

The background features a dark blue gradient with a subtle pattern of white stars. On the left side, there are several technical diagrams in a lighter blue color. These include circular gauges with numerical scales (140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260) and various circular arrows indicating clockwise or counter-clockwise rotation. Some diagrams consist of concentric circles, while others show partial arcs or dashed lines.

SEMINAR ON SEXUAL APOLOGETICS

STEVE WILLING

AGENDA

- Introduction: The Top Ten Myths of the Sexual revolution
- Week 2: Why sexual apologetics? The state of the Church
- Week 3: Defending Biblical sexuality to professing believers
- **Week 4: Scientific support for the Genesis paradigm**
- Week 5: Victims of the sexual revolution
- Week 6: Homosexuality, Transgenderism, and other variants
- Week 7: How we got here, where we're headed, what we can do

RESOURCES

- Weekly notes and PowerPoint at www.swilling.com
- Contact: steve@willing.org
- Christian Medical & Dental Association
- National Review
- Breakpoint
- The Public Discourse
- Recommended readings

“MALE AND
FEMALE
CREATED HE
THEM”

STEVEN J WILLING, MD, MBA



“

So God created man in His *own* image; in the image of God He created him; male and female He created them.

”

Genesis 1:27

INFORMED BY
GENESIS

1. Gender differences are innate
2. Humans designed for lifelong monogamy, and celibacy apart from marriage
3. We are broken, and acting against our created nature leads to harm on many levels

The background is a dark blue gradient with a subtle pattern of white dots. On the left side, there are several overlapping circular elements. A prominent feature is a large circular scale with tick marks and numerical labels (140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260) arranged in a semi-circle. Other circles include solid and dashed lines, some with arrows indicating direction, and some with partial segments. The overall aesthetic is technical and scientific.

GENDER DIFFERENCES

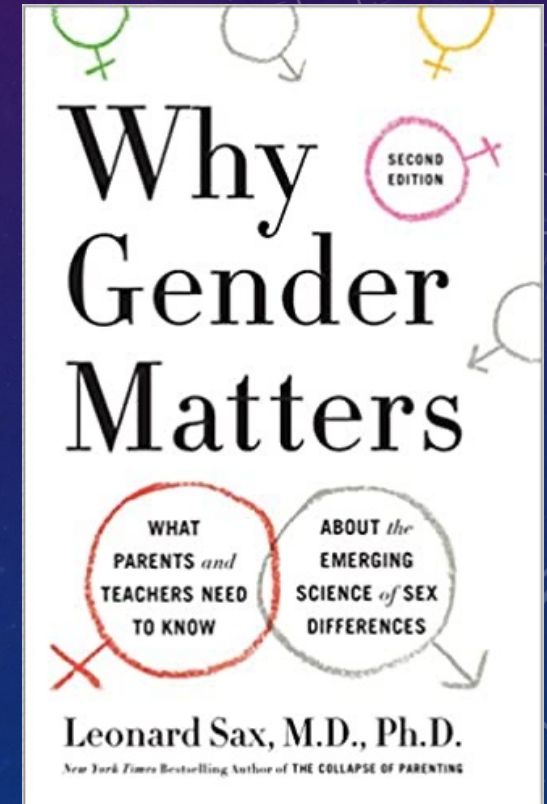
PART 1

IS GENDER A SOCIAL CONSTRUCT?

- *“On ne naît pas femme, on la devient” Simone de Beauvoir (1908-1986)*
- *“Most of the differences we observe between girls and boys are socially constructed” Henry Gleitman, psychologist at U Penn*
- *“Our current notions of masculinity and femininity are cultural conceits” Anne Fausto-Sterling, Brown U*
- *“There is no sense in talking about male and female nature” Daphna Joel, Tel Aviv University, 2015*
- John Money, Reimer twins. Founded Gender Identity Clinic at Johns Hopkins, pioneer of the field

MALE-FEMALE DIFFERENCES

- Hearing
- Smell
- Risk-taking
- Aggression
- Learning style
- Friendships
- Response to babies
- Sex drive
- Attitudes toward sex
- Empathy vs systems orientation





Testing the Empathizing–Systemizing theory of sex differences and the Extreme Male Brain theory of autism in half a million people

David M. Greenberg^{a,1,2}, Varun Warriar^{a,1}, Carrie Allison^a, and Simon Baron-Cohen^{a,2}

