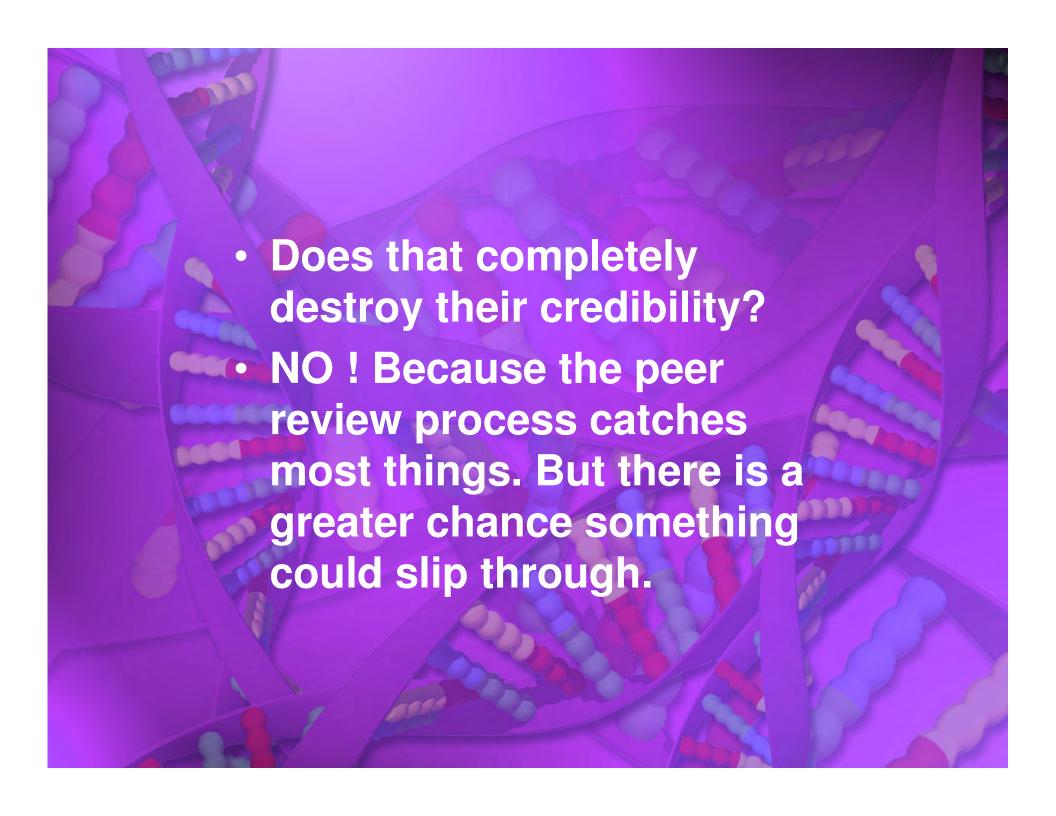
- No overwhelming social factor applying in all cases has been found
- The strongest is extreme childhood effeminacy (Gender Identity Disorder)
- Summarising all the surveys the best estimate is that 50% of GID boys referred to clinics will develop SSA
- No other biological factor is even close

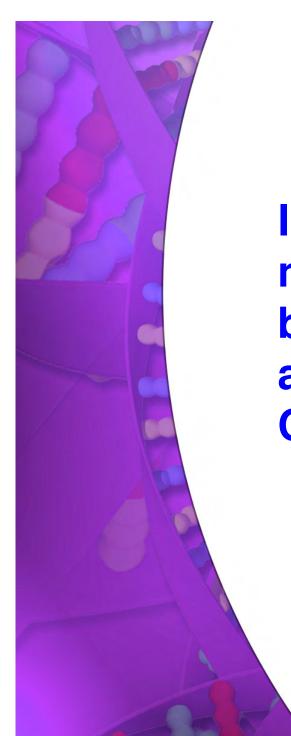


- No overwhelming <u>social</u> factor applying in all cases has been found
- Currently researchers have not found an overwhelming biological factor applying in all cases but are looking hard



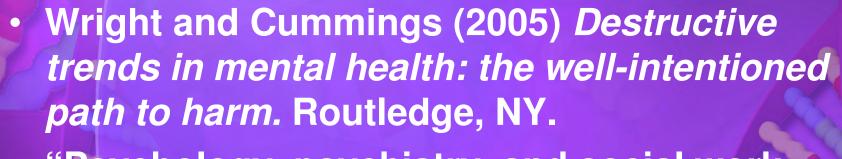




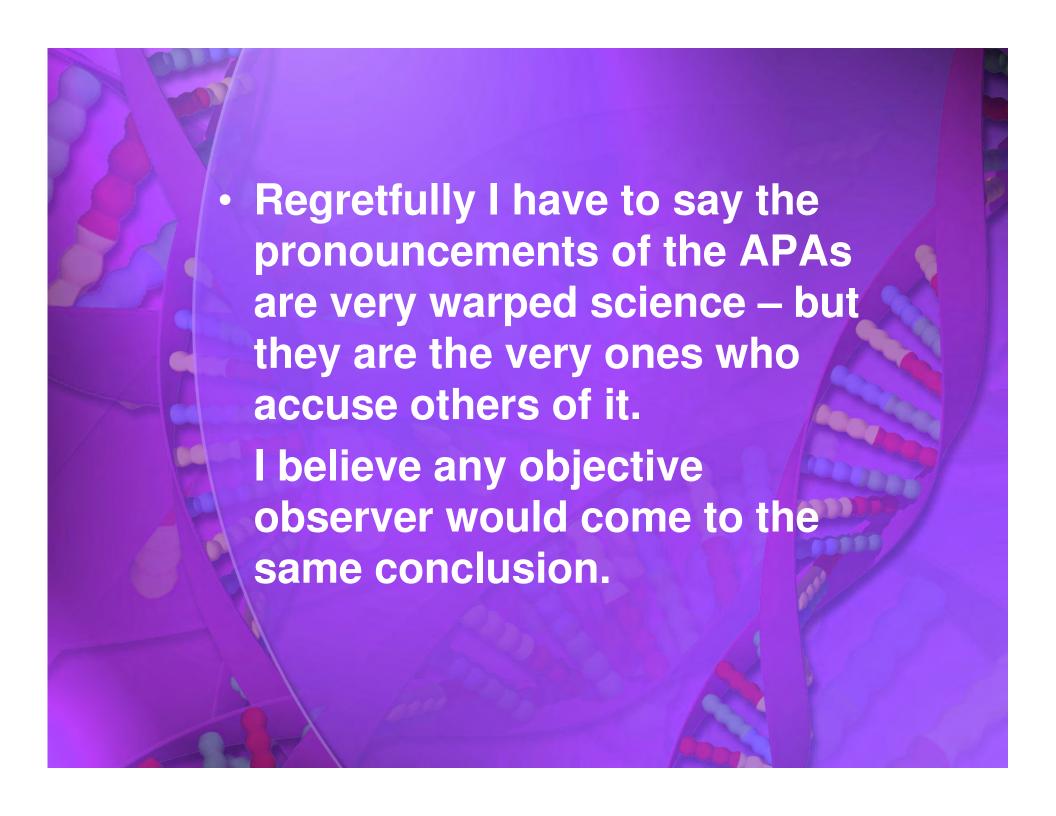


The APAs

In 40 years of science I have never seen such politically biased scientific organisations as the APAs, except in Communist countries.



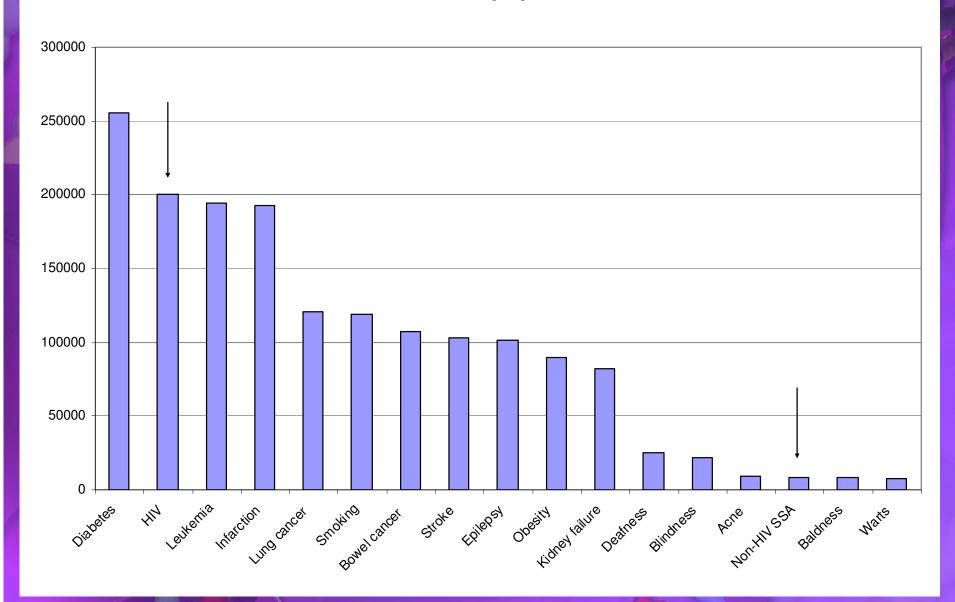
"Psychology, psychiatry, and social work have been captured by an ultraliberal agenda." "Censorship exists...." "even under the McCarthy era there was not the insidious sense of intellectual intimidation that currently exists under political correctness"



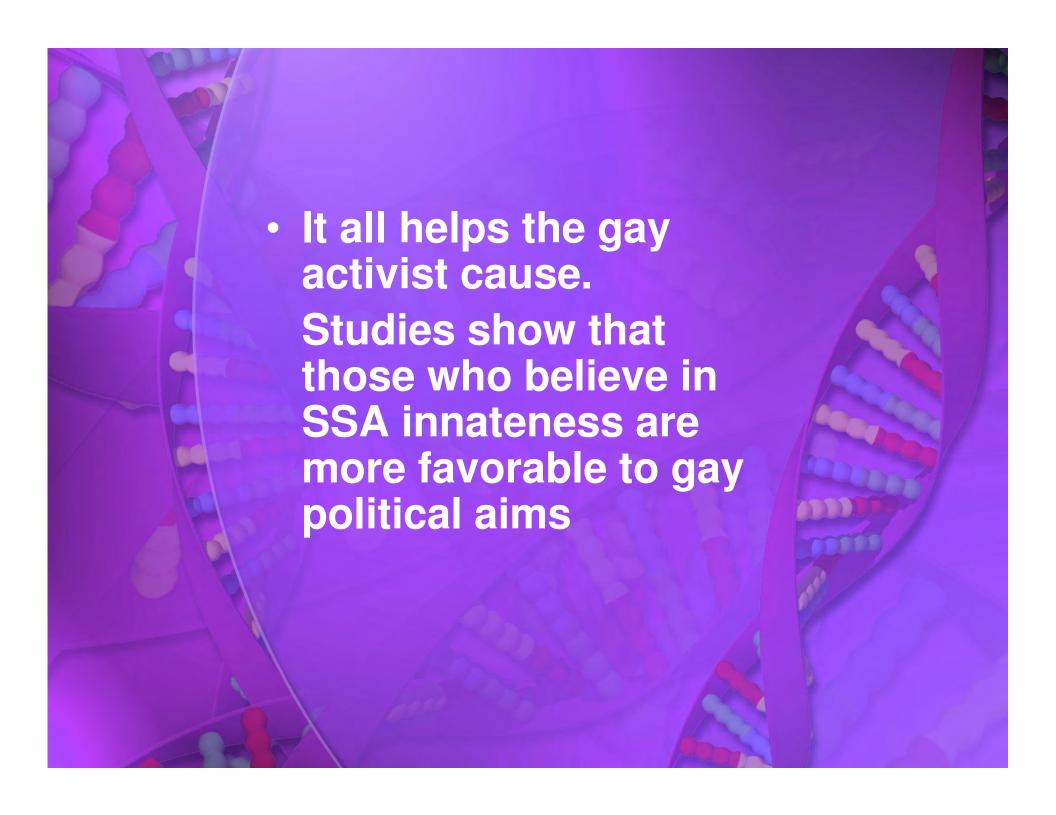
 Lots of research is being done.



