

HST 070 – Human Reproductive Biology

Course Summary:

Course Directors:

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Lectures and clinical case discussions designed to provide a clear understanding of the physiology, endocrinology, and pathology of human reproduction. Emphasis on the role of technology in reproductive science. Suggestions for future research contributions. Students become involved in the wider aspects of reproduction, such as prenatal diagnosis, in vitro fertilization, abortion, menopause, contraception, and ethics relation to reproductive science.

Date	Details	
Wed Sep 4, 2019	X and Y Chromosomes (Page)	1:30pm to 2:30pm
	X and Y Chromosomes-Page	1:30pm to 2:30pm
	Welcome and Overview (Koniaris/Lau)	2:45pm to 5pm
	Welcome and Overview-Koniaris, Lau	2:45pm to 5pm
Mon Sep 9, 2019	Evolution of Sexual Reproduction-Page	1:30pm to 2:30pm
	Evolution of the Sexual Reproduction (Page)	1:30pm to 2:30pm
	Male System Urology - Part 1 (Morgentaler)	2:45pm to 5pm
	Male System Urology Part I-Morgentaler	2:45pm to 5pm
Wed Sep 11, 2019	Male System Urology - Part 2 (Morgentaler)	1:30pm to 5pm
	Male System Urology Part II-Morgentaler	1:30pm to 5pm
Mon Sep 16, 2019	Circle of Life -Part 1 (Page)	1:30pm to 2:30pm
	Circle of Life Part I-Page	1:30pm to 2:30pm
	Journal Club 1 (Page)	2:45pm to 3:45pm
	Journal Club 1-Page	2:45pm to 3:45pm

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	Overview / Female System Anatomy (Koniaris)	4pm to 5pm
	Overview Female System Anatomy-Koniaris	4pm to 5pm
Wed Sep 18, 2019	Development (Pourquie)	1:30pm to 3:45pm
	Development-Pourquie	1:30pm to 3:45pm
	Cases 1 (Koniaris/Lau)	4pm to 5pm
	Cases 1-Koniaris, Lau	4pm to 5pm
Mon Sep 23, 2019	Hypothalamus Pituitary Gonadal Axis (Kaiser)	1:30pm to 2:30pm
	Hypothalamus Pituitary Gonadal Axis-Kaiser	1:30pm to 2:30pm
	Journal Club 2 (Page)	2:45pm to 3:45pm
	Journal Club 2-Page	2:45pm to 3:45pm
	MATLAB Hormone Pulsatility Challenge (Magill)	4pm to 5pm
	Matlab Hormone Pulsatility Challenge-Magill	4pm to 5pm
Wed Sep 25, 2019	Placenta (Torous)	1:30pm to 3:45pm
	Placenta-Torous	1:30pm to 3:45pm
	Cases 2 (Koniaris/Lau)	4pm to 5pm
	Cases 2-Koniaris, Lau	4pm to 5pm
Mon Sep 30, 2019	Circle of Life -Part 2 (Page)	1:30pm to 2:30pm
	Circle of Life Part II-Page	1:30pm to 2:30pm
	Journal Club 3 (Page)	2:45pm to 3:45pm
	Journal Club 3-Page	2:45pm to 3:45pm

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Date	Details	
	Menstrual Disorders (Koniaris)	4pm to 5pm
	Menstrual Disorders-Koniaris	4pm to 5pm
Wed Oct 2, 2019	Contraception/Family Planning (Lau)	1:30pm to 2:30pm
	Contraception/Family Planning-Lau	1:30pm to 2:30pm
	Cases 3 (Koniaris/Lau)	2:45pm to 3:45pm
	Cases 3-Koniaris, Lau	2:45pm to 3:45pm
	In Vitro Fertilization (Zimon)	4pm to 5pm
Mon Oct 7, 2019	Pregnancy Physiology - Part 1 (Koniaris/Lau)	1:30pm to 2:30pm
	Pregnancy Physiology Part I-Koniaris, Lau	1:30pm to 2:30pm
	Journal Club 4 (Page)	2:45pm to 3:45pm
	Journal Club 4-Page	2:45pm to 3:45pm
	Pregnancy Physiology - Part 1 (Koniaris/Lau)	4pm to 5pm
	Pregnancy Physiology Part II-Koniaris, Lau	4pm to 5pm
Wed Oct 9, 2019	Sex Differences in Health and Disease (Page)	1:30pm to 2:30pm
	Sex Differences in Health and Disease-Page	1:30pm to 2:30pm
	Cases 4-Koniaris, Lau	2:45pm to 3:45pm
	Cases 4 (Koniaris/Lau)	2:45pm to 3:30pm
	CAH and MIS (Donahoe/Pepin)	3:30pm to 5pm
	CAH and MIS-Donahoe, Pepin	4pm to 5pm
Wed Oct 16, 2019	Cell Free DNA (Dubuc)	1:30pm to 2:30pm
	Cell Free DNA-Dubuc	1:30pm to 2:30pm
	Labor & Delivery (Koniaris/Lau)	2:45pm to 3:45pm

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	Labor and Delivery-Koniaris, Lau	2:45pm to 3:45pm
	IVF (Zimon - make-up session)	4pm to 5pm
	IVF-Zimon	4pm to 5pm
Mon Oct 21, 2019	Pre-eclampsia (Karumanchi)	1:30pm to 2:30pm
	Pre-eclampsia-Karumanchi	1:30pm to 2:30pm
	Transgender Medicine (Carswell)	2:45pm to 3:45pm
	Transgender Medicine-Carswell	2:45pm to 3:45pm
	HIV (Shapiro)	4pm to 5pm
	HIV-Shapiro	4pm to 5pm
Wed Oct 23, 2019	Jeopardy	1:30pm to 5pm
	Jeopardy!	1:30pm to 5pm