^aAutism Research Centre, Department of Psychiatry, University of Cambridge, Cambridge CB2 8AH, United Kingdom

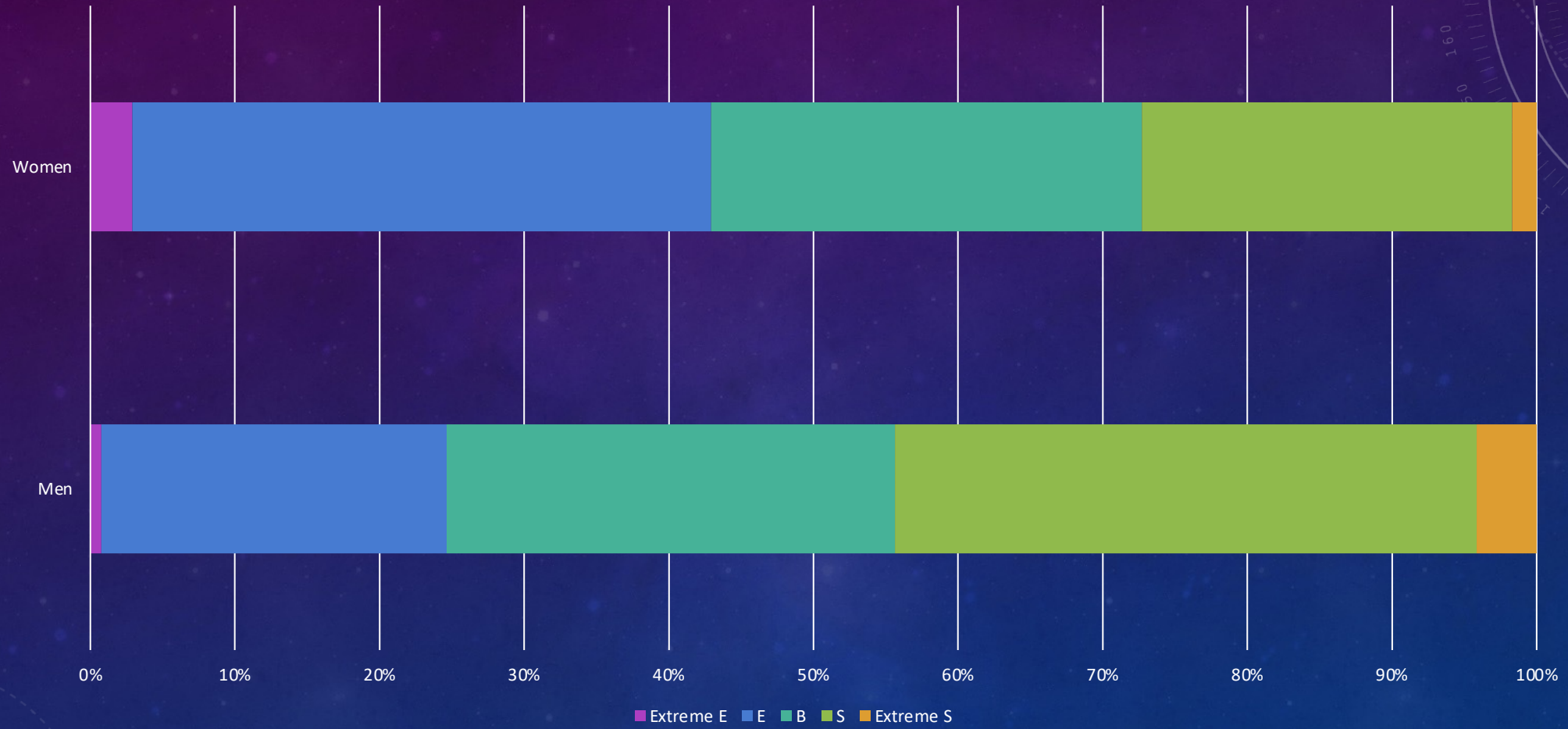
Edited by Leda Cosmides, University of California, Santa Barbara, CA, and accepted by Editorial Board Member Michael S. Gazzaniga September 27, 2018 (received for review June 27, 2018)

Largest ever study examining sex differences (n>670,000)

Females higher in Empathy Quotient (EQ)

Males higher in Systems Quotient (SQ)

Brain types: Female versus Male



MALE AND FEMALE BRAINS?