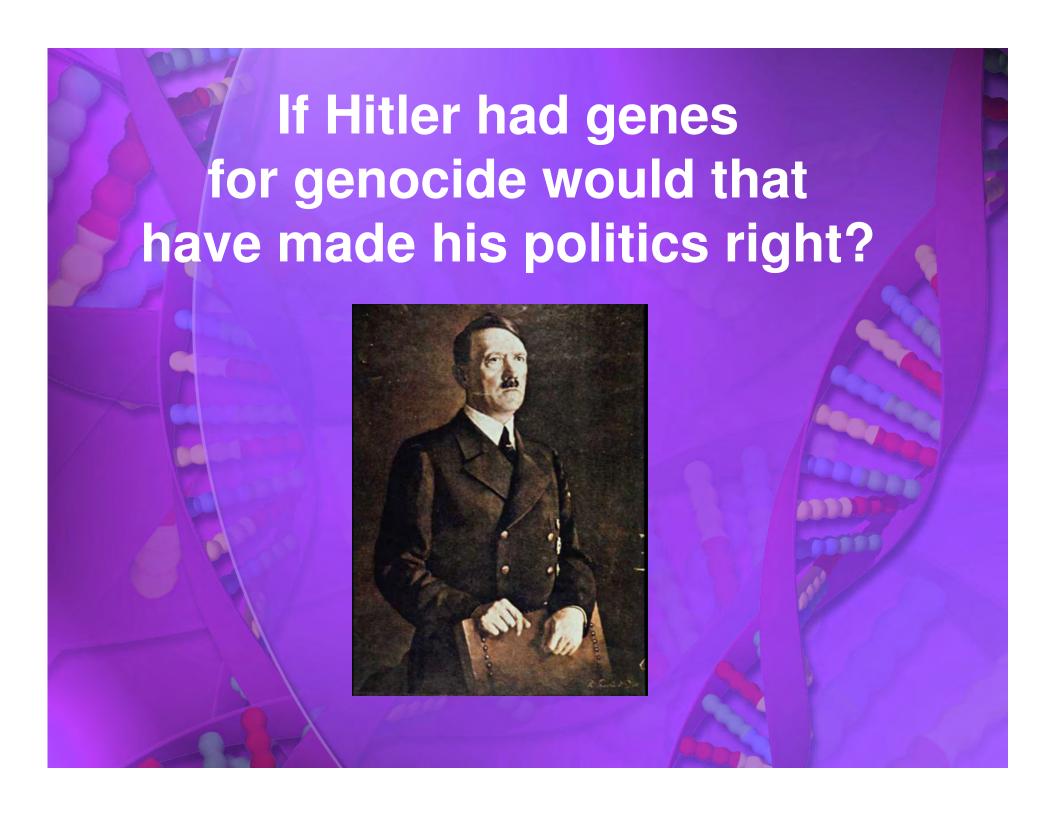
PubMed papers

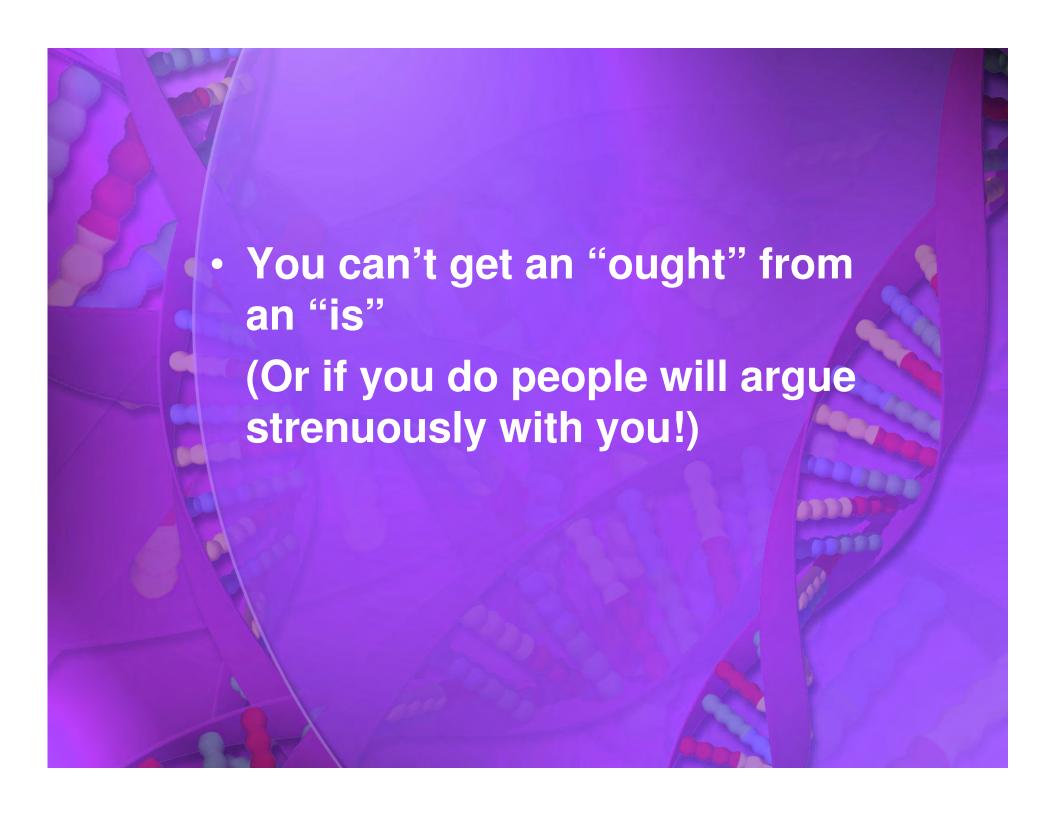






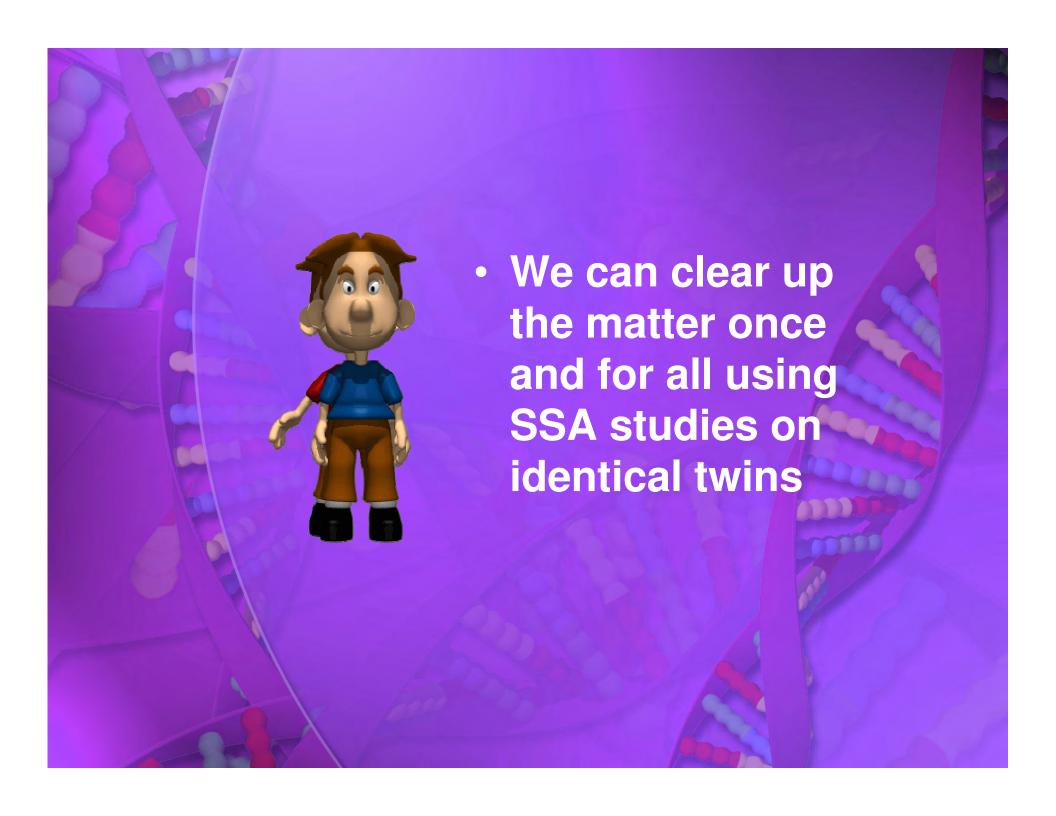
















 Identical twins have identical upbringing







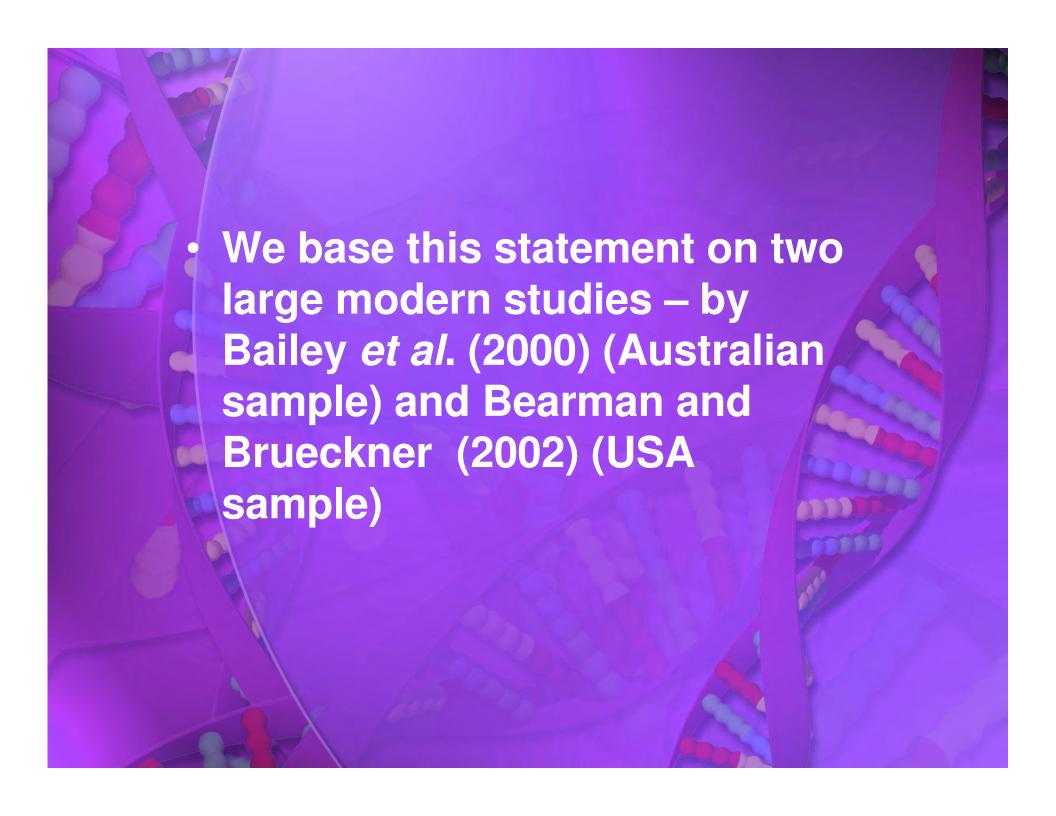


So results of SSA concordance studies on identical twins include all the effects of genetics and upbringing, those known and those yet to be discovered





