

ROSALIND FRANKLIN UNIVERSITY
of MEDICINE and SCIENCE/
CHICAGO MEDICAL SCHOOL
Required Books, Supplies, Instruments and Equipment
2009-10
FIRST YEAR STUDENTS

Subject to change
Curriculum Office – 07/23/09

BIOCHEMISTRY (begins Term 1)

Required textbooks:

Berg, Tymoczko and Stryer, Biochemistry, 6th edition, W.H. Freeman, 2007.

Champe, Harvey, and Ferrier, Lippincott's Illustrated Reviews: Biochemistry, 4th edition, 2008.

CLINICAL ANATOMY (begins Term 1)

Required textbook:

Moore, K.L., Clinically Oriented Anatomy, 6th edition, Lippincott, Williams and Wilkins, 2010.

-or-

Moore, K.L., and AMR Agur, Essential Clinical Anatomy, 3rd edition, Lippincott, Williams and Wilkins, 2007.

Required Atlas:

ATLASES, one of the following; each dissection group must have one and each individual should have one:

Agur, A. and Dalley, A., Grant's Atlas of Anatomy, 12th edition, Lippincott, Williams & Wilkins, 2009.

Clemente, C.D., Anatomy, A Regional Atlas of the Human Body, 5th edition, Williams and Wilkins, 2007.

Gilroy A. M., et al., Atlas of Anatomy, Thieme, 2008.

Netter F., Atlas of Human Anatomy, 4th edition, Saunders, 2006.

Recommended:

DICTIONARIES:

Every medical student should also own a medical dictionary. Either one of the following is excellent.

Stedman's Medical Dictionary, 28th edition, Lippincott, Williams and Wilkins, 2006.

Dorlands's Illustrated Medical Dictionary, Dorland, 31st edition, Elsevier, 2007.

Medical Dictionary for the Health Professions and Nursing, Illustrated, 6th edition, Lippincott, Williams and Wilkins, 2008.

Recommended:

WORKBOOKS and STUDY GUIDES:

Coloring Guide to Regional Human Anatomy, 3rd edition, A. Twietmeyer and T. McCracken, Lea & Febinger, 2001.

Clinical Anatomy Made Ridiculously Simple, 3rd edition, S. Goldberg and H. Ouellette, MedMaster, Inc., 2007.

Anatomy to Color and Study, 2nd edition, R. Poritsky, Elsevier, 2003.

Required LABORATORY SUPPLIES:

The following items are required in the Anatomy Laboratory, and are available for purchase in the bookstore: dissection kit; disposable gloves; laboratory coat (**required in the lab**); scalpel blades. Scrubs are optional but should still be covered by a lab coat.

CLINICAL MOLECULAR CELL BIOLOGY (begins Term 1)

Required Textbook:

Essential Cell Biology, Alberts, et al., 3rd edition, Garland.

EMBRYOLOGY (begins Term 1)

Recommended Textbook:

Carlson, B.M., Human Embryology and Developmental Biology, 3rd edition, Mosby, 2004.

ESSENTIALS OF CLINICAL REASONING/ECR (begins Term 1)

First Year Podiatry Students (P1s) and First Year Medical Students (M1s)

REQUIRED Textbooks:

1. Bickley, editor, Bates' Guide to Physical Examination and History Taking, 10th Edition, Lippincott Williams & Wilkins, 2007.

2. Stern, Cifu, and Altkorn, Symptom to Diagnosis: An Evidence-Based Guide, 1st edition, The McGraw-Hill Companies, 2006

3. Robbins and Cotran Pathologic Basis of Disease, 8th Ed., 2010, Kumar et al.. (Note: This book is also a required text for the M2 Pathology course).

Recommended textbooks:

DeGowin & DeGowin, Diagnostic Examination, McGraw Hill, 9th Edition, 2009.

Kasper, Braunwald, et al, editors, Harrison's Manual of Medicine, 16th Edition, McGraw-Hill, 2005

Heimbürger, Handbook of Clinical Nutrition, 4th Edition. 2006

Equipment REQUIRED in order to participate in the course:

These instruments are an essential part of your training and you need to practice often to become familiar with their proper use. You will be seeing and examining patients and will need to have appropriate equipment with you at these times.

Ordering in advance from the University Bookstore is highly recommended, although you can certainly choose to purchase these items elsewhere. You are required to make arrangements to ensure you will have this equipment no later than the **second** week of class (no exceptions!!!). The easiest way to do this is to contact the Rosalind Franklin University Bookstore at 847-578-3407 or university.bookstore@rosalindfranklin.edu. If you have any questions, please email Paula.Taylor@rosalindfranklin.edu.