- *Function, not structure*
- Hormonal influences (CAH-afflicted females)
- Testosterone, Androgen receptors, CAG codon



JOURNAL OF
**Neuroscience
Research**

January/February 2017 ■ Volume 95, Numbers 1-



JANUARY 2017

“The notion that sex matters fundamentally, powerfully, and pervasively for *all* of neuroscience (not just for reproduction) is an idea whose time indeed has come.” Larry Cahill, Editor



An Issue Whose Time Has Come: Sex/Gender Influences on Nervous System Function
Guest Editor: Larry Cahill

WILEY

IMPORTANT CAVEATS

- Both masculine and feminine personae exist along a continuum
- Some gender *roles* indeed are socially and culturally determined
- Significant overlap is inevitable but varies with trait
- Many gender differences actual *decrease* with age and experience

BIBLICAL MARRIAGE AND SEXUALITY

PART 2



BIBLICAL SEXUALITY

- Incorporated into human design (“natural law”)
- Lifelong, heterosexual monogamy
- Celibacy outside of marriage

MARRIAGE & SEXUALITY

- Diversity
- Complementarity
- Interdependence/Exchange
- Procreation

DIVERSITY

“Male and female each have excellencies and glories, perspectives and powers, that the other gender does not have and cannot reproduce.”

PCA Study Committee Report p. 41

WHY COMPLEMENTARITY MATTERS

- Optimal for child-rearing
- Enhances maturity in a healthy relationship
- Incentivizes personal growth
- Optimal for household functioning
- Optimal for long-term happiness and mental health

POSITIVE OUTCOMES OF MARRIAGE

- Higher levels of happiness
- Higher economic prosperity
- Higher level of physical health
- Increased longevity
- Children fare better by every measure

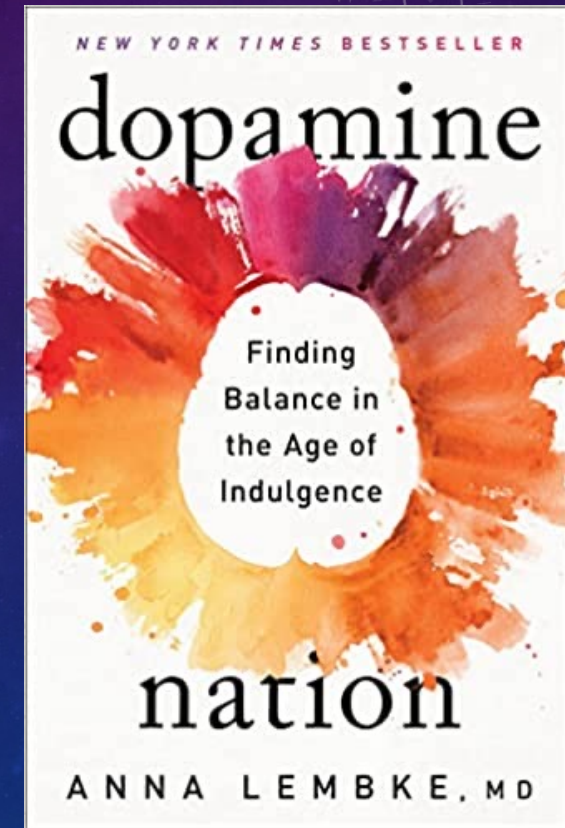
MARRIAGE AND HEALTH

What Do We Know About the Link Between Marriage and Health?
Journal of Family Issues 31(8):1019-1040, 2010

- “Marriage reduces depression”
- “Unmarried adults are more likely to drink, use marijuana, and drive recklessly”
- “Married men and women experience lower mortality at every age relative to those who remain unmarried or lose their spouse through widowhood or divorce”
- “A number of rigorous studies reveal that marriage can also lead to better general physical health and better outcomes for some specific health conditions, including arthritis, hypertension, and heart disease”

NEUROCHEMISTRY OF SEX

- Dopamine
- Oxytocin (primarily females)
- Vasopressin (males)
- Rewires brain
- Self-sustaining



CONSEQUENCES OF THE FALL

PART 3

EMOTIONAL CONSEQUENCES OF NONMARITAL SEX

- Depression
- 1.5-3.5x more likely to consider suicide
- Oxytocin-mediated bonding
- Multiple partners diminish capacity to form a committed relationship
- Women suffer more

MEDICAL CONSEQUENCES OF NONMARITAL SEX

- Pregnancy
 - Quoted efficacy of birth control assumes perfect compliance
 - Abortion as birth control
- STDs
- Death: AIDS, HPV, Violence

Reported STDs Reach All-time High for 6th Consecutive Year

More than 2.5 million cases of chlamydia, gonorrhea & syphilis reported in 2019

Press Release

For Immediate Release: Tuesday, April 13, 2021

Contact: [Media Relations](#)

(404) 639-3286

BUT NO ONE CARES.....

