

Mammalian Physiology 410a  
*Reproduction*

Instructor: Dr. Laura Murphy  
Office: Life Sciences III, Room 2064  
Tele: 453-8212  
E-mail: [lmurphy@siumed.edu](mailto:lmurphy@siumed.edu)  
Office hrs: 4 - 5:00pm, M-F  
Web page: <http://www.siumed.edu/%7Elmurphy/index.html>

**Lecture Topics:**

Sexual Differentiation  
Reproductive Neuroendocrinology  
Sexual Maturation  
Anatomy/Function of Male/Female Reproductive Tracts  
Reproductive Hormones and Their Actions  
Spermatogenesis/Oogenesis  
Pregnancy  
Lactation

Preparation for Exam:

- 1) Read Chapters 52 – 55 (pp 1105-1189) in Medical Physiology (Boron and Boulpaep) course book.
- 2) Attend lectures: lecture topics are addressed in Chapters 52 - 55 of text but may be covered in more depth during lecture. Students are responsible for material covered in lecture and book, unless told otherwise by instructor. Approximately 3-4 questions will be derived from each lecture for exam.

Additional Readings (if needed):

The Physiology of Reproduction, Vol 1 (ed. Knobil and Neill), 1988 or 1992 editions

