

# The University of Texas Southwestern Medical School at Dallas

## Educational Objectives of the Medical School

The Objectives are shown in relationship to the appropriate UT Southwestern course(s) that currently covers the subject and current evaluation methods. Additionally, each Educational Objective is linked to the appropriate ACGME Competency and LCME Standard.

Initially prepared by a subcommittee of the Medical Education and Curriculum Committee. Constitution of the subcommittee:

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### *Resources:*

AAMC Medical Schools Objectives Project: <http://www.aamc.org/meded/msop/start.htm>

ACGME Outcome Project: <http://www.acgme.org/outcome>

LCME Accreditation Standards: <http://www.lcme.org/standard.htm>

UT Southwestern Medical School Curriculum

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## Section: Knowledge

## UT Southwestern Medical School Educational Objectives

| #   | Learning Objectives   | Courses   | Evaluation Methods  | LCME Standards             | ACGME Competencies   |
|-----|---|---|---|----------------------------|--|
| 1.0 | <b>The student, before graduation, must have demonstrated to the satisfaction of the faculty, knowledge of the:</b>   |   |   | ED-6                       |  |
| 1.1 | Normal structure and function of the body (as an intact organism) and of each of its major organ systems  | Anatomy<br>Embryology<br>Biology of Cells & Tissues<br>Physiology<br>Endocrinology<br>Neuroscience                        | Course Examinations (MCQ's), USMLE Part 1   | ED-11                      | Medical Knowledge  |
| 1.2 | Molecular, biochemical, and cellular mechanisms that are important in maintaining the body's homeostasis  | Biochemistry<br>Biology of Cells & Tissues<br>Physiology<br>Endocrinology<br>Neuroscience<br>Pharmacology                 | Course Examinations (MCQ's), NBME Shelf exam, Small group cases, USMLE Part 1             | ED-11                      | Medical Knowledge  |
| 1.3 | Various causes (genetic, developmental, metabolic, toxic, microbiologic, autoimmune, neoplastic, degenerative, and traumatic) of maladies and the ways in which they operate on the body (pathogenesis)                                   | Genetics<br>Embryology<br>Endocrinology<br>Neuroscience<br>Microbiology<br>Pathology<br>Pharmacology<br>Clinical Medicine | Course Examinations (MCQ's), NBME Shelf exam, Small group cases, USMLE Part 1, OSCE       | ED-11, ED-12, ED-13        | Medical Knowledge  |
| 1.4 | Altered structure and function (pathology and pathophysiology) of the body and its major organ systems that are seen in various diseases and conditions   | Microbiology<br>Pathology<br>Clinical Medicine  | Course Examinations (MCQ's), NBME Shelf exam, Small group cases, OSCE, USMLE Part 1 and 2 | ED-11 and ED-13            | Medical Knowledge  |
| 1.5 | Most frequent clinical, laboratory, roentgenologic, and pathologic manifestations of common maladies  | Pathology<br>Clinical Medicine<br>Clerkships  | Course Examinations (MCQ's), NBME Shelf exam, Small group cases, OSCE, USMLE Part 1 and 2 | ED-11, ED-12, ED-13        | Patient Care,<br>Medical Knowledge,<br>Practice-based Learning |
| 1.6 | Important non-biological determinations of poor health and of the economic, psychological, social, and cultural factors that contribute to the development and/or continuation of maladies (e.g. domestic violence, cultural sensitivity) | Clinical Ethics<br>Human Behavior<br>Clerkships   | OSCE, USMLE Part 1 and 2  | ED-10, ED-20, ED-21, ED-22 | Medical Knowledge,<br>Practice-based Learning                  |

