



Northern Ontario
School of Medicine
École de médecine
du Nord de l'Ontario
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Textbook List Academic Year: 2019-2020

* denotes books available on the NOSM website in the Health Sciences Library e-Books section

IMPORTANT NOTE: The following is a list of core and supplemental resources that contain required readings throughout the curriculum. This list is provided for reference and it is not required that incoming students buy every textbook listed. Faculty will discuss textbook requirements during Orientation and during the academic year. Print format textbooks that may you wish to purchase will be available in the Lakehead and Laurentian book stores.

TEXTBOOKS FOR YEARS 1 and 2

THEME 1 – Northern and Rural Health:

Most chapters in these books constitute required readings in the Theme 1 curriculum. These books are not available electronically.

1. Waldram, J.B., Herring, D.A., & Young, T.K., (2006). *Aboriginal health in Canada: Historical, cultural, and epidemiological perspectives* (2nd ed.). Toronto, Canada: University of Toronto Press.
2. Kulig, J.C., & Williams, A.M. (Eds.). (2012). *Health in rural Canada*. Vancouver, Canada: University of British Columbia Press.

THEME 2 – Personal and Professional Aspects of Medical Practice:

The first Theme 2 listed textbook below (Doing right: A practical guide to ethics for medical trainees and physicians) is assigned as required reading frequently in the course of your studies, and is a core texts for Theme 2, and valuable on an ongoing basis. This is available in the NOSM library, however, they are only available in print form and in limited numbers. You are encouraged to obtain your own copies and use them.

The second textbook listed (History of medicine: A scandalously short Introduction) will be provided to the all year 1 students.

You will find the third and fourth texts, *Medical-legal handbook for Physicians in Canada* (available for free online) and *Readings in Health Care Ethics*, useful as resources for further reading. They are also occasionally assigned as required readings.

1. Hebert, P.C. (2014). *Doing right: A practical guide to ethics for medical trainees and physicians* (3rd ed.). Toronto, Canada: Oxford University Press Canada.
2. Duffin, J. (2010). *History of medicine: A scandalously short introduction* (2nd ed.). Toronto, Canada: University of Toronto Press.
3. The Canadian Medical Protective Association. (2016). *Medical-legal handbook for Physicians in Canada*, V. 8.2 [PDF File]. Retrieved from https://www.cmpa-acpm.ca/static-assets/pdf/advice-and-publications/handbooks/com_16_MLH_for_physicians-e.pdf
4. Gedge, E. & Waluchow, W. (2012). *Readings in Health Care Ethics* (2nd ed.). Buffalo, N.Y: Broadview Press.

THEME 3 – Social and Population Health:

The Theme 3 books listed below are core texts and contain required readings (sections, chapters) as found throughout the curriculum.

1. *Greenberg, R.S., Daniels, S.R., Flanders, W.D., Eley, J.W., & Boring, J.R. (2005). *Medical epidemiology* (4th ed.). New York, NY: McGraw-Hill. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

Students are asked to consult an errata site for this text:

https://sites.google.com/a/lakeheadu.ca/bweaver/Home/statistics/files/Errata_for_Greenberg_4th_Ed.pdf?attredirects=0

Please note that a 5th edition of *Medical Epidemiology* is now available via the Health Sciences Library (HSL). But it is **not** a simple revision of the 4th edition. The publisher's website describes it as "completely rewritten". It has become clear to Theme 3 that the 5th edition does not cover adequately certain topics that you (as future physicians and future LMCC exam takers) must understand. For example, Chapter 10 (on diagnostic testing) does not explain the process of using a likelihood ratio to get from the pre-test probability of disease to post-test probability of disease. For these reasons, we shall continue using the 4th edition, which is available via the Health Sciences Library (HSL) [e-books](#) section.

2. Donovan, D., & McDowell, I. (Eds.). (2019). *AFMC Primer on Population Health - A virtual textbook on Public Health concepts for clinicians* (Version 3). Ottawa, ON: The Association of Faculties of Medicine of Canada (AFMC). Retrieved from <https://phprimer.afmc.ca/en/>

THEME 4 – Foundations of Medicine:

The textbooks identified below are required resources that should serve to support learning for meeting the objectives in Theme 4. This list is not exhaustive and there will be additional resources identified in module sessions that should also be considered.

