

**PATHOPHYSIOLOGY 2015**

Tuesday and Friday: 8:40 to 10:00 a.m.  
Dr. Kenneth Reuhl, Course Director  
Dr. Carol Gardner, Co-Director

September	1	Introduction/Cells and Tissues	Reuhl
	4	Cell Adaptation and Injury	Reuhl
	11	Immune Response I	Laskin
	15	Immune Response II	Laskin
	18	Acute and Chronic Inflammation	Gardner
	22	Alterations of Immune Response	Gardner
	25	Hemodynamics/Hemostasis/RBCs	Gow
	29	Cell Differentiation/Neoplasia	Laskin
October	2	Clinical Aspects of Neoplasia ( <u>End of Unit I</u> )	Reuhl
	6	Vascular Disease/Atherosclerosis	Gordon
	7	<b>EXAM I (Med School Main and East Lecture Halls) at 6:30pm</b>	
	9	Cardiac Function/Control of Blood Pressure	Gerecke
	13	Alterations of Cardiac Function	Gerecke
	16	Heart Failure and Shock	Gerecke
	20	Renal Function	Aleksunes
	23	Acid-Base Disorders	Aleksunes
	27	Renal Diseases	Reuhl
	30	Respiratory Disease I	Gow
November	3	Respiratory Disease II ( <u>End Of Unit II</u> )	Gow
	6	Endocrine Disease I	Dey
	10	Endocrine Disease II	Dey
	11	<b>EXAM 2 (Med School Main and West Lecture Halls) at 6:30pm</b>	
	13	Diabetes	Reuhl
	17	Gastrointestinal Disease	Reuhl
	20	Hepatobiliary Disease	Guo
	24	CNS I	Reuhl
25	No class		
27	Thanksgiving Recess		
December	1	CNS Disease II	Reuhl
	4	CNS III	Reuhl
	8	Skin Disease ( <u>End of Unit III</u> )	Reuhl
	TBA	<b>FINAL EXAM</b>	

Recitations: Times for recitation have been reserved on Mondays, 3:25-4:30, in Rm 111. Recitations will **not** be held every week. A schedule for recitations will be announced after classes start.

Use of I Clickers: I-clickers should be brought to **all** lectures and recitations.

Textbook: The recommended textbook is **Understanding Pathophysiology** by Huether and McCance. There are multiple editions of this text available; the 5<sup>th</sup> or 6<sup>th</sup> editions are acceptable. Supplemental reading in physiology and anatomy may prove useful to some individuals. A medical dictionary is highly recommended.

Websites Several websites provide excellent images of pathological conditions and discussion of disease mechanisms. You are encouraged to visit them. The best are:  
<http://medlib.med.utah.edu/WebPath/GENERAL.html>  
<http://medlib.med.utah.edu/WebPath/ORGAN.html>

Examinations: Three examinations will be given in this course. Each examination will contribute approximately one-third to the final grade. The total number of points from the three exams will be used to calculate the final grade. The examinations are not cumulative.

Make-Up Exams: Students are expected to take all exams on the days scheduled. Approval for a make-up exam will be given only if there is adequate documentation that absence from an exam was absolutely unavoidable. **If** permission to take a make-up exam is granted, the format of the exam (usually oral) will be at the discretion of the Course Director.

Office Hours: Dr. Kenneth Reuhl (445-6909 or 445-0205; [reuhl@eohsi.rutgers.edu](mailto:reuhl@eohsi.rutgers.edu)) is the Course Director. His offices are in the EOHSI Building (Room 218) adjacent to Levine Hall or at the Neurotoxicology Laboratories, 41B Gordon Road on the Livingston Campus. Office hours will be arranged.

Dr. Carol Gardner (445-6773; [cgardner@pharmacy.rutgers.edu](mailto:cgardner@pharmacy.rutgers.edu)) is Co-Director. Her office is in Room 001 of the Pharmacy Building. Office hours will be arranged.

**Policy on Academic Integrity: As students in a professional degree program, individuals are expected to conduct themselves with a high standard of personal and academic integrity. Cheating in any form will not be tolerated. Any documented violation will result in failure of the course and probable further action.**