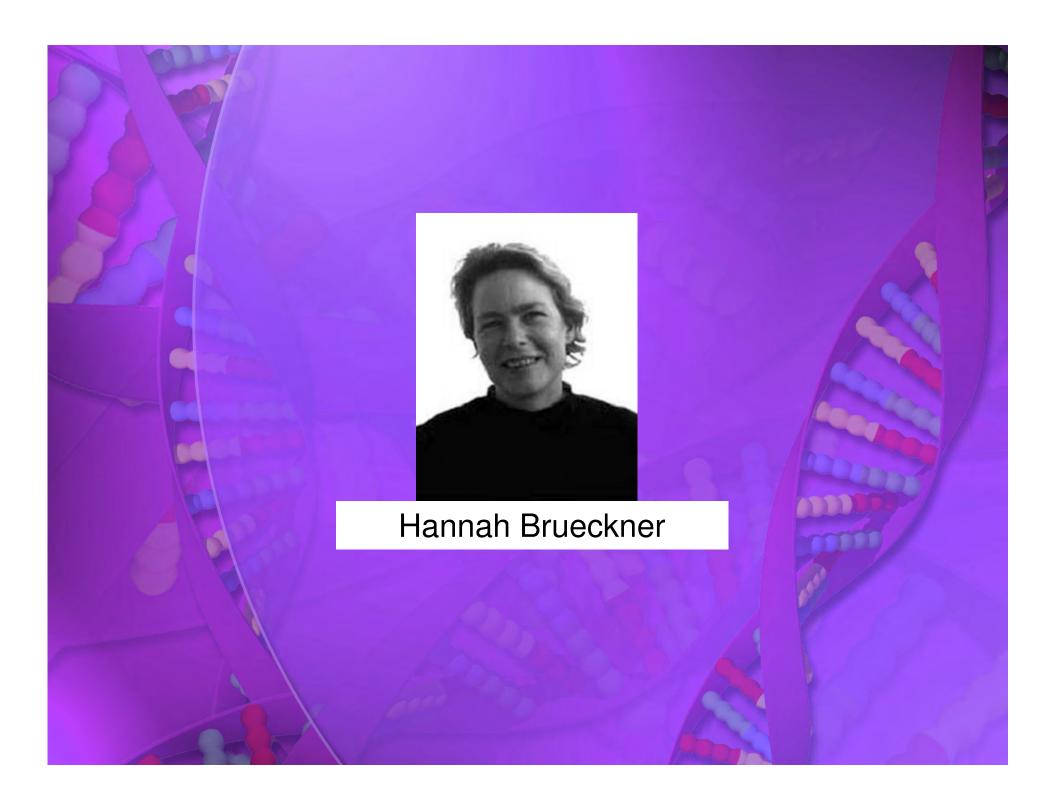


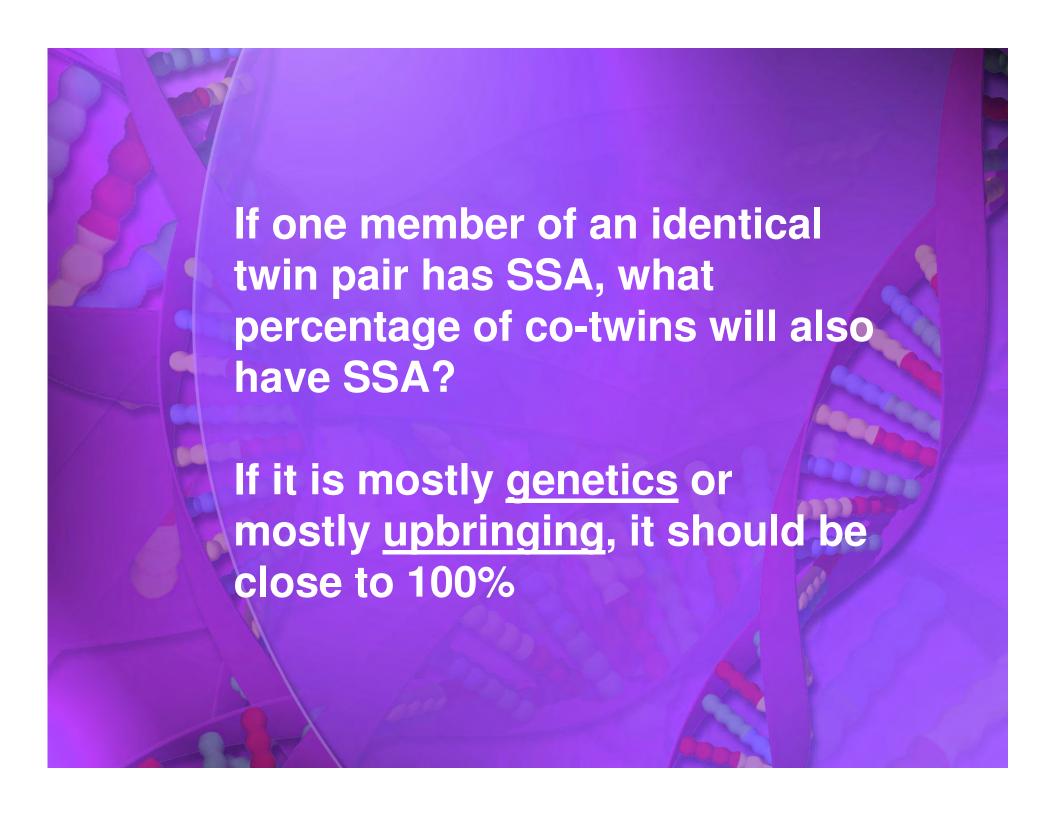


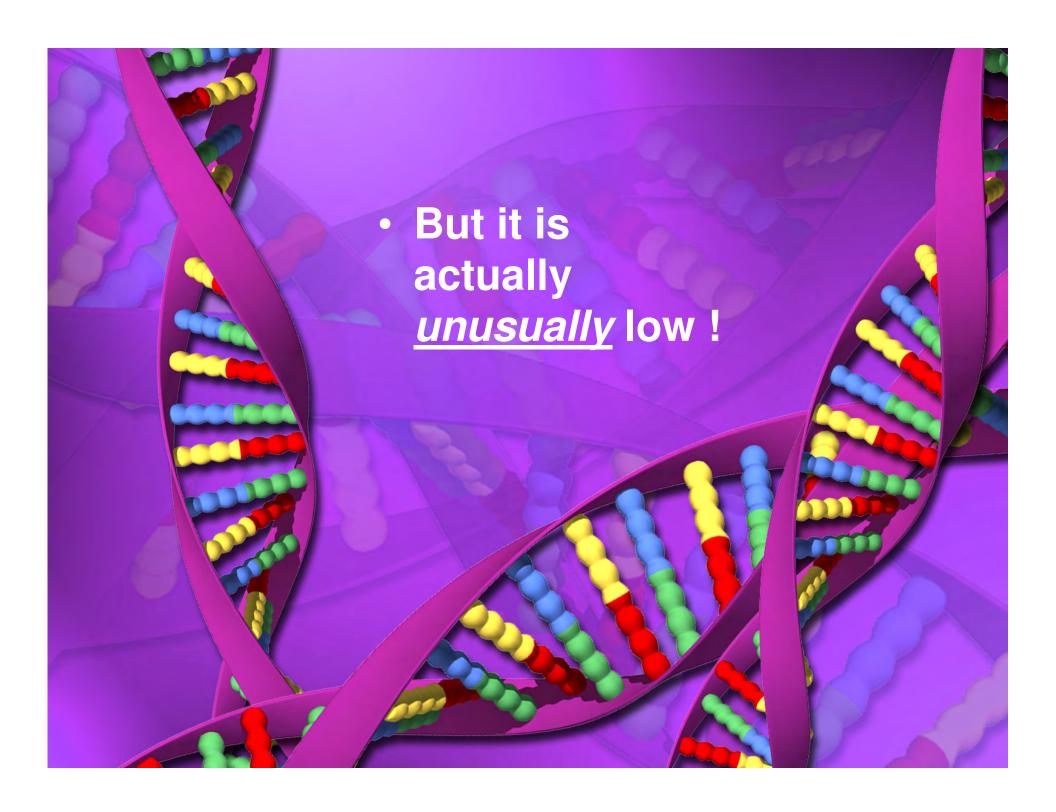


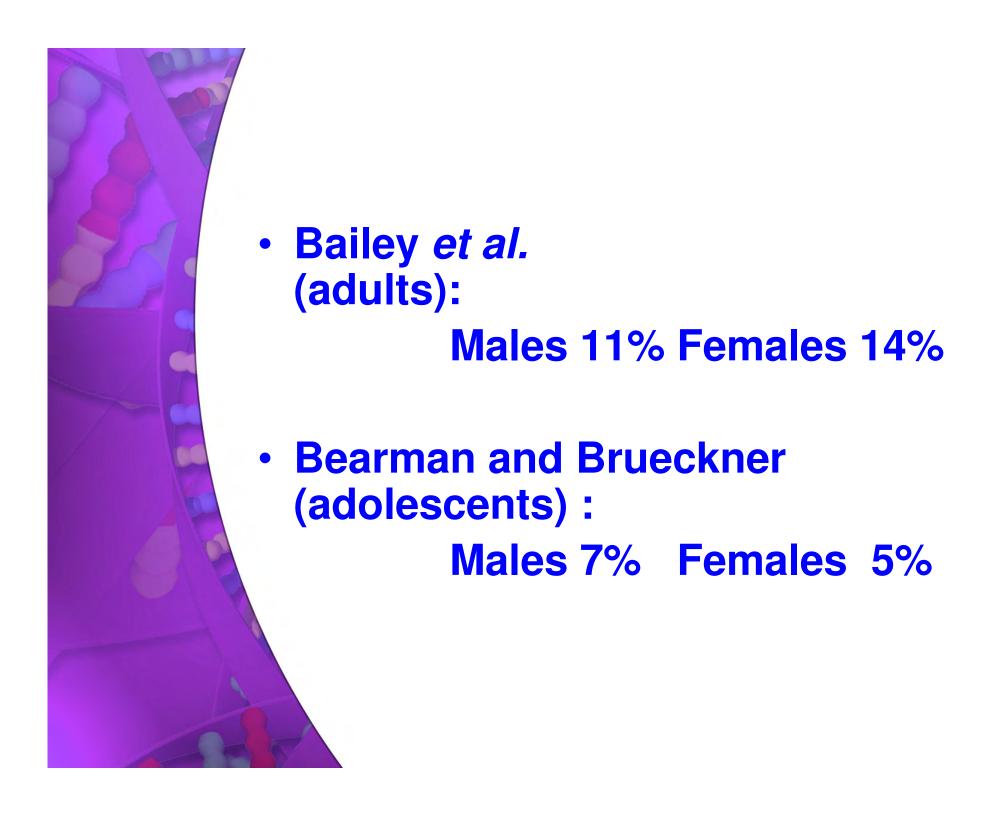






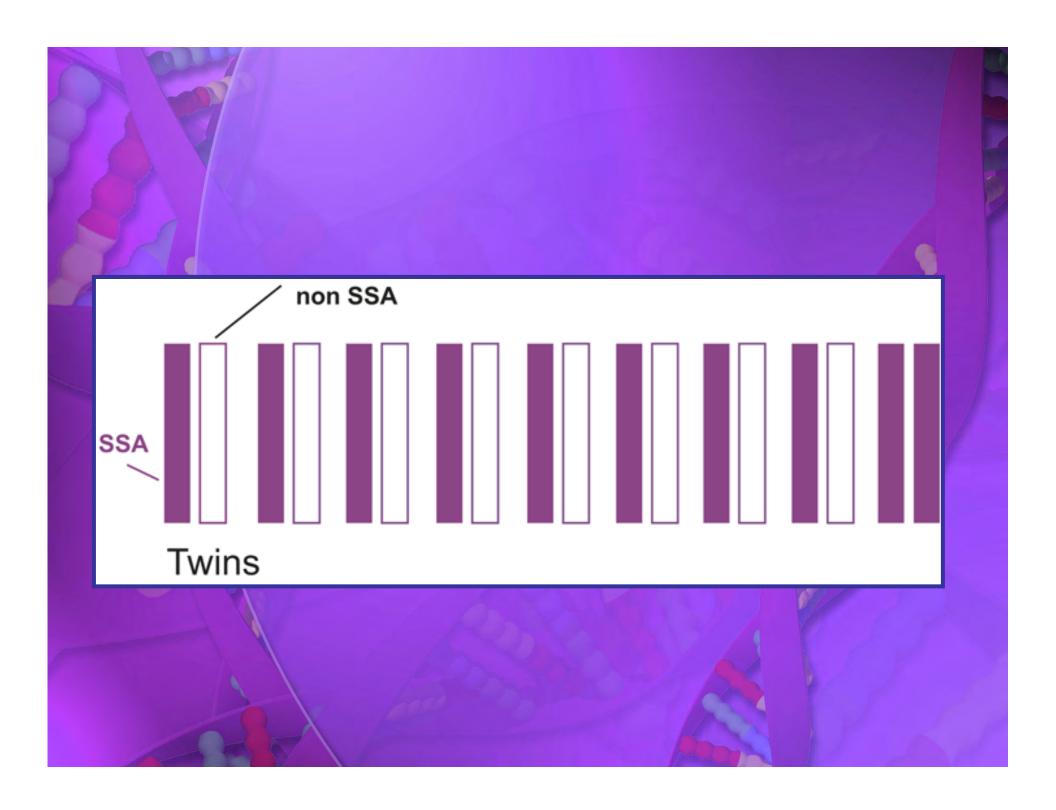


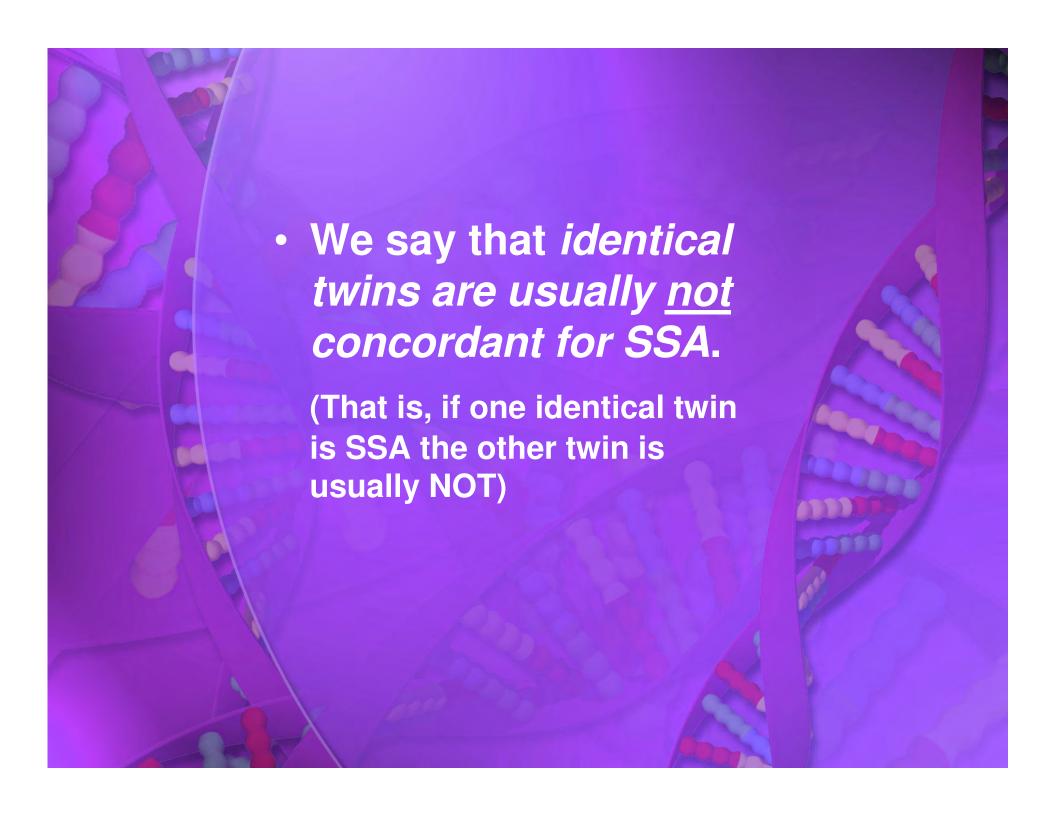




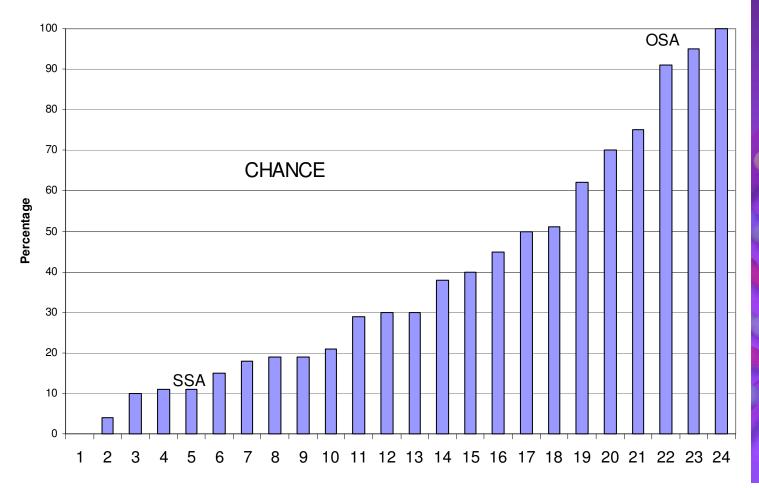


 This is probably the lowest twin concordance for any behavioral trait ever measured