1. *Hall, J.E. (2016). *Guyton and Hall textbook of medical physiology* (13th ed.). Philadelphia, PA: Elsevier/Saunders. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

- Golan, D.E., Armstrong, E.J., & Armstrong, A.W. (2016). *Principles of pharmacology: The pathophysiologic basis of drug therapy* (4th ed.). Philadelphia, PA: Wolters Kluwer.

OR

- *Brunton, L., Hilal-Dandan, R., & Knollman, B.C. (Eds.). (2018). *Goodman and Gilman's The pharmacological basis of therapeutics* (13th ed.). New York, NY: McGraw-Hill Professional. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- *Baynes, J.W., & Dominiczak, M.W. (2019). *Medical biochemistry* (5th ed.). Philadelphia, PA: Saunders Elsevier. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- *Waller, D.G., & Sampson, A.P. (2019). *Medical pharmacology and therapeutics* (5th ed.). Philadelphia, PA: Saunders Elsevier. Retrieved from the Health Sciences Library [e-books](#) section.
- *Young, B., O'Dowd, G., & Woodford, P. (2014). *Wheater's functional histology* (6th ed.). Philadelphia, PA: Churchill Livingstone. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- *Abbas, A.K., Lichtman, A.H., & Pillai, S. (2016). *Basic immunology: Functions and disorders of the immune system* (5th ed.). Philadelphia, PA: Saunders Elsevier. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- *Kumar, V., Abbas, A.K., & Aster, J.C. (2018). *Robbins basic pathology* (10th ed.). Philadelphia, PA: Elsevier Saunders. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- *Waxman, S. G. (2017). *Clinical neuroanatomy* (28th ed.). New York, NY: McGraw-Hill. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- *Drake, R.L., Vogl, A.W., & Mitchell, A.W. M. (2015). *Gray's anatomy for students* (3rd ed.). Philadelphia, PA: Churchill Livingstone. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- Schaechter, M., Engleberg, N.C., DiRita, V.J., & Dermody, T. (2013). *Schaechter's mechanisms of microbial disease* (5th ed.). Philadelphia, PA: Wolters Kluwer.
- Ingraham, J.L., & Ingraham, C.A. (2004) *Introduction to microbiology: a case history approach* (3rd ed.). Pacific Grove, CA: Brooks/Cole Publishing Co.
- *Goering, R.V., Dockrell, H.M., Zuckerman, M., & Chiodini, P.L. (2019). *Mims' medical microbiology and immunology* (6th ed.). Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- *Frances, A. (2013). *Essentials of psychiatric diagnosis: Responding to the challenge of DSM-5* (Rev.Ed.). New York, NY: The Guilford Press. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

14. *Netter, F.H. (Ed.) (2019). *Atlas of human anatomy* (7th ed.). Philadelphia, PA: Saunders Elsevier. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
15. Nath, S.K., & Revankar, S.G. (2006). *Problem-based microbiology*. Philadelphia, PA: Saunders Elsevier.
16. Morton, D.M., & Crawley, J.L. (2019). *Van De Graaff's photographic atlas for the anatomy & physiology laboratory* (9th ed.). Englewood, CO: Morton Publishing Co.

THEME 5 – Clinical and Communication Skills in Health Care:

The main texts for Years 1 and 2 Theme 5 curriculum are:

1. Bickley, L.S. (2017). *Bates' guide to physical examination and history taking* (12th ed.). Philadelphia, PA: Lippincott Williams & Wilkins.
2. *Cole, S., & Bird, J. (2014). *The medical interview: The three function approach* (3rd ed.). St. Louis, MO: Saunders Elsevier. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

Additionally, In Year 2, the following texts will be used:

3. *Goldbloom, D.S. (2006). *Psychiatric clinical skills* (1st Ed.). Philadelphia, PA: Mosby Elsevier. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
4. * Hales, R.E., Yudofsky, S.C., & Weiss Roberts, L. (Eds.). (2014). *The American psychiatric publishing textbook of psychiatry* (6th ed.). Arlington, VA: American Psychiatric Publishing. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

You will be directed to additional resources for specific sessions or learning activities.