Section: Knowledge

UT Southwestern Medical School Educational Objectives

| #    | Learning Objectives   | Courses  | Evaluation Methods   | LCME Standards         | ACGME Competencies   |
|------|---|--|--|------------------------|--|
| 1.0  | <b>The student, before graduation, must have demonstrated to the satisfaction of the faculty, knowledge of the:</b>   |  |  | ED-6                   |  |
| 1.7  | Epidemiology of common maladies within a defined population, and the systematic approaches useful in reducing the incidence and prevalence of those maladies  | Pathology<br>Clinical Medicine<br>Clerkships   | Course Examinations (MCQ's), NBME Shelf exam, Small group cases, OSCE, USMLE Part 1and 2 | ED-11                  | Medical Knowledge,<br>Practice-based Learning  |
| 1.8  | Clinical experience as appropriate in the seven major disciplines: family medicine, internal medicine, obstetrics and gynecology, neurology, pediatrics, psychiatry, surgery and core senior rotations (acute care, ambulatory care and medicine subinternship) | Clerkships<br>Senior Rotations   | NBME shelf exams<br>Clinical Skills Passports<br>USMLE Part 2<br>Clinical Logbooks       | ED-14, ED-15,<br>ED-16 | Patient Care,<br>Medical Knowledge,<br>Interpersonal &<br>Communication Skills,<br>Professionalism |
| 1.9  | Multidisciplinary areas such as geriatrics, emergency department, and primary care  | Clerkships<br>Senior Rotations   | NBME shelf exams and<br>USMLE Part 2   | ED-14 and ED-17        |  |
| 1.10 | Relieving pain and ameliorating the suffering of patients   | Pharmacology<br>Clinical Medicine<br>Clerkships  | Course Examinations (MCQ's), NBME Shelf exam, Small group cases, OSCE, USMLE Part 1and 2 | ED-13                  | Patient Care,<br>Medical Knowledge,<br>Practice-based Learning                                     |
| 2.0  | <b>The student, before graduation, must have demonstrated for the faculty, an understanding of the:</b>   |  |  | ED-6                   |  |
| 2.1  | Power of the scientific method in establishing the causation of disease and efficacy of traditional and non-traditional therapies   | Genetics<br>Pathology<br>Clinical Medicine<br>Pharmacology<br>Clerkships<br>Senior Rotations | Small group cases<br>Clerkships<br>OSCE  | ED-11, ED-12           | Medical Knowledge,<br>Practice-based Learning  |
| 2.2  | Moral aspects of ordinary medical practice, the common presentations of ethical conflict in medical practice, and the ethical roles and responsibilities of the physician to society.   | Clinical Ethics<br>Human Behavior<br>Clerkships<br>Senior Rotations                          | Small group cases<br>Clerkships<br>OSCE  | ED-20                  | Professionalism  |
| 2.3  | Epidemiological factors that place individuals at risk for disease or injury, to select appropriate tests for detecting patients at risk for specific diseases or in the early stages of disease, and to determine strategies for responding appropriately      | Pathology<br>Clinical Medicine<br>Clerkships   | Small Group (cases & clerkships), OSCE, USMLE Part 1 and 2                               | ED-11                  | Patient Care,<br>Professionalism,<br>Systems-based Practice  |

**Section: Clinical Skills**

**UT Southwestern Medical School Educational Objectives**

| #   | Learning Objectives   | Courses   | Evaluation Methods   | LCME Standards                       | ACGME Competencies   |
|-----|---|---|--|--------------------------------------|--|
| 3.0 | <b>The student, before graduation, must have demonstrated for the faculty, knowledge of and ability to:</b>   | Clerkships<br>Senior Rotations  | Clinical Skills Passports<br>Clinical Logbooks   | ED-6                                 |  |
|     |   | (above apply to all sections)   |  |                                      |  |
| 3.1 | Obtain an accurate medical history that covers all essential aspects of the history, including issues related to age, gender, and socio-economic status   | Clinical Ethics<br>Clinical Medicine<br>Clerkships<br>Senior Rotations  | Resident and faculty observation,<br>OSCEs in MS1 & MS2  | ED-13, ED-14,<br>ED-15, ED-16, ED-19 | Patient Care,<br>Interpersonal &<br>Communication Skills,<br>Professionalism |
| 3.2 | Perform both a complete and an organ system specific examination, including a mental status examination   | Clinical Medicine<br>Clerkships<br>Senior Rotations   | Resident and faculty observation,<br>OSCE in MS2   | ED-13, ED-14,<br>ED-15, ED-16        | Patient Care   |
| 3.3 | Reason inductively and deductively in solving clinical problems   | Critical Thinking<br>Clinical Medicine<br>Clerkships<br>Senior Rotations  | Chart review;<br>Case presentations;<br>Write-ups,<br>OSCE   | ED-13, ED-14,<br>ED-15, ED-16        | Patient Care,<br>Medical Knowledge   |
| 3.4 | Retrieve (from electronic databases or other resources), manage, and utilize biomedical information for solving problems and making decisions that are relevant to the care of individuals and populations  | Clinical Medicine<br>Clerkships<br>Senior Rotations   | Chart review;<br>Case presentations;<br>Write-ups; OSCE<br>Resident and faculty observation,               | ED-7                                 | Patient Care,<br>Practice-based Learning                                     |
| 3.5 | Perform laboratory or other practical exercises that entail accurate observation of biomedical phenomenon and critical analyses of data   | Anatomy<br>Biology of Cells & Tissues<br>Microbiology<br>Pathology<br>Clinical Medicine<br>Clerkships<br>Senior Rotations | Case presentations;<br>Resident and faculty observation,<br>OSCE;<br>Practical examinations                | ED-12                                | Patient Care,<br>Medical Knowledge,<br>Practice-based Learning               |
| 3.6 | Perform routine technical procedures including at a minimum venipuncture, inserting an intravenous catheter, arterial puncture, inserting a nasogastric tube, inserting a foley catheter, and suturing lacerations  | Clinical Medicine<br>Clerkships<br>Senior Rotations   | Resident and faculty observation,<br>OSCE<br>Clinical Skills Passports (documentation)                     | ED-13, ED-14,<br>ED-15, ED-16        | Patient Care   |
| 3.7 | Interpret the results of commonly used diagnostic procedures  | Clinical Medicine<br>Clerkships<br>Senior Rotations   | Resident and faculty observation;<br>Chart review; Write-ups;<br>Case presentations;<br>USMLE Part 2; OSCE | ED-13, ED-14,<br>ED-15, ED-16        | Patient Care,<br>Medical Knowledge   |
| 3.8 | Construct appropriate management strategies (both diagnostic and therapeutic) for patients with common conditions, both acute and chronic, including medical, psychiatric, and surgical conditions, and those requiring short- and long-term rehabilitation, and end-of-life- care. | Clinical Medicine<br>Clerkships<br>Senior Rotations   | Resident and faculty observation;<br>Chart review; Write-ups;<br>Case presentations;<br>USMLE Part 2; OSCE | ED-13, ED-14,<br>ED-15, ED-16        | Patient Care,<br>Medical Knowledge   |