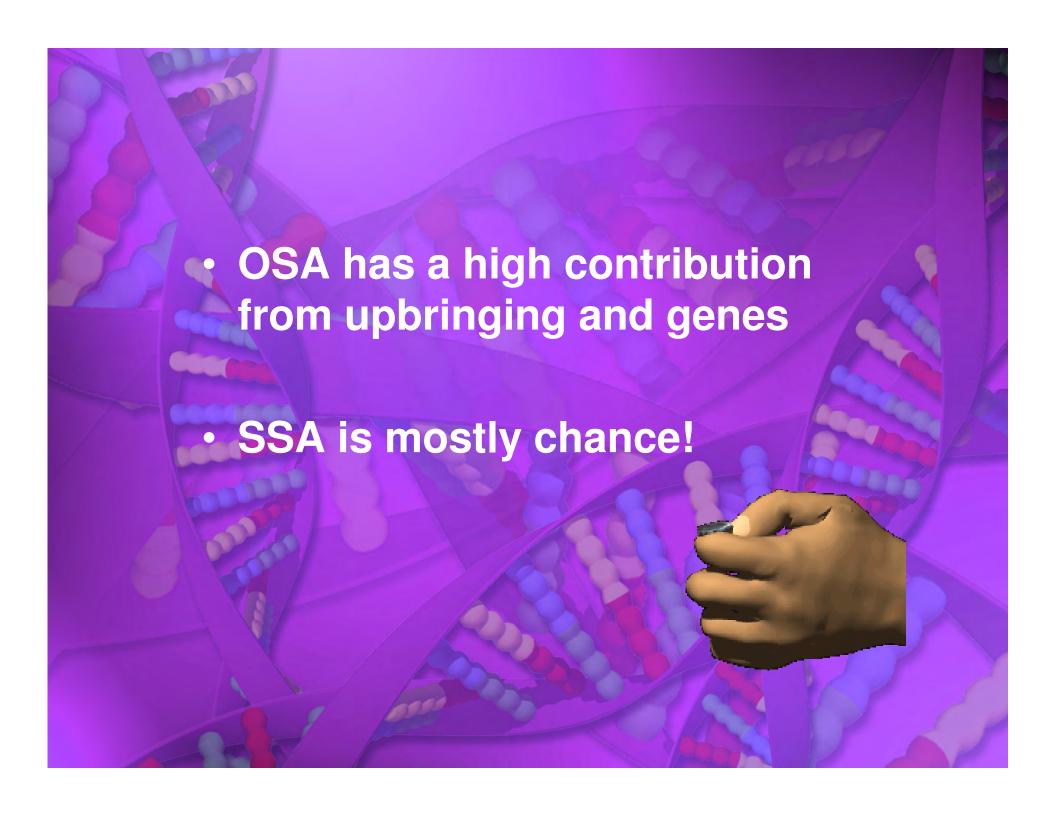








1 Lung Cancer, 2 Criminality, 3 Stroke, 4 Breast Cancer, 5 Same Sex Attraction, 6 Leukemia, 7 Malformation, 8 Alzheimer's, 9 Ulcerative Colitis, 10 Rheumatoid Arthritis, 11 Alcoholism, 12 Schizophrenia, 13 Depression, 14 Suicide attempt, 15 Diabetes type I, 16 Divorce, 17 Crohn's disease, 18 Asthma, 19 Hypertension, 20 Co twin is best friend, 21 Diabetes type II, 22 Autism, 23 Opposite Sex Attraction, 24 Phenylketonuria