2021:

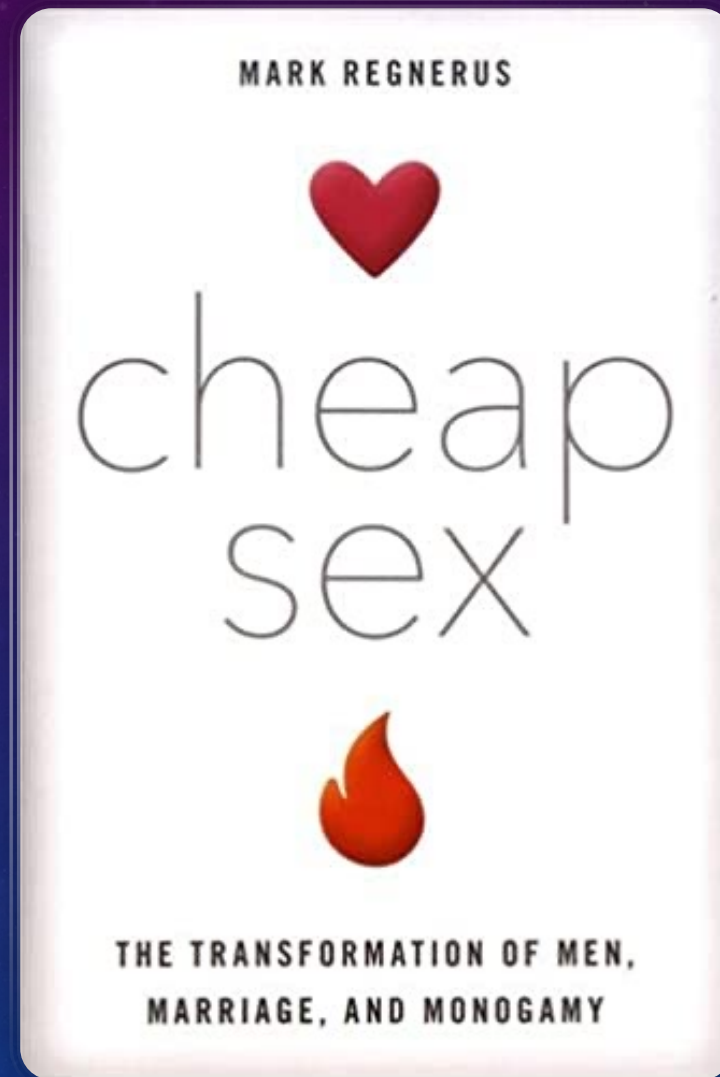


SOCIAL CONSEQUENCES OF NONMARITAL SEX

- **Reduced religious engagement**
- More liberal political tendencies
- Masculine acedia
- Reduced marriage rate
- Reduced fertility

“CHEAP SEX”

- Males dominate the demand side for sex , females typically the “gate-keepers”
- Females dominate the market for marriage
- The “price” of sex is reflected in what it costs an individual to obtain a partner



“CHEAP SEX”

- The Pill
- Internet dating and smart phone apps – “sex delivery system”
- Lower expectations from females
- Changing approach to marriage
- Pornography
- Marriage remains “expensive”