**Section: Clinical Skills**

**UT Southwestern Medical School Educational Objectives**

| #    | Learning Objectives  | Courses   | Evaluation Methods   | LCME Standards                       | ACGME Competencies   |
|------|--|---|--|--------------------------------------|--|
| 3.0  | <b>The student, before graduation, must have demonstrated for the faculty, knowledge of and ability to:</b>  | Clerkships<br>Senior Rotations                      | Clinical Skills Passports<br>Clinical Logbooks                                 | ED-6                                 |  |
|      |  | (above apply to all sections)                       |  |                                      |  |
| 3.9  | Recognize patients with immediately life-threatening cardiac, pulmonary, or neurological conditions regardless of etiology, and to institute appropriate initial therapy   | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>USMLE Part 2; OSCE | ED-13, ED-14,<br>ED-15, ED-16        | Patient Care,<br>Medical Knowledge   |
| 3.10 | Recognize and outline an initial course of management for patients with serious conditions requiring critical care   | Clerkships<br>Senior Rotations                      | Resident and faculty observation;<br>Case presentations;<br>USMLE Part 2; OSCE | ED-13, ED-14,<br>ED-15, ED-16, ED-17 | Patient Care,<br>Medical Knowledge   |
| 3.11 | Communicate effectively, both orally and in writing, with patients, patients' families, colleagues, nurses and other staff with whom physicians must exchange information in carrying out their responsibilities | Clerkships<br>Senior Rotations                      | Resident and faculty observation;<br>Case presentations;<br>Chart review       | ED-19, ED-20,<br>ED-21, ED-22        | Patient Care,<br>Practice-based Learning,<br>Interpersonal &<br>Communication Skills |
|      |  |   |  |                                      |  |