- (1) Stethoscope
- (2) Sphygmomanometer
- (3) Tuning forks (128 & 512 CPS)
- (4) Pocket Snellen eye chart
- (5) Measuring tape (in centimeters)
- (6) Reflex hammer (Queen's square, specifically)
- (7) Penlight
- (8) Otoscope & Ophthalmoscope Diagnostic Sets are **REQUIRED**.

HISTOLOGY (begins Term 1)

Recommended textbooks:

Basic Histology – Text and Atlas (11th edition), L.C. Junquiera and J. Carneiro; Lange, 2005.

Histology: A Text and Atlas (5th edition), M.H. Ross, W. Pawlina, Williams and Wilkins, 2006.

Color Textbook of Histology (3rd edition), L. P. Gartner & J.L. Hiatt; W.B. Saunders, 2007.

Atlases: (Recommended, not required)

Color Atlas of Histology, 3rd or 4th edition, L. P. Gartner & J.L. Hiatt; Williams and Wilkins, 2000 or 2006. NOTE: An on-line version of this atlas is available on the computers in the large Library computer room (LRC).

deFiore's Atlas of Normal Histology, 10th edition, V.P. Eroschenko, Lea and Febiger, 2005.

Color Atlas of Basic Histology, I. Berman, Lange Medical Book, Appleton & Lange, 2nd edition, 1998.

PHYSIOLOGY (begins Term 1)

Required Texts for *Cellular Physiology and Cardiovascular Physiology*

R. M. Berne, and M. H. Levy, Principles of Physiology, Mosby Year Book Medical Publishers, 4th edition, 2006.

-or-

R. M. Berne, and M. H. Levy, Physiology, Mosby Year Book Medical Publishers, 6th edition, 2008.

Required Texts for *Respiratory Physiology*

West, Williams and Wilkins, Respiratory Physiology - The Essentials, 7th edition, 2005.

Other texts that may be useful, but are not required:

Ganong, Review of Medical Physiology, Appleton and Lange, 22nd edition, 2005.

Blaustein, Kao and Matteson, Cellular Physiology, Elsevier, Mosby, 2004.

Matthews, Cellular Physiology of Nerve and Muscle, Blackwell Scientific, 3rd edition, 1998.

Recommended Texts for *Renal Physiology*

Vander, Renal Physiology, McGraw-Hill, 6th edition, 2004.

-or-

R. M. Berne, and M. H. Levy, Principles of Physiology, Mosby Year Book Medical Publishers, 4th edition, 2006

Recommended Texts for *Gastrointestinal Physiology*

Johnson, Gastrointestinal Physiology, Mosby Medical Publishers, 7th edition, 2007.

-or-

R. M. Berne, and M. H. Levy, Principles of Physiology, Mosby Year Book Medical Publishers, 4th edition, 2006

Recommended Texts for *Endocrine Physiology*

Ganong, Review of Medical Physiology, Appleton-Lange, 22nd edition, 2005.

-or-

R. M. Berne, and M. H. Levy, Principles of Physiology, Mosby Year Book Medical Publishers, 4th edition, 2006

Recommended Texts for *Challenges to Homeostasis*

Ganong, Review of Medical Physiology, Appleton-Lange, 22nd edition, 2005.

-or-

R. M. Berne, and M. H. Levy, Principles of Physiology, Mosby Year Book Medical Publishers, 4th edition, 2006

MEDICAL NEUROSCIENCE (begins Term 2)

Required textbook:

Dale Purves, et al., Neuroscience, 4th edition, (Sinauer, 2008). Purchase of this text includes a free download of the neuroanatomy teaching program, Sylvius 4.0.

Required Atlas:

Haines, Neuroanatomy: An Atlas of Structure, Sections, and Systems, 7th edition, Lippincott, William & Wilkins, 2008.

Recommended textbook:

Blumenfeld, Hal, Neuroanatomy Through Clinical Cases, 2nd edition, Sinauer, 2009.

EPIDEMIOLOGY ((begins Term 3)

Required Textbook:

Clinical Epidemiology: The Essentials, 4th edition, Fletcher & Fletcher, Lippincott Williams & Wilkins, 2005.

INTRODUCTORY CLINICAL GENETICS (begins Term 3)

Required Textbook:

New Clinical Genetics, A. Read and D. Donnai, Scion Publishing, Ltd.

MEDICAL ETHICS (begins Term 3)

Required textbook:

Principles of Biomedical Ethics, 6th Edition, Beauchamp and Childress.