One resource that comes highly recommended by students and faculty, relevant to CBM 103 in Year 1, is the following. This is currently not a required resource however if it does become required it will be listed as such in particular sessions or learning activities.

5. Dubin, D. (2000). *Rapid interpretation of EKG's: An interactive course* (6th ed.). Tampa, FL.: Cover Publishing Co.

OTHER TEXTBOOKS for YEARS 1 and 2

The following lists resources that will be recommended throughout your curriculum. They are not required but you may want to ensure access to these if you need them to supplement your learning.

1. Alberts, B., Hopkin, K., Johnson, A.D., Morgan, D., Raff, M., Roberts, K., & Walter, P. (2019). *Essential cell biology* (5th ed.). New York, NY: W.W. Norton & Company, Inc.
2. Tortora, G.J., & Derrickson, B.H. (2016). *Principles of anatomy and physiology* (15th ed.). New York, NY: John Wiley & Sons, Inc.
3. *Jameson, J.L., Fauci, A.S., Kasper, D.L., Hauser, S.L., Longo, D.L., & Loscalzo, J. (Eds.) (2018). *Harrison's principles of internal medicine* (20th ed.). New York, NY: McGraw-Hill. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

OR

- *Benjamin, I.J., Griggs, R.C., Wing, E.J. & Fitz, J.G. (Eds.). (2016). *Andreoli and Carpenter's Cecil essentials of medicine* (9th ed.). Philadelphia, PA: Saunders Elsevier. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- *Mescher, A.L. (2018). *Junqueira's basic histology: Text and atlas* (15th ed.). New York, NY: McGraw-Hill Medical. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- *Ovalle, W.K., & Nahirney, P.C. (2013). *Netter's essential histology* (2nd ed.). Philadelphia, PA: Saunders Elsevier. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- *Melmed, S., Polonsky, K.S., Larsen, P.R., & Kronenberg, H.M. (2016). *Williams textbook of endocrinology* (13th ed.). Philadelphia, PA: Saunders Elsevier. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.
- Whalen, K. (2018). *Lippincott's illustrated reviews: Pharmacology* (7th ed.). Philadelphia, PA: Lippincott, Williams & Wilkins.
- Kulig, J.C., & Williams, A.M. (Eds.). (2012). *Health in rural Canada*. Vancouver, Canada: University of British Columbia Press.
- *RxTx. (2019). Ottawa, Canada: Canadian Pharmacists Association. Retrieved from the NOSM website in the Health Sciences Library [Databases](#) section.
- *Waller, D., & Sampson, A.P. (2018). *Medical pharmacology and therapeutics* (5th ed.). New York, NY: Saunders Elsevier. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

REFERENCES THAT MAY BE CONSIDERED FOR CLINICAL MEDICINE, PARTICULARLY FOR YEARS 3 AND 4

These are suggested references only. Students are encouraged to use additional resources and the relevant medical literature as required to obtain the most up to date evidence-based information.

Children's Health

*Hay, W.W., Levin, M.J., Deterding, R.R., & Abzug, M.J. (Eds). (2018). *CURRENT diagnosis & treatment: Pediatrics*, (24th ed.). New York, NY: McGraw Hill Companies. Retrieved from the Health Sciences Library (HSL) at [e-books](#) section.

*Marcdante, K., & Kliegman, R.M. (2019). *Nelson essentials of pediatrics* (8th ed). Philadelphia, PA: Elsevier. Retrieved from the Health Sciences Library (HSL) at [e-books](#) section

*Goldbloom, R.B. (2011). *Pediatric clinical skills* (4th ed) Philadelphia, PA: Elsevier. Retrieved from the Health Sciences Library (HSL) at [e-books](#) section.

Emergency Medicine

*Tintinalli, J.E. Stapczynski, J.S., Ma, O.J., Yealy, D.M., Meckler, G.D., & Cline, D.M. (Eds.). (2016). *Tintinalli's emergency medicine: A comprehensive study guide*, (8th ed.). New York, NY: McGraw-Hill. Retrieved from the NOSM website in the Health Sciences Library (HSL) [e-books](#) section.

