

# Required and Recommended Texts 2011 - 12

## Behavioral Science

1. [Diagnostic & Statistical Manual of Mental Disorders 4th Ed. \(DSM-IV-TR\)](#), APA Press, Washington, DC, 2000
2. Ebert M, Loosen P, Nurcombe B & Leckman J. (Eds). [Current Diagnosis & Treatment](#). 2<sup>nd</sup> ed. McGraw Hill, New York, 2008.
3. Fadem B. [Behavioral Science in Medicine](#). Lippincott, Philadelphia., 2004 (text used in previous years)
4. Sadock BJ, Sadock VA & Ruiz P. (Eds). [Comprehensive Textbook of Psychiatry](#). 9<sup>th</sup> ed. Lippincott, Philadelphia, 2009.
5. Sadock BJ, Sadock VA & Ruiz P. (Eds). [Kaplan and Sadock's Synopsis of Psychiatry: Behavioral Sciences/Clinical Psychiatry](#), 10th Edition, 2007. (main text for 2011-12)

## Biochemistry

**No required books, but 2 highly recommended ones:**

1. Lippincott's Illustrated Review of Biochemistry (5<sup>th</sup> ed) Richard Harvey and Denise Ferrier Lippincott Williams & Wilkins PA 2011.
2. Textbook of Biochemistry with Clinical Correlations (7<sup>th</sup> ed) Thomas Devlin, Editor Wiley-Liss NJ 2010

If students already have a recent biochemistry textbook, they are welcome to use it.

## Gross Anatomy

### **Required Texts:**

Choose **one** of the following two texts. I have prepared two versions of the course syllabus with reading assignments for each of these texts. The faculty, in reviewing the texts had positive comments to say about both so I felt that perhaps we would let you each decide which one suited your learning style best.

1. Drake, RL, Vogl, W. and Mitchell, AWM. *Gray's Anatomy for Students*, 1<sup>st</sup> ed. Elsevier, 2005 **or** Moore, KL, and Dalley, AF. *Clinically Oriented Anatomy*. 5<sup>th</sup> ed. Lippincott Williams and Wilkins, 2005
2. Tank, PW. *Grant's Dissector*. 13<sup>th</sup>, ed., Baltimore: Lippincott Williams and Wilkins, 2005
3. Cahill, DR. *Lachman's Case Studies in Anatomy*. 4th ed. Oxford University Press, 1997  
One of the following Embryology texts:
4. Moore KL and Persaud TVN. *The Developing Human*. 7<sup>th</sup>, ed. Philadelphia: Saunders **or** Sadler, TW. *Langman's Medical Embryology*. 9th ed. Baltimore: Williams and Wilkins, 2004.

### **An Atlas**

You may wish to wait to meet with your lab group before purchasing an atlas. The dissector is keyed to several of the more common anatomy atlases. **We recommend:** Agur, AMR and Dalley, AF., *Grant's Atlas of Anatomy*, 11<sup>th</sup> ed. Baltimore: Lippincott Williams and Wilkins, 2005. This atlas comes with a CD of images and other useful features. Others may suggest the Netter Atlas, the Clemente Atlas or one of the photographic atlases. We will try to provide each lab group with an old atlas from last year's class to be used at the dissection table. You should purchase your own atlas for use at home and for study and review. Check with the bookstore.

## Medical Genetics

**Required Text:** *Thompson and Thompson Genetics in Medicine* by Robert Nussbaum, Roderick McInnes, and Huntington Willard (WB Saunders, 2007). This textbook is a good resource with significant depth. Students are asked to read clinical case studies from the text for each module exam (4-12 pages). The 2001 version of the book is the same edition and is almost identical.

### **Recommended Texts:**

1. *Principles of Medical Genetics* by Thomas Gelehrter, Francis Collins, and David Ginsburg (Williams and Wilkins, 1998). This text provides a well-presented background of basic human and medical genetics.
2. *Emery's Elements of Medical Genetics* by Robert F. Mueller, Ian D., MD Young (W B Saunders, 2007). This text provides an elementary, clinical approach to medical genetics.

## Medical Immunology

Students are strongly advised to purchase either the Parham or Abbas text; however, if the student has another recent immunology textbook (2003 or later), it can be used. Students should remember that certain content has changed over the past few years.