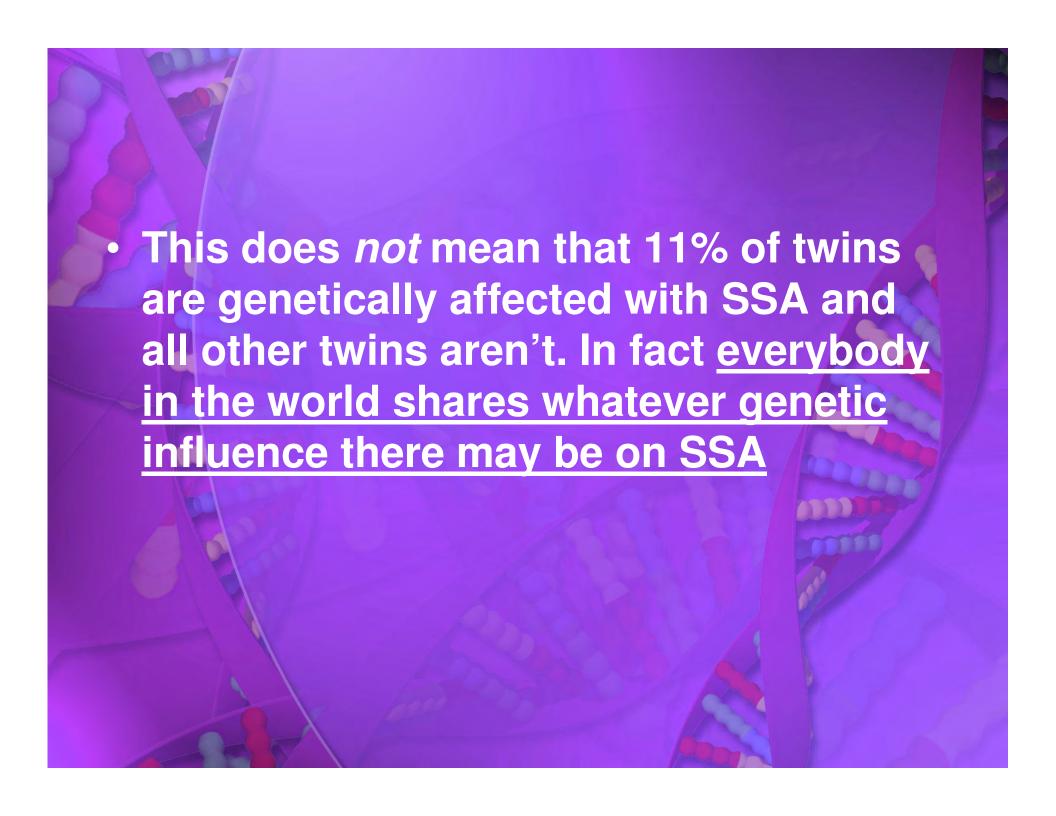


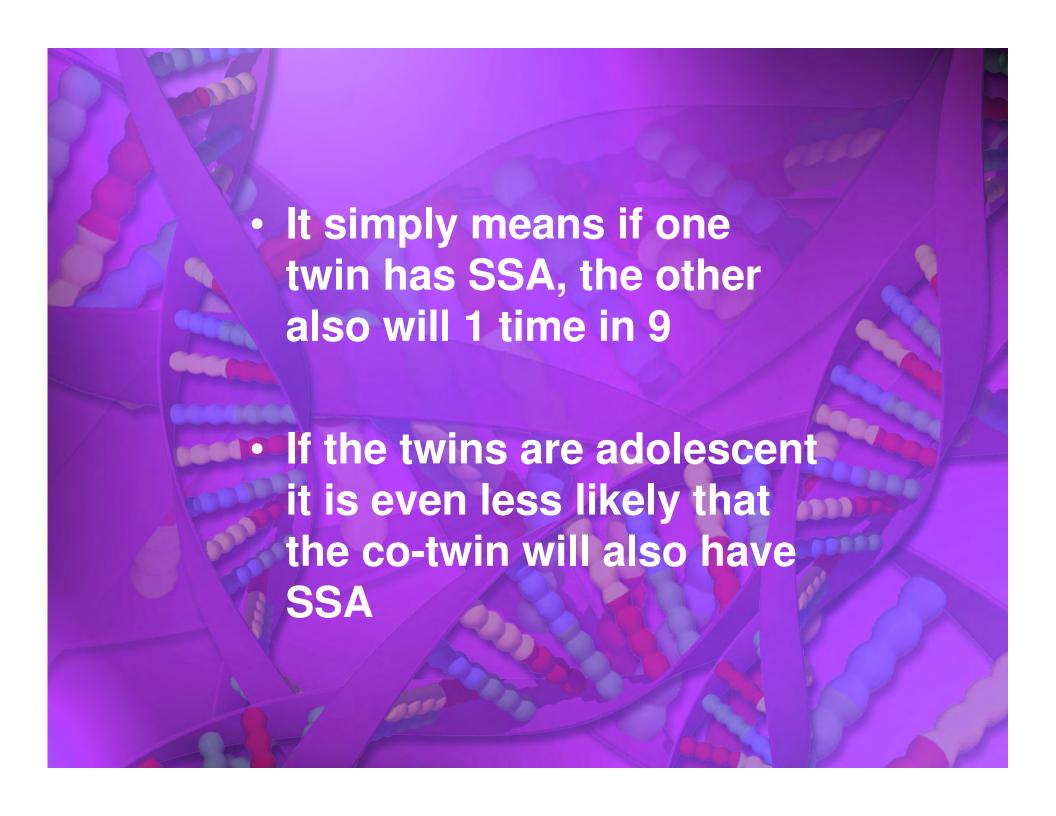


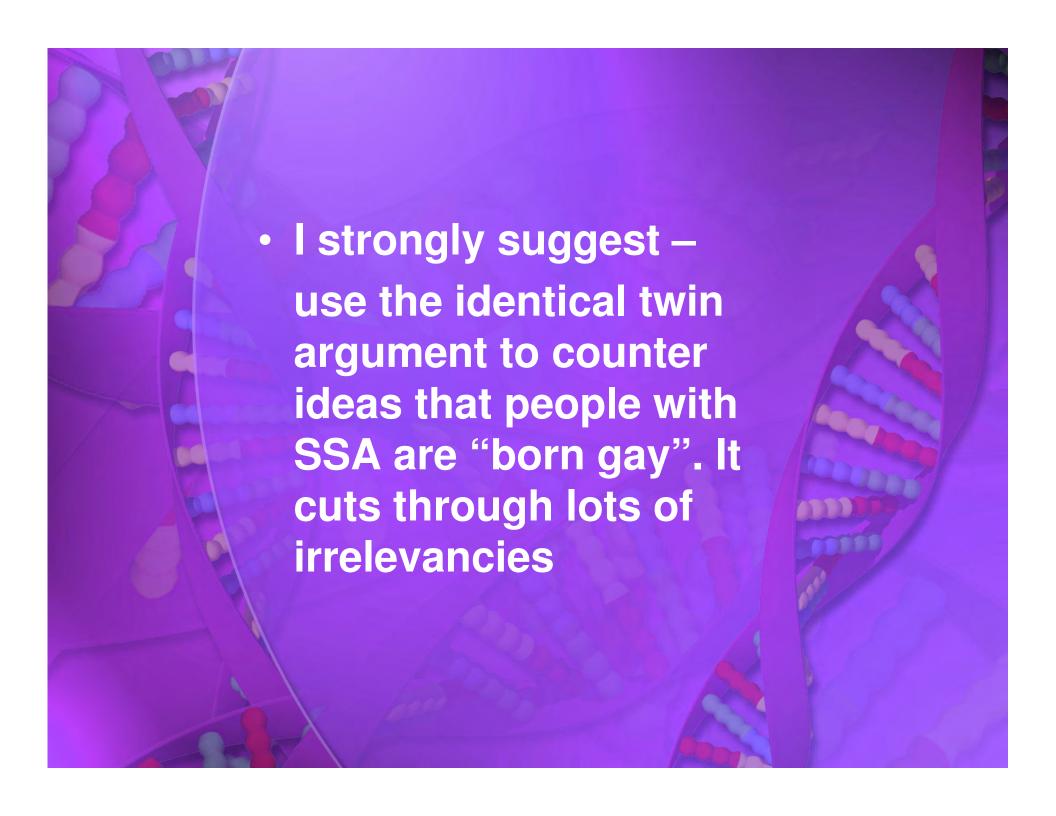
Prevalence of twins with SSA

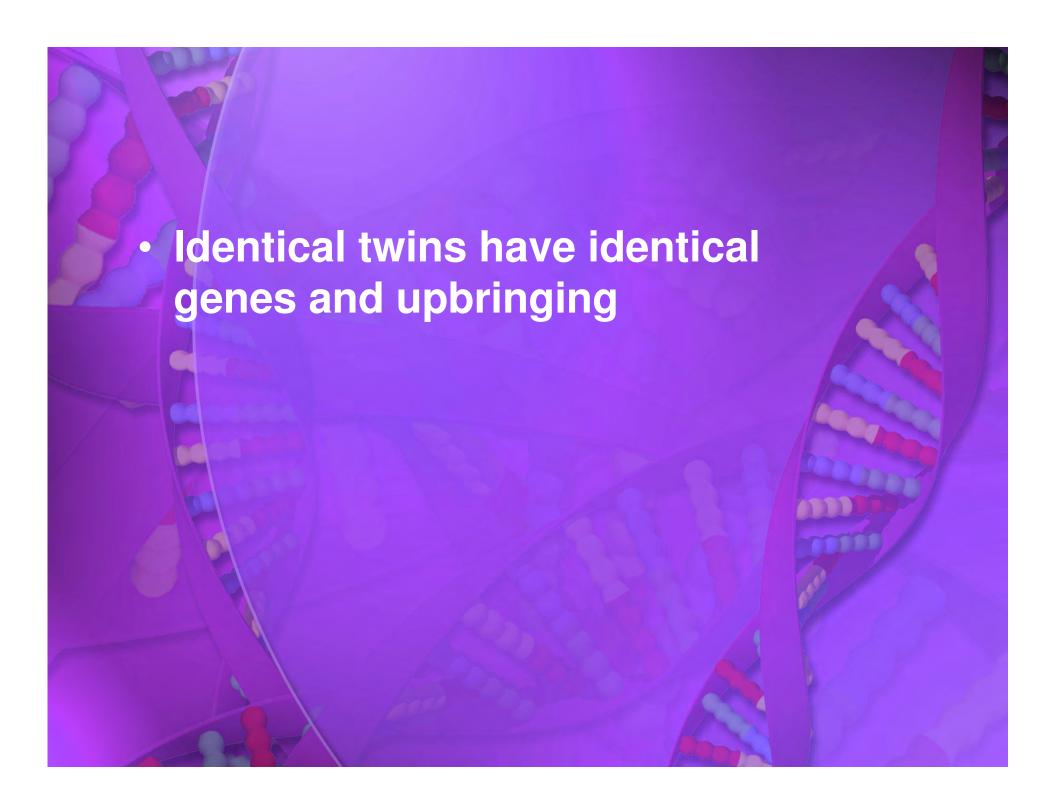
one pair of twins

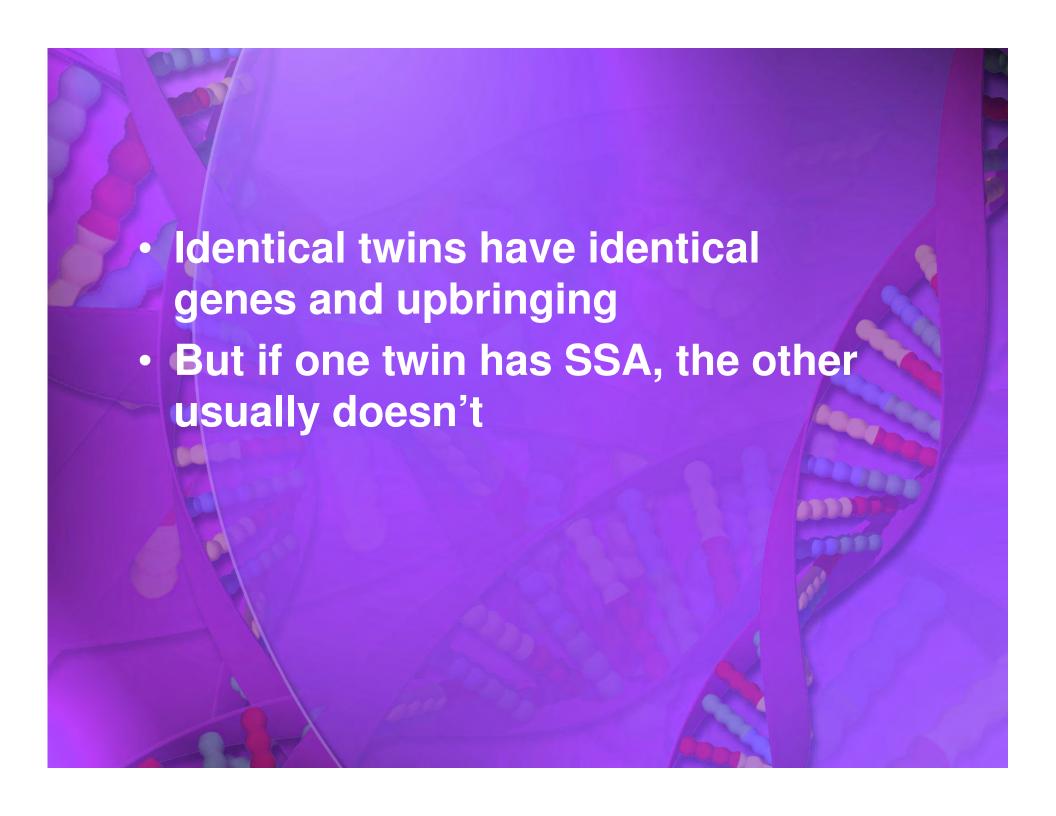
100 twin pairs, 200 individuals

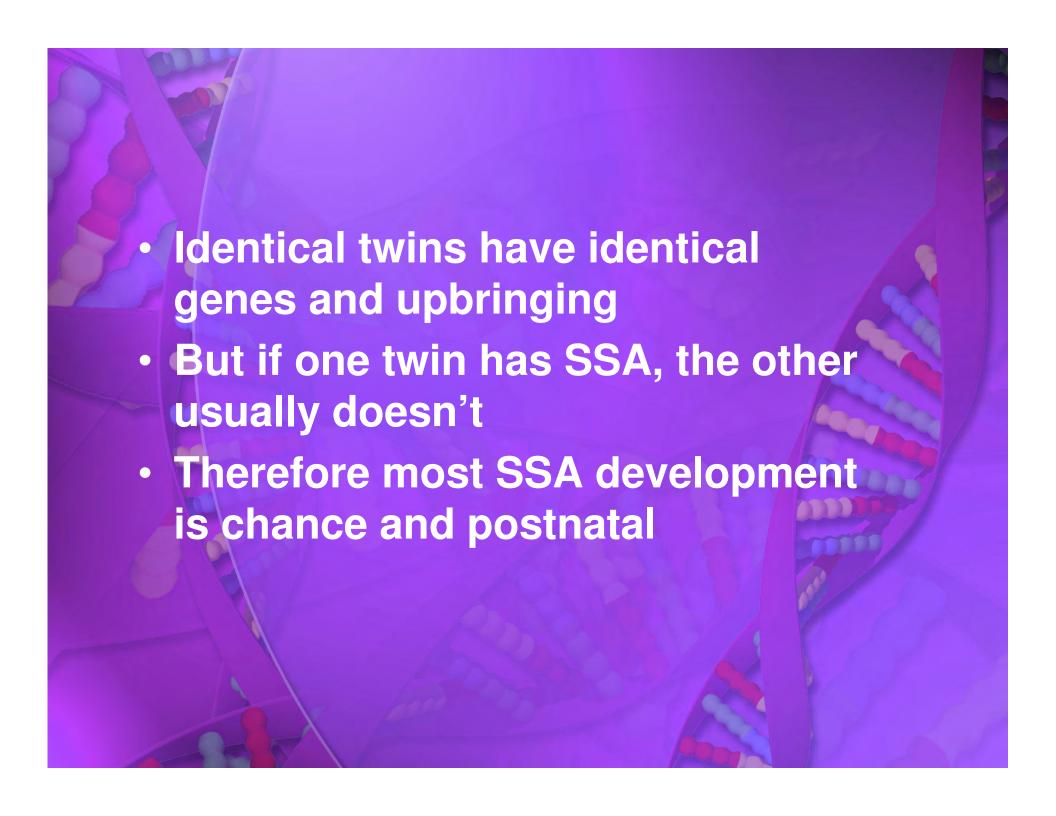


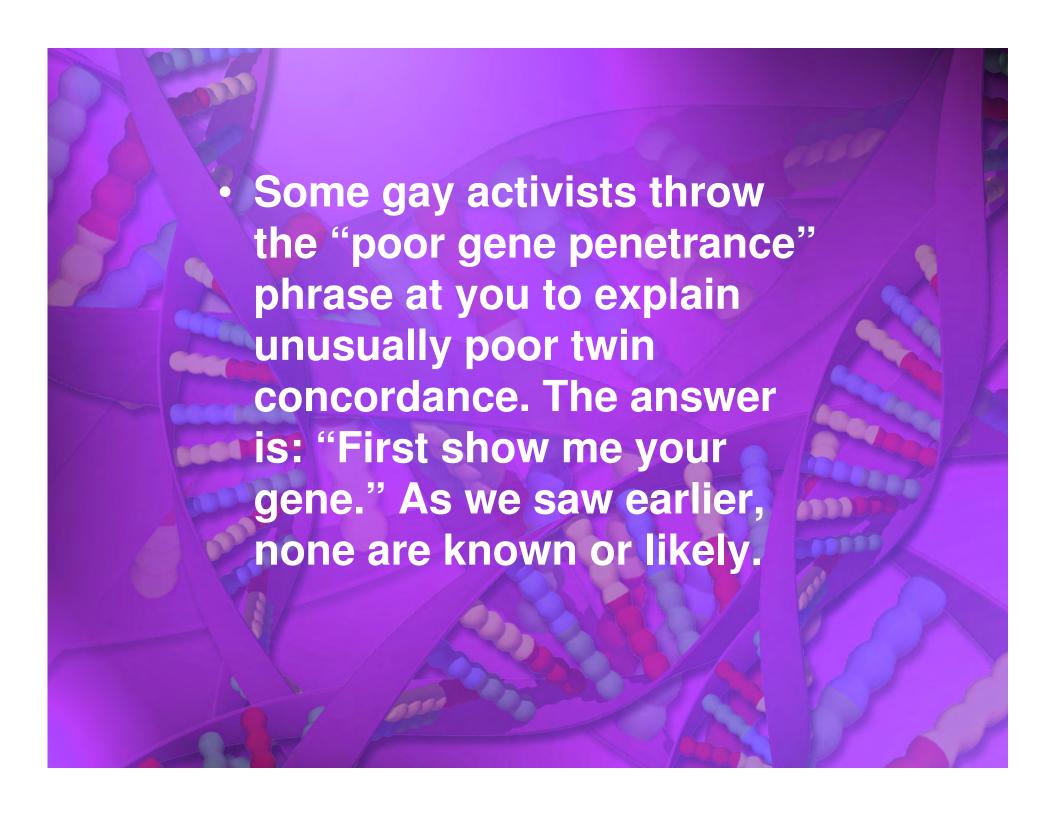