**Section: Information Technology**

**UT Southwestern Medical School Educational Objectives**

| #   | Learning Objectives  | Courses   | Evaluation Methods   | LCME Standards    | ACGME Competencies  |
|-----|--|---|--|-------------------|---|
| 4.0 | <b>The student, before graduation, must have demonstrated for the faculty, knowledge of and ability to:</b>  |   |  | ED-6              |   |
| 4.1 | Effectively use clinical information systems to:<br>a. Retrieve patient-specific information or data from a clinical information system.<br>b. Display selected subsets of information available about a given patient.<br>c. Record in clinical information systems specific findings about a patient.<br>d. Record orders directing the further care of the patient. | Clerkships<br>Senior Rotations                      | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-27, ED-28      | Patient Care<br>Practice-based Learning   |
| 4.2 | Interpret laboratory tests, demonstrating the following:<br>a. Knowledge of the limitations of standard laboratory measurements.<br>b. Ability to integrate clinical and laboratory findings.  | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-12, ED-13      | Medical Knowledge<br>Patient Care   |
| 4.3 | Incorporate uncertainty explicitly into clinical decision making, demonstrating the ability to quantify and communicate the degree of certainty associated with specific items of scientific and clinical information.   | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-6, ED-7, ED-19 | Medical Knowledge<br>Patient Care<br>Interpersonal &<br>Communication Skills<br>Practice-based Learning |
| 4.4 | Identify and locate, when possible, the crucial pieces of missing clinical information, and determine when it is appropriate to act on incomplete information.   | Clerkships<br>Senior Rotations                      | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-6, ED-7, ED-28 | Medical Knowledge<br>Patient Care<br>Practice-based Learning<br>Systems-based Practice                  |
| 4.5 | Integrate verbal and statistical sources of medical knowledge with the facts of a specific clinical case.  | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-6, ED-7, ED-28 | Medical Knowledge<br>Patient Care   |
| 4.6 | Critically use decision support tools to assess and balance textbook and journal articles with diagnostic expert systems   | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-6, ED-7, ED-28 | Medical Knowledge<br>Practice-based Learning  |
| 4.7 | Assess and disseminate advisories and alerts issued from a computer based record.  | Clerkships<br>Senior Rotations                      | Resident and faculty observation;<br>Chart review                        | ED-6, ED-7        | Medical Knowledge<br>Practice-based Learning  |
| 4.8 | Formulate a treatment plan, demonstrating the ability to express the relative certainties of a differential diagnosis and the relative risks and benefits of outcomes and treatment options.   | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-6, ED-7, ED-28 | Medical Knowledge<br>Patient Care   |

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| #    | Learning Objectives   | Courses   | Evaluation Methods   | LCME Standards    | ACGME Competencies   |
|------|---|---|--|-------------------|--|
| 4.0  | <b>The student, before graduation, must have demonstrated for the faculty, knowledge of and ability to:</b>   |   |  | ED-6              |  |
| 4.9  | Use available information resources and tools:<br>a. Medline and other relevant bibliographic databases.<br>b. Textbooks and reference sources.<br>c. Diagnostic expert systems.<br>d. Medical internet resources.  | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-6, ED-7        | Medical Knowledge<br>Patient Care  |
| 4.10 | Retrieve information by:<br>a. Performing database searches using logical (Boolean) operators, in a manner that reflects understanding of medical language, terminology and the relationships among medical terms and concepts.<br>b. Refine search strategies to improve relevance and completeness of retrieved items.  | Clinical Ethics<br>Clinical Medicine                | Small group exercises  | ED-7              | Practice-based Learning<br>Systems-based Practice                                      |
| 4.11 | Use a standard bibliographic application to download citations from a search and organize them into a personal database.  | Clinical Ethics<br>Clinical Medicine                | Small group exercises  | ED-7              | Practice-based Learning  |
| 4.12 | Identify and acquire full-text electronic documents available from the World Wide Web or a local "virtual" library.   | Clinical Ethics<br>Clinical Medicine                | Small group exercises  | ED-7              | Practice-based Learning  |
| 4.13 | Filter, evaluate, and reconcile information, demonstrating the following:<br>a. Knowledge of the factors that influence the accuracy and validity of information in general.<br>b. Ability to discriminate between types of information sources in terms of their currency, format (for example a review vs. an original article), authority, relevance, and availability.<br>c. Ability to weigh conflicting information from several sources and reconcile the differences.<br>d. Ability to critically review a published research report.<br>e. Knowledge of copyright and intellectual property issues, especially with regard to materials that are retrieved electronically. | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-6, ED-7, ED-28 | Medical Knowledge<br>Patient Care<br>Practice-based Learning<br>Systems-based Practice |
| 4.14 | Use multiple information sources for problem solving.   | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-6, ED-7, ED-28 | Medical Knowledge<br>Patient Care<br>Practice-based Learning                           |
| 4.15 | Maintain a healthy skepticism about the quality and validity of all information. (This includes recognition that technology which provides new capabilities also has potential to introduce new sources of error.)  | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-7, ED-28       | Medical Knowledge<br>Patient Care<br>Practice-based Learning                           |

**Section: Information Technology**

**UT Southwestern Medical School Educational Objectives**

| #    | Learning Objectives  | Courses   | Evaluation Methods   | LCME Standards | ACGME Competencies   |
|------|--|---|--|----------------|--|
| 4.0  | <b>The student, before graduation, must have demonstrated for the faculty, knowledge of and ability to:</b>  |   |  | ED-6           |  |
| 4.16 | Make decisions based on evidence, when such is available, rather than opinion.   | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-7, ED-28    | Medical Knowledge<br>Patient Care<br>Practice-based Learning |
| 4.17 | Maintain awareness of the many ways information becomes lost or corrupted and the need to take appropriate preventative action (for example, routinely employing backup procedures for personal and institutional data). | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;                 | ED-7, ED-28    | Practice-based Learning<br>Systems-based Practice            |
| 4.18 | Protect confidentiality of private information obtained from patients, colleagues, and others.   | Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation;<br>Case presentations;<br>Chart review | ED-23          | Practice-based Learning<br>Systems-based Practice            |