### **Required Texts:**

1. *Basic Immunology: Functions and Disorders of the Immune System* by Abul Abbas and Andrew Lichtman (2009) W.B. Saunders Company; 3<sup>rd</sup> edition ISBN: 978-1-4160-4688-2  
This short book does an excellent job of highlighting major concepts. It was created specifically for the needs of medical students. This text is HIGHLY RECOMMENDED to give a broad understanding of the material.
2. *The Immune System* by Peter Parham (2009) Garland Publishing; 3<sup>rd</sup> edition ISBN: 978-0-8153-4146-8  
This is a new well-written text specifically created for medical students. It uses human data and figures where possible. Faculty will be strongly encouraged to use it as a resource for their lectures.

Other recommended textbooks (order is based on preference):

- *Immunology* by Goldsby, Kindt, Osborne, and Kuby (2007) ISBN-13: 978-1-4292-0211-4  
This text is extremely well written. It provides better descriptions along with an experimental approach to teaching immunology.
- *Immunology A Short Course* by Coico, and Sunshine (2009) ISBN 978-0-470-08158-78  
This book takes a very elementary approach to immunology and integrates it with microbiology. Students who have not studied immunology before may find it a useful reference.
- *Immunobiology* by Charles Janeway (2008) ISBN:0-8153-4123-7  
This text provides a very detailed discussion of immunology. It includes many of the same figures in Parham's textbook. If students used this text in a previous course, they generally like it. Students who have never had immunology generally find the depth of this textbook overwhelming.

## Microanatomy

**Text:** *Histology, A Text & Atlas* by Ross & Pawlina. 6th edition. 2011. Lippincott, Williams & Wilkins. ISBN: 978-0-7817-7200-6.

**Atlas:** *Wheater's Functional Histology: A Text & Color Atlas* by B. Young et al. 5th edition. 2006. Churchill Livingstone. ISBN: 0-443-06850-X.

## Neurosciences

### **REQUIRED BOOKS:**

- 1 Blumenfeld, H. *Neuroanatomy through Clinical Cases*, 2<sup>nd</sup> Edition. Sinauer 2010.
2. Nolte, J. *The Human Brain*. 6th Edition. Mosby. 2009.
3. Kandel, E.R. et al. *Principles of Neural Science*. 4th Edition. McGraw Hill. 2000.

**Note:** It is highly recommended that you purchase both Nolte and Blumenfeld books. Lecturers will refer to Figures from these books and exam material will assume you know the content of required reading from both books.

The book by Kandel et al is excellent, scholarly, expensive and heavy, Some sections will be required reading and will be referred to in lectures on neurophysiology, but we recognize that some of you may decide not to purchase it. Therefore, several copies will be available in the library for those who do not wish to invest in this book.

**An Atlas is REQUIRED and we recommend that you buy the atlas by Woolsey et al, since this is referred to in that lab manual. However, other atlases are also good. The atlas should be brought to laboratories. We recommend:**

1. Woolsey, T.A., et al. *The Brain Atlas*. 3<sup>rd</sup> Edition, Wiley, 2008.
2. Haines, D.E. *Neuroanatomy: An Atlas of Structures, Sections and Systems*. 6th edition. 2004.

### **RECOMMENDED BOOKS:**

#### **1) PRE-COURSE READING:**

*Sidman's Neuroanatomy: A Programmed Text*. 2<sup>nd</sup> Edition, Lippincott, Williams & Wilkins, 2007.

If you have time, spend 10 minutes a day from September until March, working through this text. It will teach you the basic concepts and structures needed for your study of the brain stem and spinal cord, and will help you once the course begins.

#### **2) STUDY GUIDES:**

Study guides are a very useful supplement AFTER the main material has been learned from handouts and texts, but cannot replace the required reading. **We recommend:** White, J.S. *USMLE Road Map Neuroscience*. 2004.

## Nutrition

**Text:** *Medical Nutrition and Disease* by Lisa Hark, PhD, RD and Gail Morrison, M.D. Fourth Edition. Blackwell Science.

**PMR:** No required texts.

## Physician and Patient

**Required Course Text:** Doc.Com which is free online

## Physiology

**Required Course Text:** *Medical Physiology: Principles of Clinical Medicine*, 3rd edition, Rhoades and Bell, Lippincott, 2009.

### **Recommended Course Texts:**

1. *Medical Physiology* by Boron & Boulpaep (2nd edition) 2003. Elsevier.

This is an excellent and detailed book of medical physiology with good illustrations. Many faculty will use illustrations from this text within their lectures.

2. *Respiratory physiology: the essentials*, by John B. West, 8<sup>th</sup> Ed. 2008. WoltersKluwerHealth/Lippincott Williams and Wilkins. This text will be useful to those who would like an additional resource for mastering respiratory physiology