

CAPS 422 Mammalian Cardiovascular & Respiratory Physiology**Lecture Schedule 2016-17**

Room 1416 LSC

T/TH 8:00-10:00 am

Date	Topic	Lecturer
Sept.6	Imagine UBC Day- all UG Science classes cancelled	
Sept.8	Mechanics of Breathing I	Osborne
Sept.13	Mechanics of Breathing I/II	Osborne
Sept.15	Mechanics of Breathing II	Osborne
Sept.20	Ventilation & Perfusion: Distribution & Mismatch	Osborne
Sept.22	Diffusion & Pulmonary Gas Exchange	Osborne
Sept.27	Mechanisms of Hypoxemia	Osborne
Sept.29	Control of Breathing I	Osborne
Oct.4	Control of Breathing II	Osborne
Oct.6	Breathing During Sleep & In Diving	Osborne
Oct.11	Breathing & High Altitude	Osborne
Oct.13	Student Presentations	Osborne
Oct.18	Student Presentations	Osborne
Oct.20	Midterm Exam (respiratory content)	Osborne
Oct.25	No Class (CAPS 423 exam)	
Oct.27	Introduction/ Ionic Basis of the Action Potential I	Kehl
Nov.1	Ionic Basis of the Action Potential II	Kehl
Nov.3	Autonomic Regulation of Heart Rate I	Accili
Nov.8	Autonomic Regulation of Heart Rate II	Accili
Nov.10	ECG/Arrhythmia	Accili
Nov.15	Excitation-Contraction Coupling: The Basics	Moore
Nov.17	Ryanodine Receptors: Centre Stage	Moore
Nov. 22	Regulation of Cardiac Contraction I	Moore
Nov. 24	Regulation of Cardiac Contraction II	Moore
Nov. 29	Regulation of Cardiac Contraction III	Moore
Dec. 1	Integration – Heart Failure	Moore
TBA December	Final Exam (cardiovascular content)	Moore