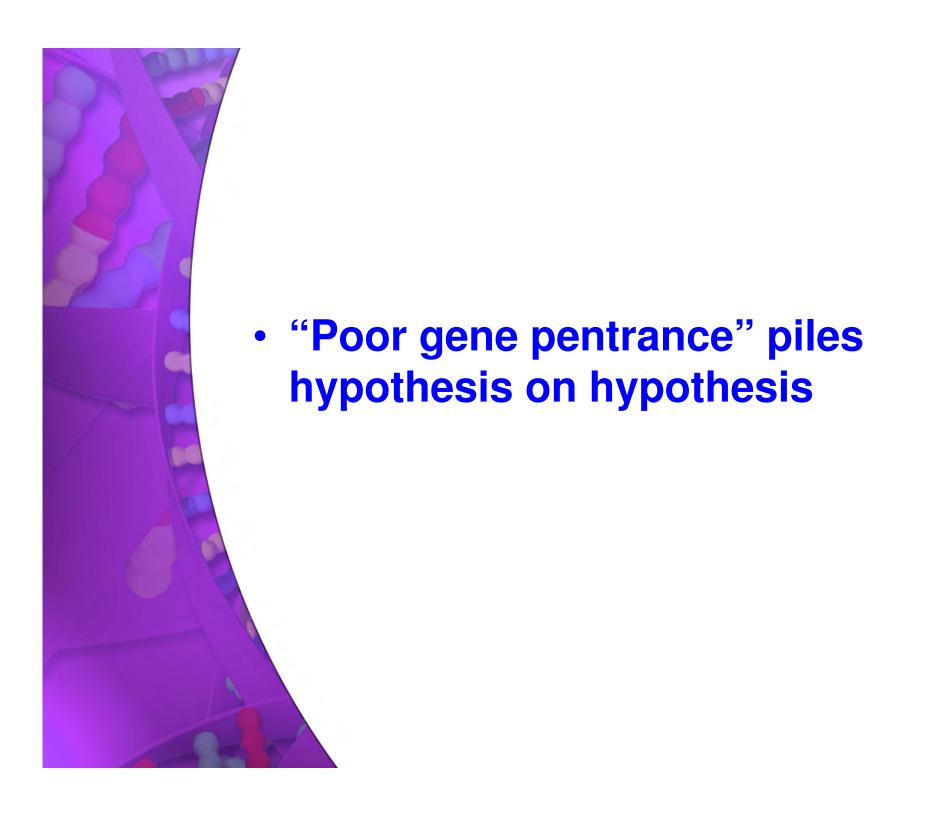






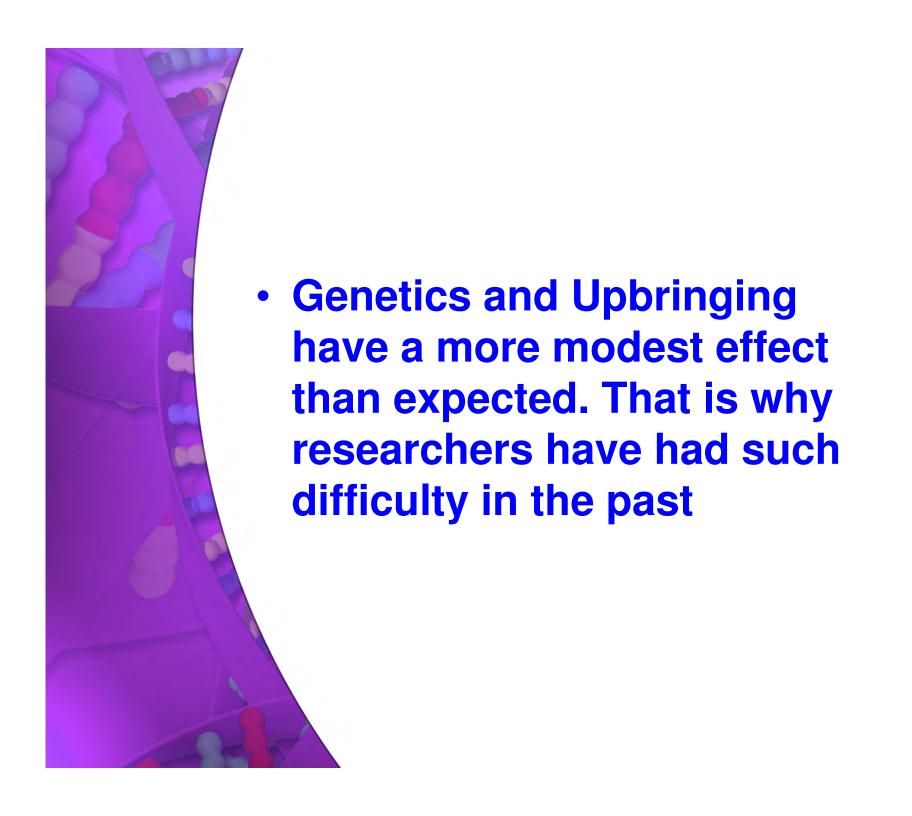






You could say:
 "Come back
 when a gene is
 found, and then
 we'll argue about
 penetrance."



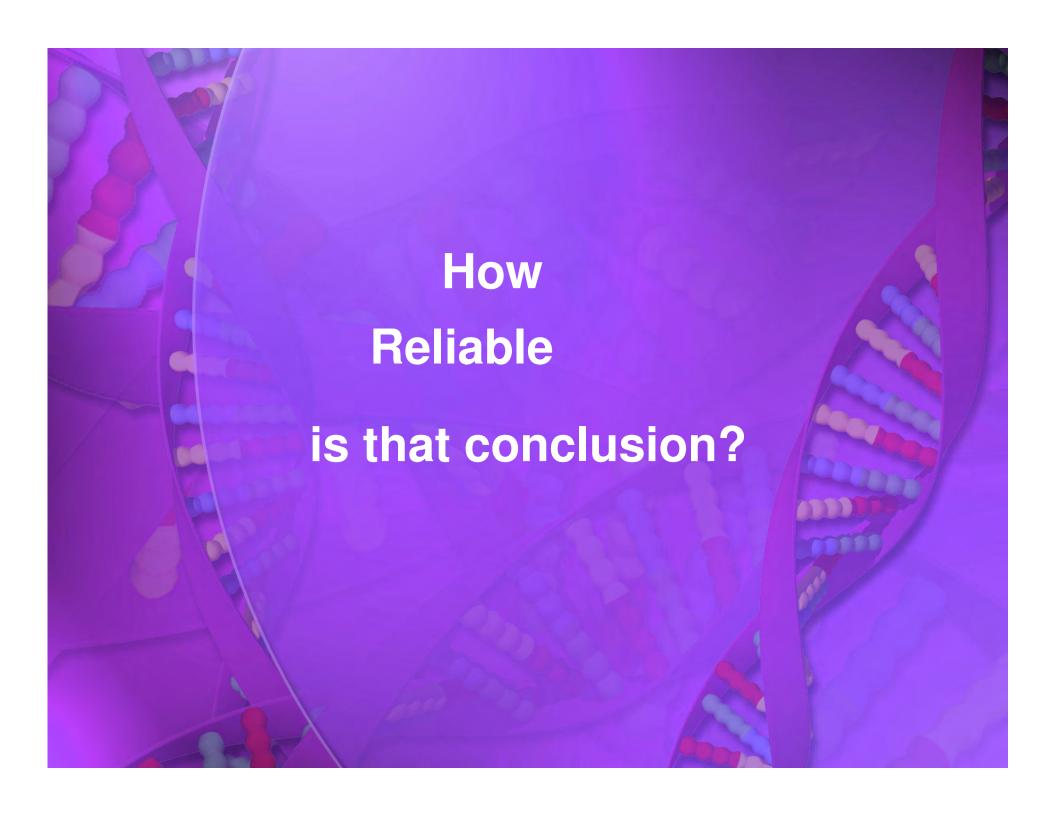


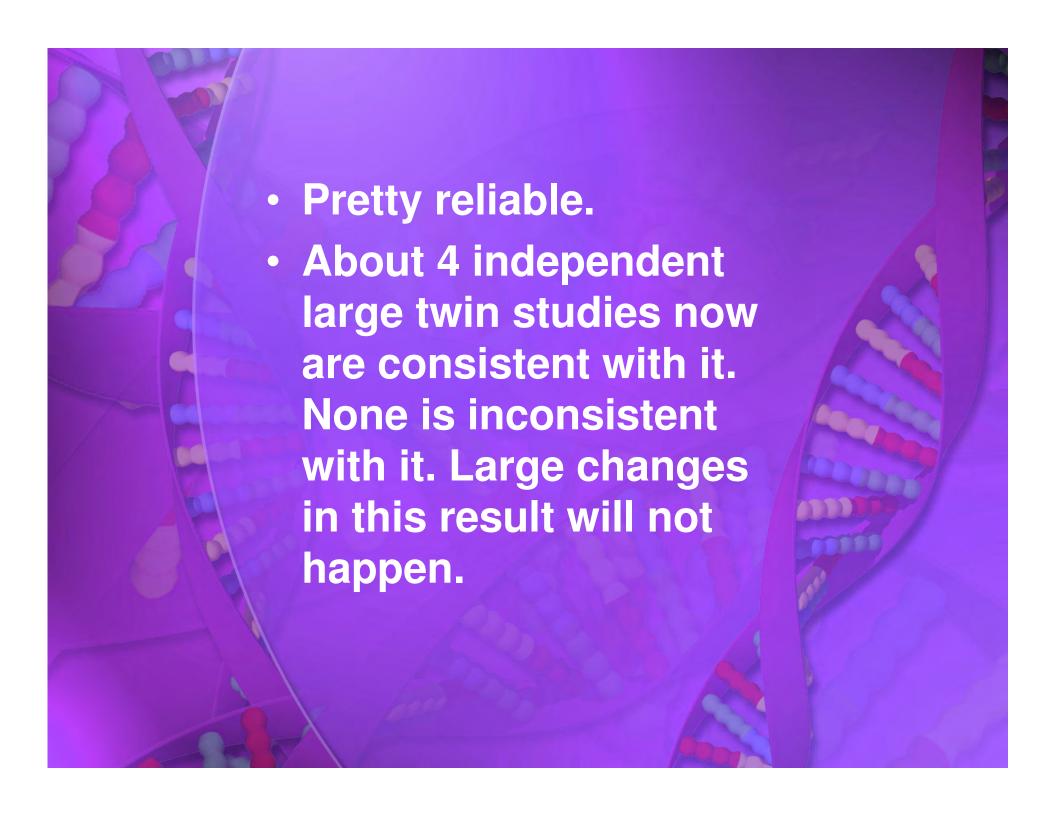
 So – to answer the ageold question – is SSA nature or nurture?

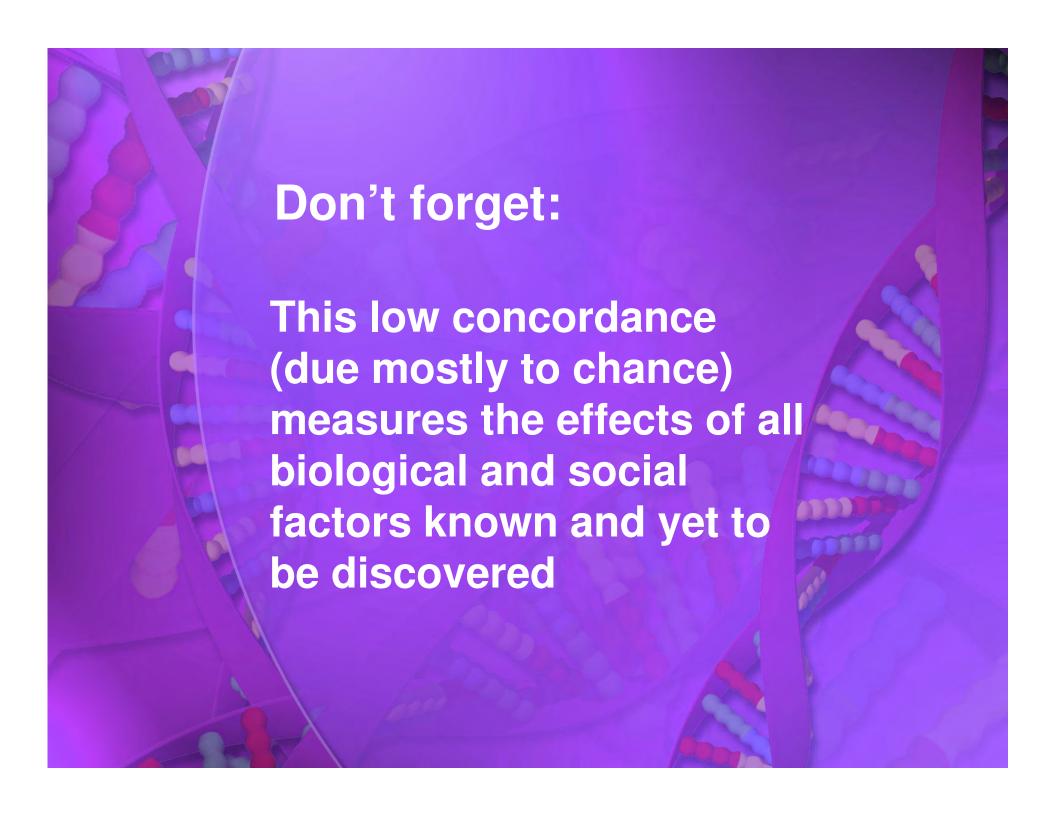
The answer is:

