

**FIR2019
SECTION 3
WEEK 1**

Date	Time	Faculty	Affiliation	Activity
Sunday May 26	7 PM	Barry Hinton	University of Virginia	Introduction to Section 3 Presentation Workshop: "Using Powerpoint Without Powerpoint Using You."
Monday May 27	9 AM	Franco DeMayo	NIEHS Research Triangle Park	Lecture: The evolution of genetic engineering approaches to investigate reproductive biology
	1 PM	Franco DeMayo	NIEHS Research Triangle Park	Lab: Embryo transfer and ES cell injection
	7 PM	Franco DeMayo	NIEHS Research Triangle Park	Lecture: Progesterone receptor and regulation in pregnancy
Tuesday May 28	9 AM	Asgi Fazleabas	Michigan State University	Lecture: Decidualization and endometriosis
	1 PM	Asgi Fazleabas	Michigan State University	Lab: <i>In vitro</i> decidualization
	7 PM	Errol Norwitz	Tufts Medical Center	Lecture: Human Placentation and implantation: normal and abnormal
Wednesday May 29	9 AM	Larry Reynolds	North Dakota State University	Lecture: Regulation of angiogenesis in the female reproductive system
	1pm	Larry Reynolds/ Pawel Borowicz	North Dakota State University	Lab: Molecular biology and imaging methods to evaluate vascular development
	7 PM	Ripla Arora	Michigan State University	Lecture: Using 3D imaging to evaluate early maternal-fetal interactions
Thursday May 30	9 AM	Gail Prins	University of Illinois Chicago	Lecture: Prostate development, growth and function: normal and abnormal
	1 PM	Gail Prins	University of Illinois Chicago	Lab: Prostate development: Branching morphogenesis
	7 PM	Erika Matunis	Johns Hopkins University	Lecture: Stem cell dynamics in the <i>Drosophila</i> testis niche

Friday May 31	9 AM	Mariana Wolfner	Cornell University	Lecture: Gametogenesis and fertilization in flies
	1 PM	Mariana Wolfner	Cornell University	Lab: Drosophila sperm competition and reproductive structure imaging
	7 PM	Clémence Belleannée	University of Laval	Lecture: Intercellular cross-talks in the epididymis
Saturday June 1	9 AM	Barry Hinton	University of Virginia	Lecture: Morphogenesis of the Wolffian and Müllerian ducts: Non-Branching morphogenesis
	11 AM	Gail Prins	University of Illinois Chicago	Lab Wrap-Up
	1 PM	Barry Hinton	University of Virginia	Lab: Wolffian and Müllerian duct development
Sunday June 2	7 PM			Cookout and wrap up of week 1

FIR2019 SECTION 3 WEEK 2				
Date	Time	Faculty	Affiliation	Activity
Monday June 3	9 AM	Joan Jorgensen	University of Wisconsin	Lecture: Sex determination and the battle of the sexes: Gonadal somatic cells “duke it out”
	1 PM	Joan Jorgensen	University of Wisconsin	Lab: Isolation and identification of germ cells from embryonic mouse gonads
	7 PM	Susan Suarez	Cornell University	Lecture: Sperm interactions with the female reproductive tract
Tuesday June 4	9 AM	Barry Hinton	University of Virginia	Lab wrap up
	1 PM	Joan Jorgensen	University of Wisconsin	Lab wrap up
	7 PM	2018 Firbees		How do you make/elongate a biological tube?

Wednesday June 5	9 AM	Peggy Petroff	Michigan State University	Lecture: Immunology of pregnancy
	1 PM	Peggy Petroff	Michigan State University	Lab: Reproductive Immunology
	7 PM	Peggy Petroff	Michigan State University	Lab wrap up Analysis of data
Thursday June 6	9 AM	Tom Spencer	University of Missouri	Lecture: Implantation and Placentation in Domestic Animals. Dual Purpose with Dual Benefit: Research Using Agriculturally Important Domestic Animal Species
	1 PM	Tom Spencer	University of Missouri	Lab: Placentation in domestic animals
	4 PM	Barry Hinton	University of Virginia	Wrap up of Section 3
	6pm			Luigi Mastroianni Memorial Lecture
Friday June 7	9 AM			FIR Symposium
Saturday June 8	9 AM			FIR symposium