SEXUAL ECONOMICS, CULTURE, MEN, AND MODERN SEXUAL TRENDS

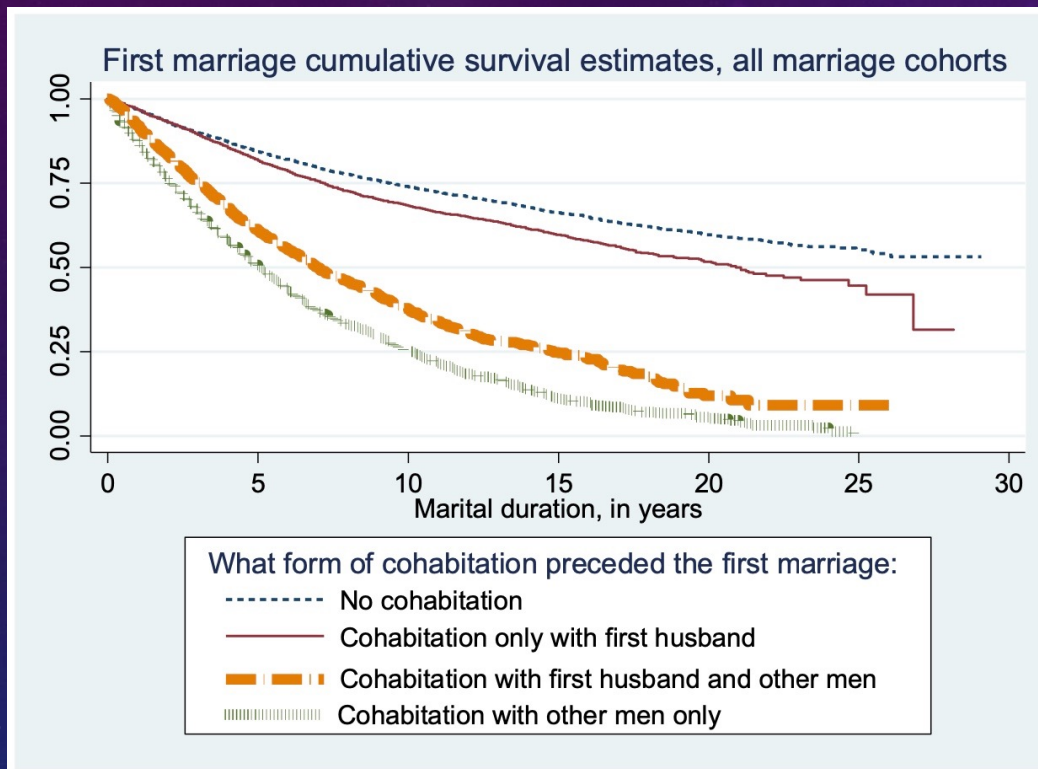
Baumeister and Vohs, 2012

“Giving young men easy access to abundant sexual satisfaction deprives society of one of its ways to motivate them to contribute valuable achievements to the culture.”

COHABITATION

- Less bonding
- Less intimacy
- Less sharing
- Less commitment
- Less financial security
- Puts children at risk
- More conflict
- More cheating
- Risk factor for future divorce

ROSENFELD & ROESLER, 2018, J MARRIAGE FAM



“The benefits of cohabitation experience in the first year of marriage has misled scholars into thinking that the most recent marriage cohorts will not experience heightened marital dissolution due to premarital cohabitation.”

POLYGAMY

The impact of polygamy on women's mental health: a systematic review |
Epidemiology and Psychiatric
Sciences 22(1):47-62, 2013

“Individual studies report a higher prevalence of somatization, depression, anxiety, hostility, psychoticism and psychiatric disorder in polygynous wives as well as reduced life and marital satisfaction, problematic family functioning and low self-esteem.”

HENRICH, BOYD, &
RICHERSON 2012

**“The Puzzle of
Monogamous
Marriage”**

- Monogamous societies outperformed all others
- Lower crime
- Reduced gender inequality
- Improved economic productivity
- Less child neglect and abuse

CHILDREN'S RIGHTS

- Biological father
- Biological mother
- Stable home environment



THEM BEFORE US

**CHILDREN'S RIGHTS
BEFORE ADULT DESIRES.**

Giving children a voice in the debate over family structure.

[LEARN MORE](#)

THEM BEFORE US

- By almost every measurable parameter, children fare far better when raised by their married biological parents
- Safety
- Identity
- Mental and physical health
- Economic and academic success
- Social well-being

CONSEQUENCES OF THE FALL

- Wedge between men and women
- Corruption of marriage
- Corruption of sexuality
- Corruption of child rearing

SUMMATION

- Men and women are biologically different and complement one another
- Sex within Biblical marriage is the optimal paradigm for human flourishing
- Departure from Biblical sexuality inflicts massive individual and civilizational harm

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COMING NEXT WEEK: VICTIMS OF THE SEXUAL REVOLUTION

FURTHER CONSEQUENCES OF THE FALL