BIOL-UA 3 Human Reproduction and Development

Instructor:
Susan Lee

Course Description:
The primary goal of this course is to instill an understanding of how the reproductive system of the human body works to create and sustain life. Our approach will be to reveal significant aspects of reproductive science (including relevant biomedical concerns, the differences between males & female's brains), from conception to sexual maturation.

Pre-requisite:
N/A

Textbook and Required Materials:
Dimensions of Human Sexuality, Byers, Shainberg and Galliano (any edition) McGraw-Hill College Publisher

Grading:
Lecture exams 60%
Final exam 35%
Class participation 5%

Topics:
Introduction to reproductive anatomy and physiology
The Miracle of Life" - review of conception
Fertilization and pregnancy fetal gonadal and brain development
Organization versus activation
Labor and birth breast feeding and bonding
Childhood & puberty
Sexual responses, menopause and andropause sexual dysfunction & STD
Contraception, infertility
Brain Sex - sexual differentiation/dimorphism
Sexual differentiation/gender difference variation in sexual behavior/review