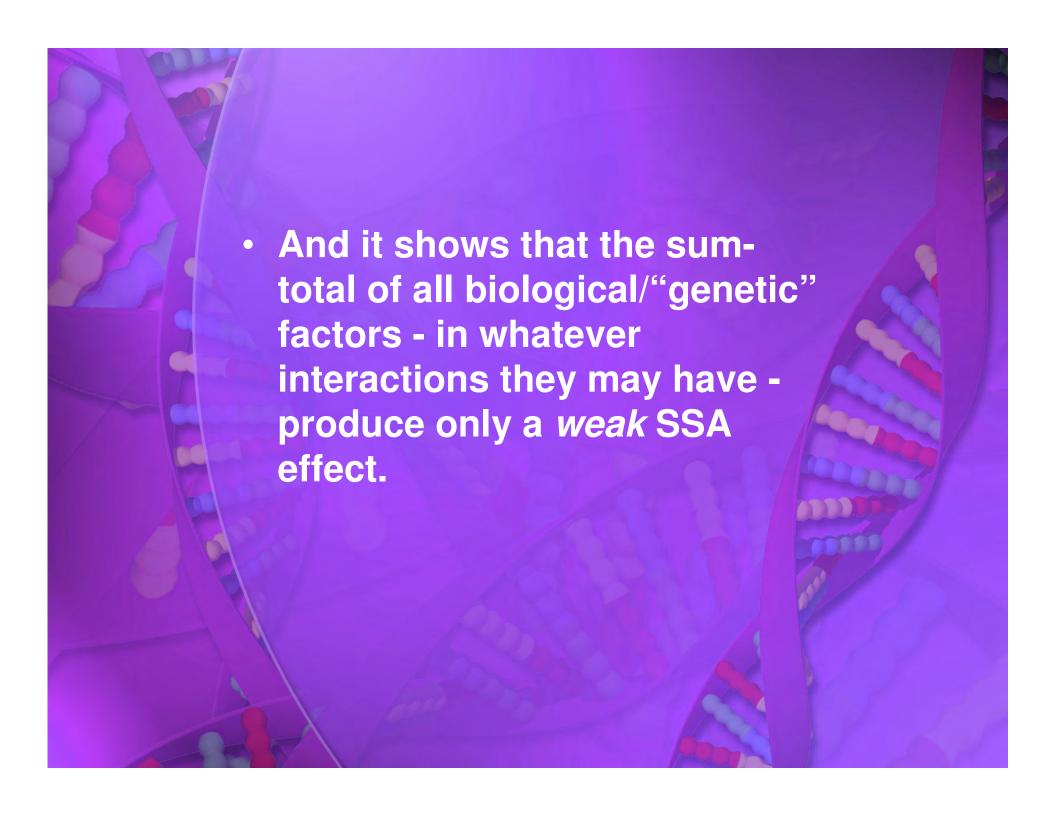


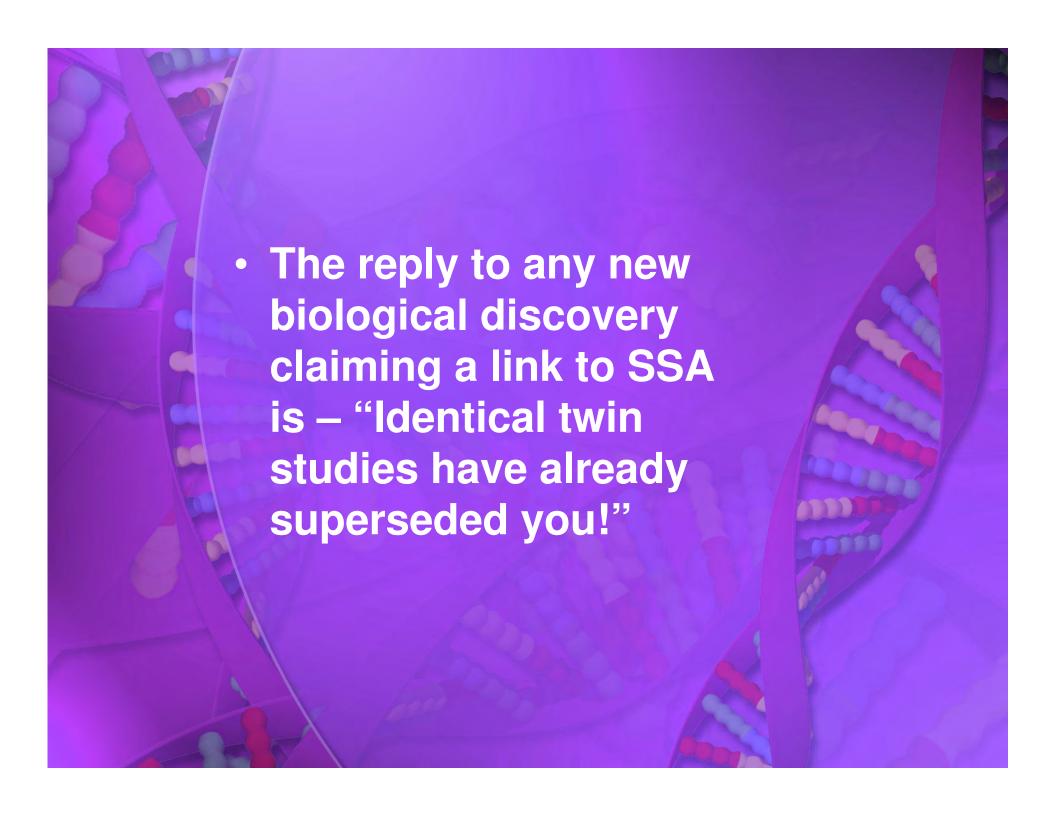




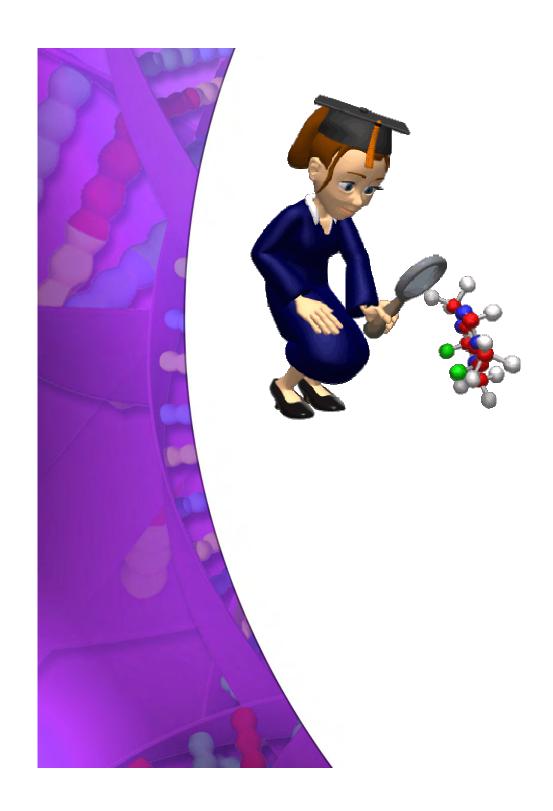






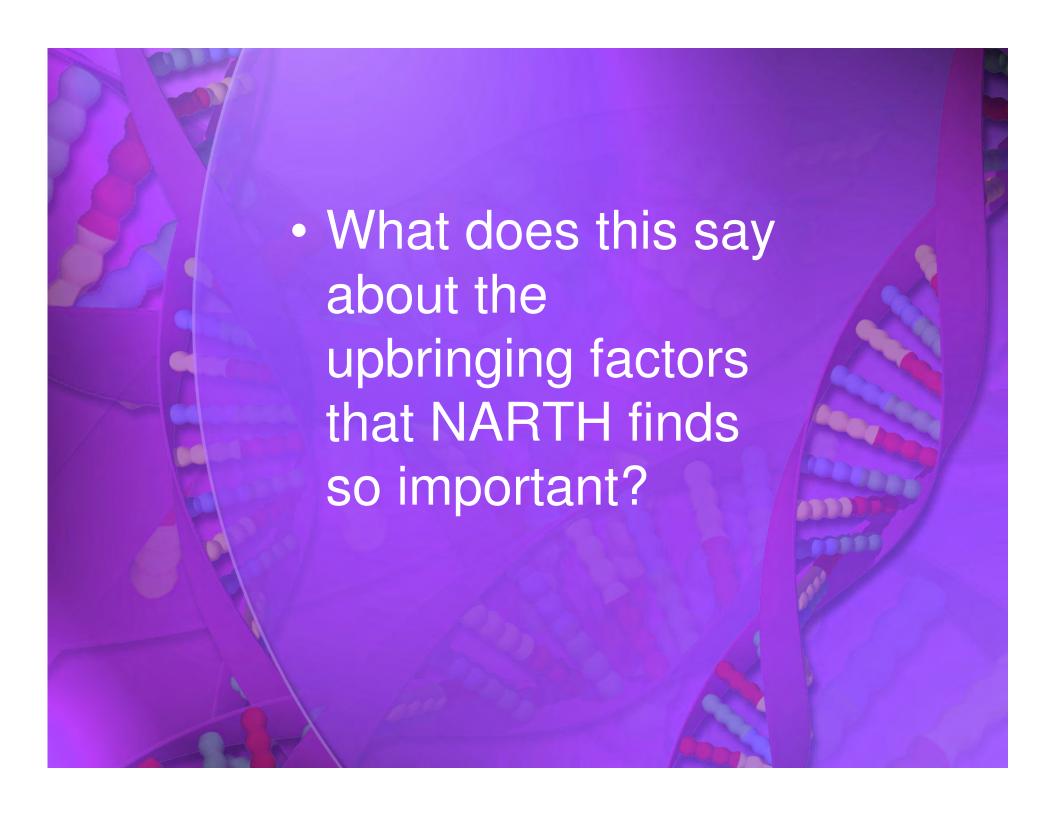


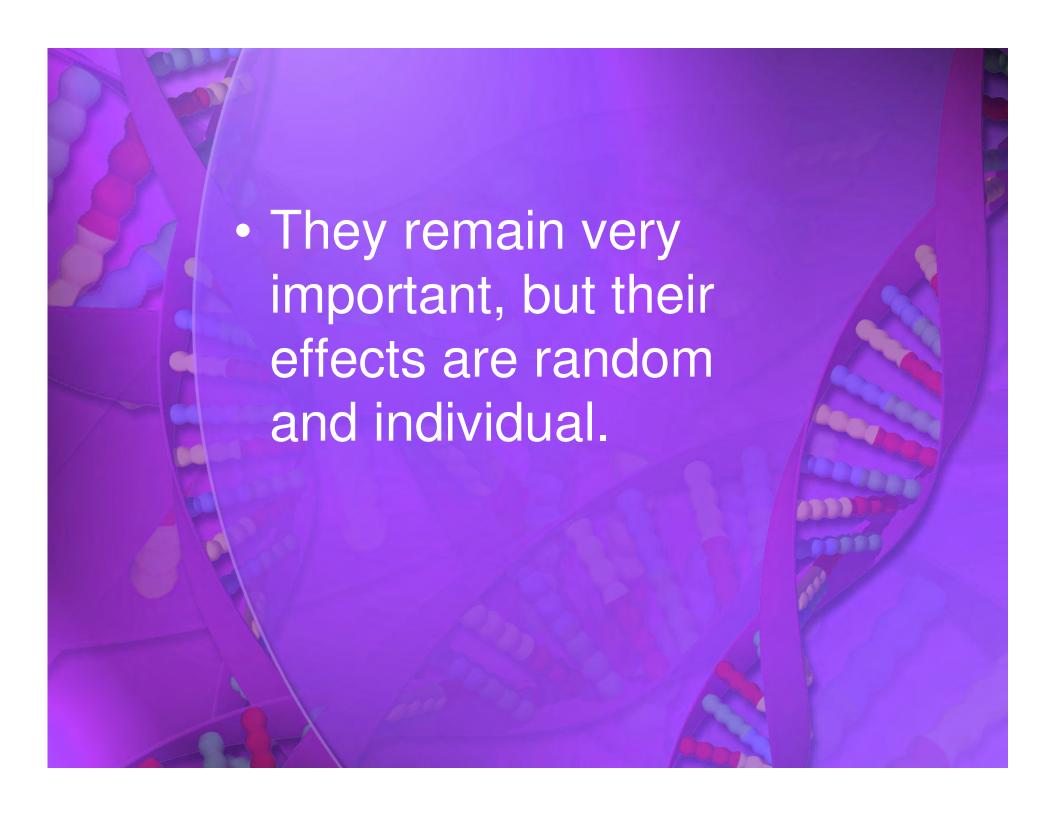


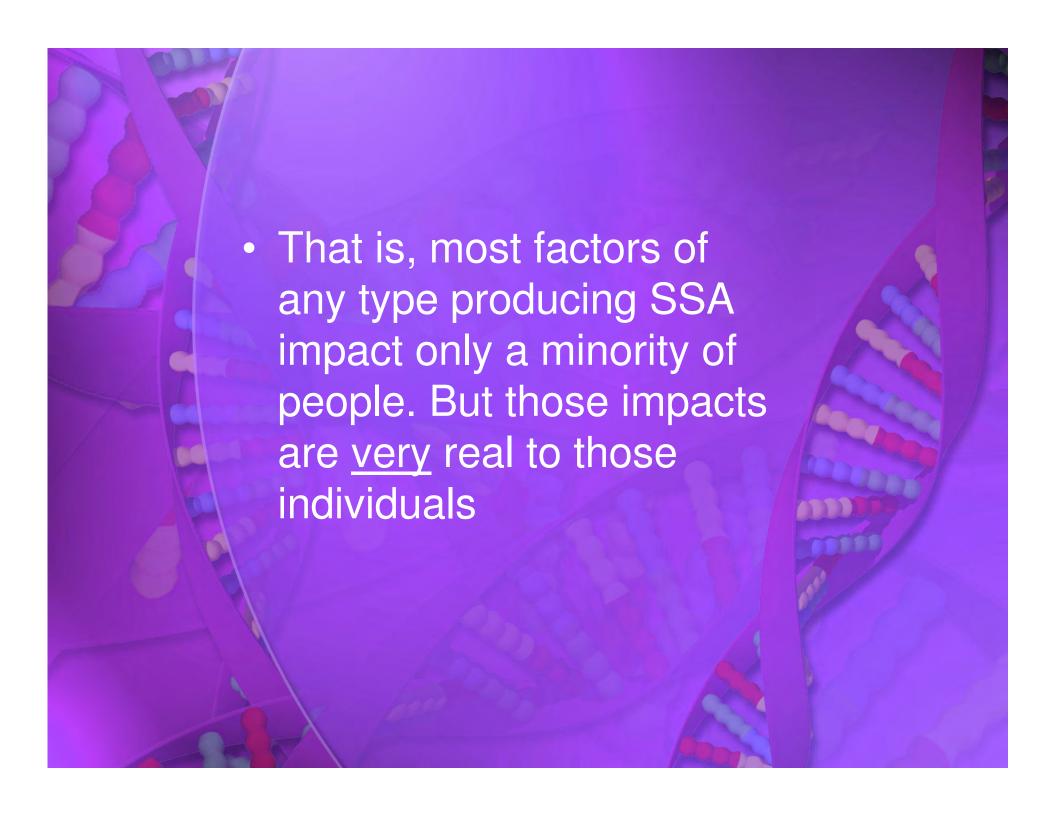


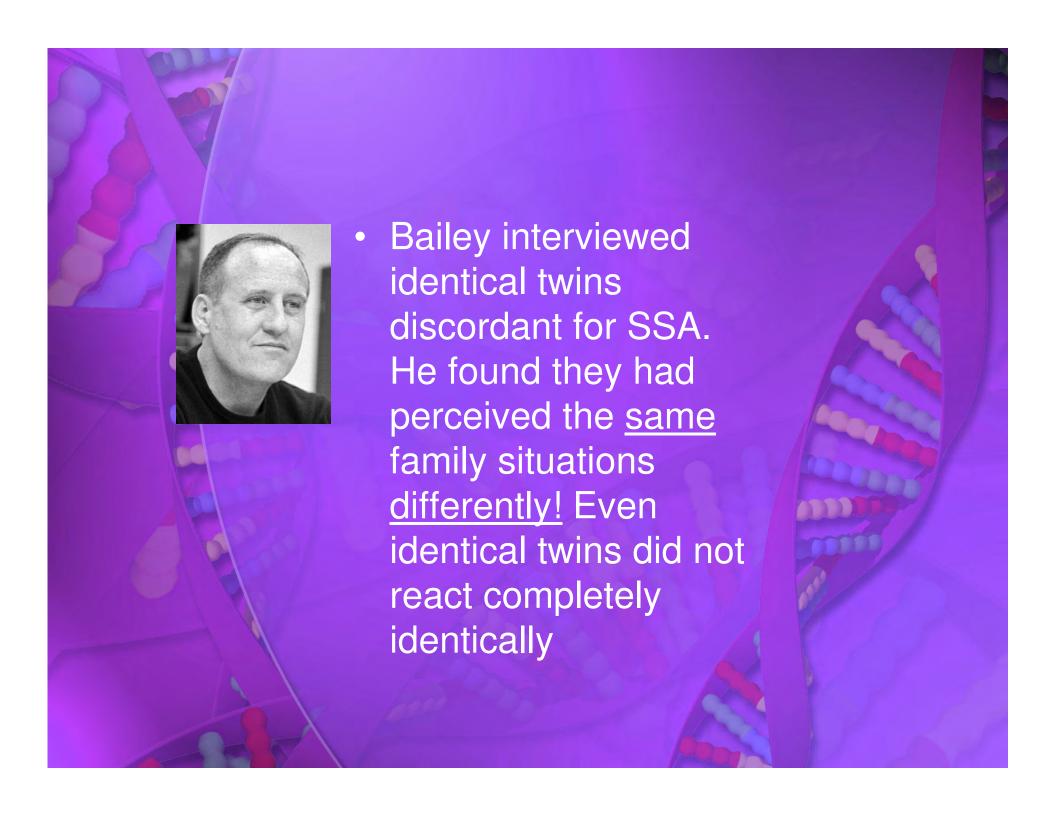
Any claimed biological influence, in any future research, will have only a weak & indirect effect on SSA development

