

SECTION I: GOD'S DESIGN SESSION 3: GOD'S WORD ON SEX WORKBOOK



TAKING A CLOSER LOOK:

THE SCIENCE BEHIND SEX AND BONDING

Chemicals Released in Sex

- 1. Dopamine
- 2. Opioids
- 3. Oxytocin

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1.	Oxytocin is released with affection and sexual contact. It increases bonding in a relationship.			
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2.	Oxytocin stimulates the reward center of the brain like a drug. This can partially explain why losing a partner one is bonded with causes and mourning upon separation or death.			
3.	High oxytocin levels in a man causes him to favor his partner's face over that of other attractiv women ¹ and stimulates him to keep a bigger social distance from other attractive women. ²			
4.	Higher oxytocin level in men and women create a more positive outlook of their overall relationship characteristics. ³			
5.	One study established a strong association between number of sex partners and later abuse, especially for women. ⁴			
6.	We need to train ourselves and our young men and women to not look for that "oxytocin-release through sex with just anyone but wait for the woman or man God has chosen for them to fulfill His purposes of bonding and fulfillment in marriage.			
7.	If having multiple sexual partners before marriage lessens the bonding and fulfillment within marriage, men and women engaging in this behavior one another and their future spouses. They also defraud themselves. 1 Thessalonians 4:4-8			
¹ S	cheele D, Wille A, Kendrick KM, Stoffel-Wagner B, Becker B, Güntürkün O, et al. Oxytocin enhances brain reward system responses in men viewing the face of their female partner. <i>Proc Natl Acad Sci USA</i> . (2013) 110:20308–13. doi: 10.1073/pnas.1314190110.			
2 5	icheele D, Striepens N, Güntürkün O, Deutschländer S, Maier W, Kendrick KM, et al. Oxytocin modulates			

social distance between males and females. J Neurosci. (2012) 32:16074-9. doi:

^{10.1523/}JNEUROSCI.2755-12.2012. ³ Aguilar-Raab C, Eckstein M, Geracitano S, Prevost M, Gold I, Heinrichs M, et al. Oxytocin modulates the cognitive appraisal of the own and others close intimate relationships. Front Neurosci. (2019) 13:714. doi: 10.3389/fnins.2019.00714.

⁴ Ramrakha S, Paul C, Bell ML, Dickson N, Moffitt TE, Caspi A. The relationship between multiple sex partners and anxiety, depression, and substance dependence disorders: a cohort study. Arch Sex Behav. (2013) 42:863-72. doi: 10.1007/s10508-012-0053-1.

Get EQUIPPED: Redemptively Overcoming Abortion in the Church SESSION 3 – WORKBOOK GOD'S WORD ON SEX

	o Sexual Scenarios for a Woman Woman feels safe and relationship) =	
2.	Woman doesrelationship) =	_ feel safe or cared-for (in an uncommitted or poor marital