Medical Epidemiology

*Greenberg, R.S., Daniels, S.R., Flanders, W.D., Eley, J.W., & Boring, J.R. (2005). *Medical epidemiology* (4th ed.). New York, NY: McGraw-Hill. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

Students are asked to consult an errata site for this text:

https://sites.google.com/a/lakeheadu.ca/bweaver/Home/statistics/files/Errata_for_Greenberg_4th_Ed.pdf?attredirects=0

A 5th edition of *Medical Epidemiology* is now available via the Health Sciences Library (HSL). But it is **not** a simple revision of the 4th edition. The publisher's website describes it as "completely rewritten". It has become clear to Theme 3 that the 5th edition does not cover adequately certain topics that you (as future physicians and future LMCC exam takers) must understand. For example, Chapter 10 (on diagnostic testing) does not explain the process of using a likelihood ratio to get from the pre-test probability of disease to post-test probability of disease. For these reasons, we shall continue using the 4th edition, which is available via the Health Sciences Library (HSL) [e-books](#) section.

RECOMMENDED

Chapter 5: Assessing Evidence and Information

Chapter 6: Methods: Measuring Health

Donovan, D., & McDowell, I. (Eds.). (2019). *AFMC Primer on Population Health - A virtual textbook on Public Health concepts for clinicians (Version 3)*. Ottawa, ON: The

Association of Faculties of Medicine of Canada (AFMC). Retrieved from <https://phprimer.afmc.ca/en/>

Surgery

*Doherty, G.M. (Ed.). (2015). *CURRENT diagnosis & treatment: Surgery* (14th ed.). New York, NY: McGraw Hill. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

*Mullholland, M.W. (Ed.). (2017). *Greenfield's surgery: Scientific principles and practice* (6th ed.). Philadelphia, PA : Lippincott Williams & Wilkins. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

*Townsend, C.M., Jr., Beauchamp, R.D., Evers, B.M., & Mattox, K.L. (2017). *Sabiston textbook of surgery: The biological basis of modern surgical practice*. (20th ed.). Philadelphia, PA. : Elsevier, Inc. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

Women's Health

*Hacker, N. F., Gambone, J.C., & Hobel, C.J. (2016). *Hacker & Moore's essentials of obstetrics and gynecology* (6th ed.). Philadelphia, PA: Saunders Elsevier. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

Internal Medicine

*Benjamin, I.J., Griggs, R.C., Wing, E.J. & Fitz, J.G. (Eds.). (2016). *Andreoli and Carpenter's Cecil essentials of medicine* (9th ed.). Philadelphia, PA: Saunders Elsevier. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

Mental Health

*Sadock, B. J., Sadock, V. A., & Ruiz, P. (2015). *Kaplan and Sadock's synopsis of psychiatry: Behavioral sciences/Clinical psychiatry* (11th ed.). Philadelphia, PA: Lippincott Williams & Wilkins. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

*American Psychiatric Association. (2013). *Diagnostic and statistical manual of mental disorders*. (5th ed.) Arlington, VA: American Psychiatric Publishing. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

OR

*Black, D. W., & Andreasen, N. C. (2014). *Introductory textbook of psychiatry* (6th ed.). Washington, DC: American Psychiatric Publishing. Retrieved from the Health Sciences Library (HSL) [e-books](#) section.

Date	Authors/Comments/Amendments/Approvals
Jan-Apr 2018	2017-2018 document was reviewed and revised, as relevant, for 2018-2019 by HSL, all Theme and Phase Committees
2018 04 17	First reading at P1C
	Theme 5 textbooks revised
2018 05 15	Approved by P1C

2018 06 27	Revised to include purpose statement from each Theme
2018 07 05	Approved by UMEC Chair's action
2019 02	2018-2019 document was reviewed and revised, as relevant, for 2019-2020 AY by HSL, all Theme and P2 and P3 Committees
2019 03 19	Presented to P1C for first reading
2019 04 16	Approved by Phase 1 Committee