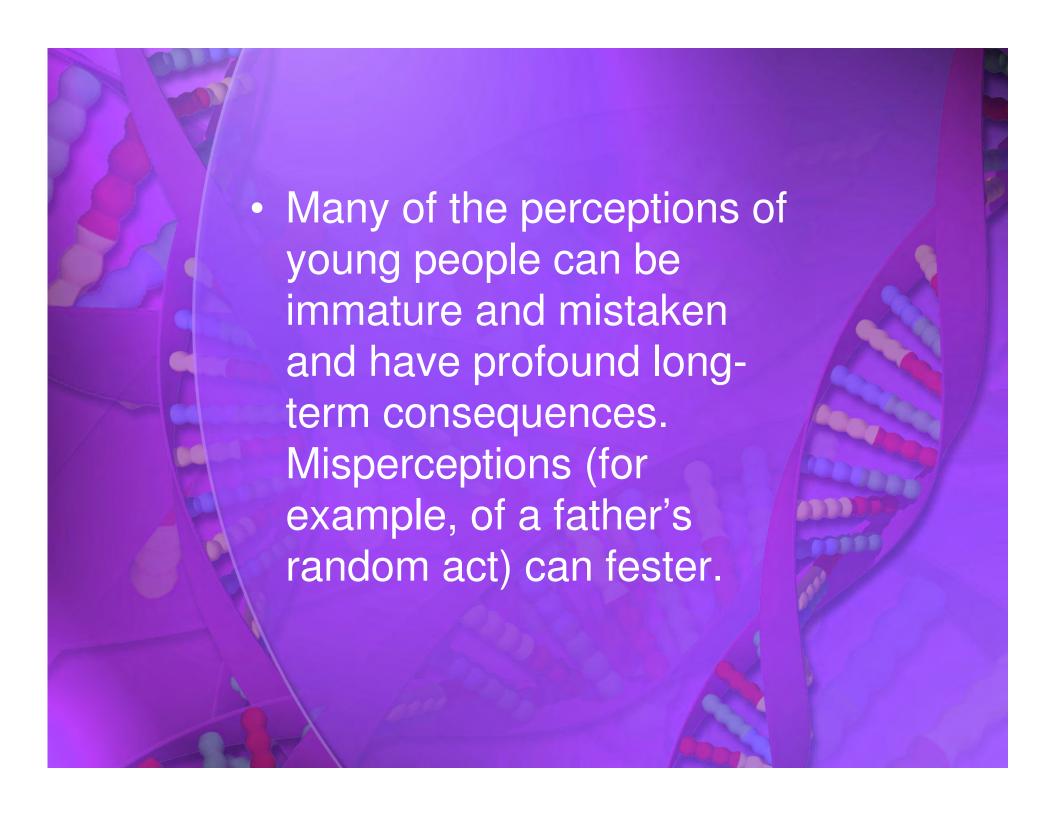




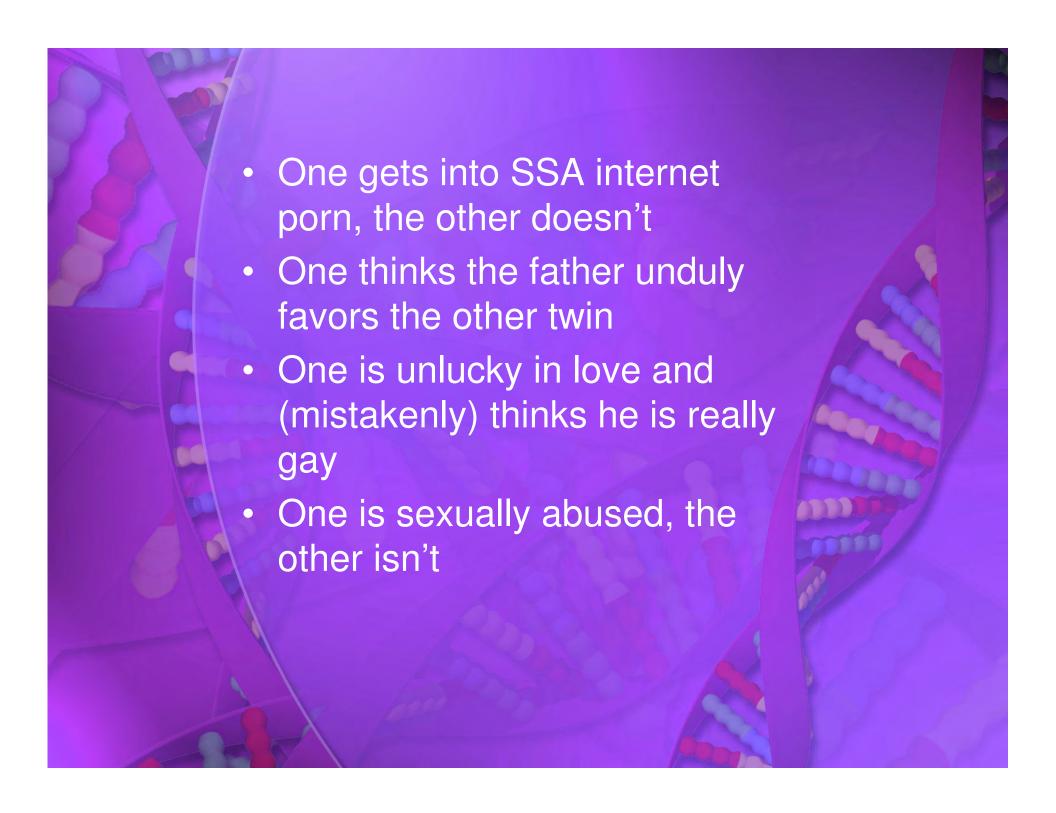




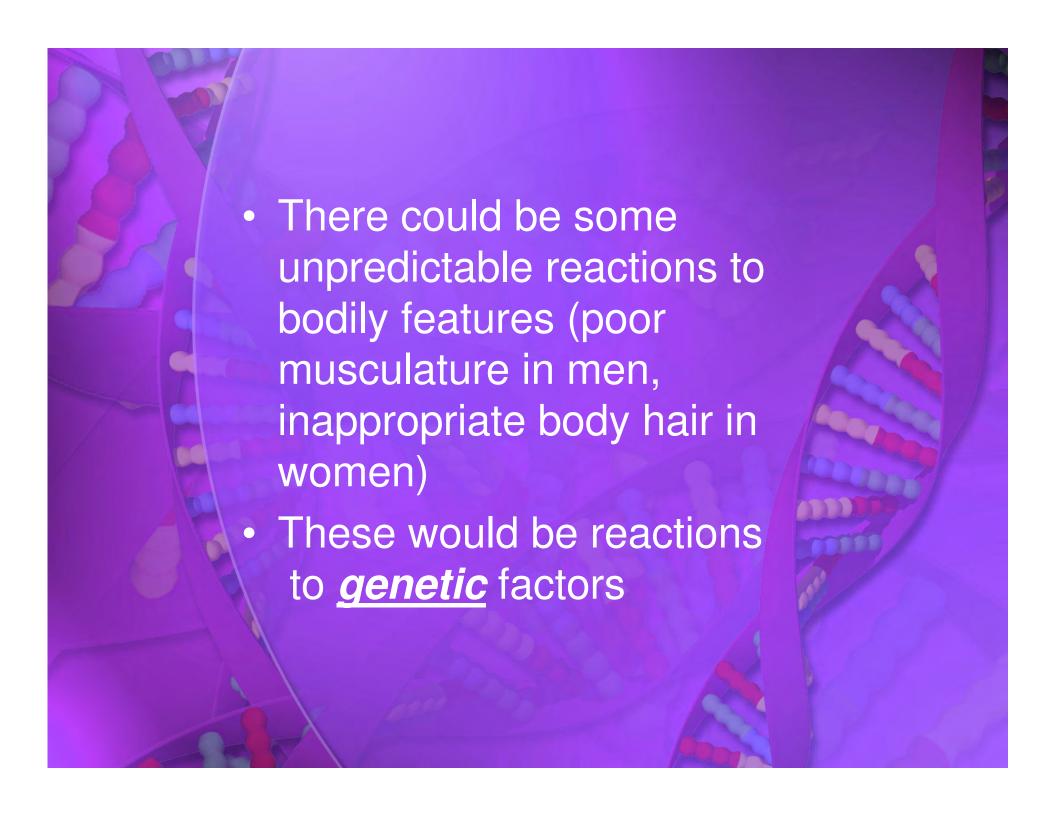


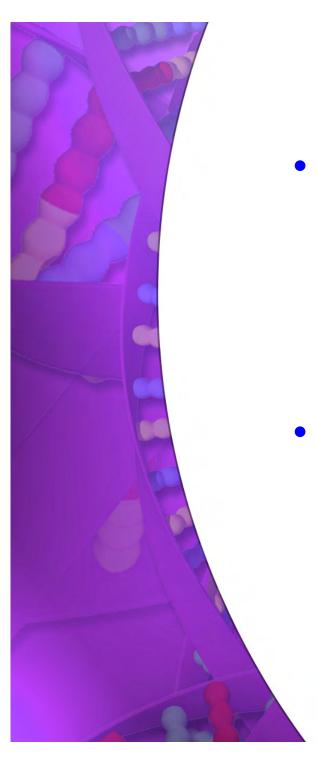












- NARTH is right to say many social factors are important in the development of SSA – indeed they may be critical.
- But the sociology says that most people brush off those factors – while a few deeply affected by them go on to develop SSA



