

ENDOCRINOLOGY 3151 Spring 2007

<u>DATE</u>	<u>LECTURE</u>	<u>READING</u>
January 16	INTRODUCTION, HISTORY, HOMEOSTASIS	Melmed/ Conn Chpt 1, Handout
January 28	NEUROENDOCRINE, NEUROIMMUNE HORMONE SYNTHESIS ENDOCRINE METHODOLOGY	Chpt 8 Chpt 2 pgs 9-13 articles
January 23	PLASMA MEMBRANE RECEPTORS, G-PROTEINS Pathophysiology of Receptors	Chpt 2 articles
January 25	PLASMA MEMBRANE RECEPTORS, CALMODULIN, SIGNAL TRANSDUCTION Pathophysiology of signaling	Chpt 3 <i>Nussey Chpt 1 pgs 20-21 Chpt 5 (pgs 173-174</i>
January 30	CALCIUM, CALMODULIN, FREE RADICALS, PROSTAGLANDINS, VIAGRA SIGNAL TRANSDUCTION	Handout, Chpt 7 <i>Nussey p337-345</i>
February 1	LIPIDS, CHOLESTEROL STATINS	Handout, Chpt 4 articles
February 6	STEROID HORMONES AND RECEPTORS Inborn errors of metabolism	Chpt 4 and 5
February 8	HYPOTHALAMUS 1: ANATOMY-HISTOLOGY	Chpt 14
February 13	NEUROHYPOPHYSEAL HORMONES HYPOTHALAMUS 2: MONOGAMY VS POLYGAMY/ POSTERIOR PITUITARY HORMONES <u>Exam 1 up until here</u>	Handout Chpt 14
February 15	ANATOMY-HISTOLOGY, ANTERIOR PITUITARY PITUITARY	Chpt 13
February 20	EXAM I	Study
February 22	GROWTH HORMONES AND GROWTH FACTORS	Chpt 6, 13 201-206, 170-172, articles
February 26	HORMONES OF KIDNEY	Chpt 23
March 1	CARDIOVASCULAR SYSTEM AND HORMONES	Chpt 21 articles

March 6	GASTROINTESTINAL HORMONES: STRUCTURE, FUNCTION, PHYSIOLOGY, OBESITY THE COMPLEXITY OF CHICKEN McNUGGET PROCESSING	Handout Chpt 25 p 794-813 articles
March 8	PANCREATIC HORMONES: INSULIN- GLUCAGON & CARBOHYDRATE METABOLISM	Chpt 20
March 20	Spring Break THYROID HORMONE AND GLOBAL METABOLIC CONTROL	Chpt 17
March 22	THE PINEAL, JET LAG DRUGS, SEASONAL BREEDING CIRCADIAN RHYTHIMS (EXAM II UNTIL HERE)	Chpt 16
March 27	Exam II	Study
March 29	CALCIUM REGULATION 1: CALCIUM HOMEOSTASIS, BONE PHYSIOLOGY CARTOON & POPCORN	Chpt 18 (Handout)
April 3	CALCIUM REGULATION 2: ESTROGEN, MENOPAUSE, AND THE PHARMACEUTICAL INDUSTRY	Chpt18 (Handout) articles
April 5	ADRENAL 1: ADRENAL CORTICOIDS: STRESS AND IMMUNITY!!!	Chpts 4,15,12
April 10	ADRENAL 2: HORMONES OF ADRENAL MEDULLA, SPACE HORMONES	Chpt 22
April 12	SEX DIFFERENTIATION: BATTLE OF THE SEXES	Handout, articles
April 17 (PAPER DUE)	HORMONES AND THE MALE: PHYSIOLOGY , TESTICULAR FUNCTION	Chpt 27
April 19	HORMONES AND THE FEMALE 1: PHYSIOLOGY, OVARIAN FUNCTION	Chpt 26
April 23	HORMONES AND THE FEMALE 2: PREGNANCY, PARTUITION, & LACTATION,	Chpt 26 Handout
April 26	ENDOCRINE EVOLUTION, AGING, AND ENDOCRINE TRIVIA	Chpts 28,11 Handout
April 26	<u>EXAM III</u>	Study, Celebrate!!