

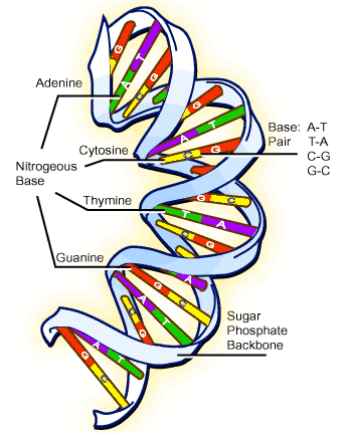
Pathology 425 - Current Topics in Human Genetics

11/09/2017 to 01/12/2017

Classes in Richardson Lab Room 101

Mondays 08:30-10:20 and

Tuesdays 08:30-10:20



Coordinator: Susan Crocker (crocker@kgh.kari.net)
Teaching Assistant: Paola Nasute Fauerbach (16pvnf@queensu.ca)
Undergraduate Educational Assistant: Kevin Kell (kellk@queensu.ca)

last updated: 2017 Sept 08

Course Evaluation:

Teaching Modules:	(3@15 min)	45%
Midterm Exam		20%
Essay		20%
Class participation and assignments		15%

Class#	Date	STUDENT PRESENTATIONS	Lecturer/Topic
1	Sept 11		Introduction: Basic Approaches to Human Genetics I Susan Crocker
2	Sept 12		Introduction: Basic Approaches to Human Genetics II Susan Crocker
3	Sept 18	Presenter 1: Presenter 2: Presenter 3:	Introduction: Acquired Abnormalities Michael Rauh
4	Sept 19	Presenter 1: Presenter 2: Presenter 3:	Chromosome Morphology and Variations Susan Crocker
5	Sept 25	Presenter 1: Presenter 2: Presenter 3:	Methods in Chromosome Analysis /Chromosomal Disorders Susan Crocker
6	Sept 26	Presenter 1: Presenter 2: Presenter 3: ESSAY TOPIC DUE!	The Mitochondrial Genome and Dynamics Susan Crocker
7	Oct 2	Presenter 1: Presenter 2: Presenter 3:	Bioinformatics in Genetics Chris Mueller
8	Oct 3	Presenter 1: Presenter 2: Presenter 3:	Direct to Consumer Genetic Testing Chris Mueller
	Oct 9		Thanksgiving Day Holiday – no class
9	Oct 10	Presenter 1: Presenter 2:	Clinical Genetics Lauren Badalato

		Presenter 3:	
10	Oct 16		Midterm Exam
11	Oct 17	Presenter 1: Presenter 2: Presenter 3:	Clinical Genetics (Inherited Cancer) Emily Stephenson
12	Oct 23	Presenter 1: Presenter 2: Presenter 3:	Liquid Biopsy Harriet Feilotter
13	Oct 24	Presenter 1: Presenter 2: Presenter 3:	The Microbiome and the Genome Henry Wong
14	Oct 30		Post Transcriptional Regulation of Gene Expression Neil Renwick
15	Oct 31	Presenter 1: Presenter 2: Presenter 3: Presenter 4: Presenter 5: Presenter 6:	Post Transcriptional Regulation of Gene Expression Neil Renwick
16	Nov 06	Presenter 1: Presenter 2: Presenter 3:	Parental Influence on Mendelian Inheritance Brandy Hyndman
17	Nov 07	Presenter 1: Presenter 2: Presenter 3:	Genetic epidemiology and gene-environment interaction Will King
18	Nov 13	Presenter 1: Presenter 2: Presenter 3:	Cellular and Genetic Therapies David Lillicrap
19	Nov 14	Presenter 1: Presenter 2: Presenter 3:	Cellular and Genetic Therapies David Lillicrap
20	Nov 20	Presenter 1: Presenter 2: Presenter 3:	High Throughput Genetic Strategies Harriet Feilotter
21	Nov 21	Presenter 1: Presenter 2: Presenter 3:	Biomarkers in Human Disease Harriet Feilotter
22	Nov 27	Presenter 1: Presenter 2: Presenter 3:	Pharmacogenetics, pharmacogenomics, and individualized medicine Susan Cole
23	Nov 28	Presenter 1: Presenter 2: Presenter 3:	Pharmacogenetics, pharmacogenomics, and individualized medicine Susan Cole
Essay DUE	Friday December 1st, 2017 by 5:00 p.m.		Essays must be submitted to kellk@queensu.ca electronically in Word format