**Section: Attitudes & Behavior**

**UT Southwestern Medical School Educational Objectives**

| #    | Learning Objectives  | Courses  | Evaluation Methods                                     | LCME Standards      | ACGME Competencies   |
|------|--|--|--|---------------------|--|
| 5.0  | <b>Before graduation, the student must demonstrate to the satisfaction of the faculty, the following:</b>  |  |  | ED-6                |  |
|      | <b>A. Interactions with Professionals</b>  |  |  |                     |  |
| 5.1  | Students' interactions reflect a spirit of cooperation and respect in working with members of the health care team including patients and community  | Clinical Ethics<br>Clerkships<br>Senior Rotations  | Resident and faculty observation; OSCEs in MS1 and MS2 | ED-19               | Practice-based Learning, Professionalism, Systems-based Practice             |
| 5.2  | An understanding of, and respect for, the roles of other health care professionals, and of the need to collaborate with others in caring for individual patients and in promoting the health of defined populations  | Clerkships<br>Senior Rotations   | Resident and faculty observation                       | ED-7, ED-10         | Patient Care, Interpersonal and Communication Skills, Systems-based Practice |
| 5.3  | Knowledge of various approaches to the organization, financing, and delivery of health care  | Clerkships<br>Senior Rotations   | Resident and faculty observation                       | Not in LCME Stds    | Systems-based Practice   |
|      | <b>B. Responsibility to Patients and Society</b>   |  |  |                     |  |
| 5.4  | Student should exhibit tolerance towards the values and beliefs of others serving and served by the health care system, should facilitate the clarification and negotiation of differences in values and beliefs in others, and should avoid the use of physician authority to advance personal values and beliefs of a nonclinical nature | Human Behavior and Psychopathology<br>Clinical Ethics<br>Clinical Medicine<br>Clerkships<br>Senior Rotations | MCQ's, Resident and faculty observation; Essays; OSCE  | ED-21, ED-22, ED-23 | Patient Care, Professionalism  |
| 5.5  | Compassionate treatment of patients, and respect for their privacy and dignity   | Human Behavior and Psychopathology<br>Clinical Ethics<br>Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation; OSCEs in MS1 and MS2 | ED-21, ED-22, ED-23 | Patient Care, Interpersonal and Communication Skills, Professionalism        |
| 5.6  | Honesty and integrity in all interactions with patients' families, colleagues, and others with whom physicians must interact in their professional lives.  | Clinical Ethics<br>Clinical Medicine<br>Clerkships<br>Senior Rotations                                       | Resident and faculty observation                       | ED-23               | Patient Care, Interpersonal and Communication Skills, Professionalism        |
| 5.7  | A commitment to advocate the interests of one's patients over one's own selfish interests  | Clinical Ethics<br>Clinical Medicine<br>Clerkships<br>Senior Rotations                                       | Resident and faculty observation                       | ED-22, ED-23        | Patient Care, Interpersonal and Communication Skills, Professionalism        |
| 5.8  | An understanding of the threats to medical professionalism posed by the conflicts of interest inherent in various financial and organizational arrangements for the practice of medicine   | Clinical Ethics<br>Clerkships<br>Senior Rotations  | Resident and faculty observation                       | Not in LCME Stds    | Patient Care, Professionalism, Systems-based Practice                        |
| 5.9  | A commitment to provide care to patients who are unable to pay and to advocate for access to health care for members of traditionally underserved populations  | Clinical Ethics<br>Clerkships<br>Senior Rotations  | Resident and faculty observation                       | ED-10               | Patient Care, Professionalism, Systems-based Practice                        |
| 5.10 | Students demonstrate personal qualities of reliability, dependability, open-mindedness, and curiosity  | Human Behavior and Psychopathology<br>Clerkships<br>Senior Rotations   | Observation, Record Review                             | ED-23               | Patient Care, Professionalism  |

**Section: Attitudes & Behavior**

**UT Southwestern Medical School Educational Objectives**

| #    | Learning Objectives   | Courses  | Evaluation Methods   | LCME Standards | ACGME Competencies                          |
|------|---|--|--|----------------|---|
| 5.0  | <b>Before graduation, the student must demonstrate to the satisfaction of the faculty, the following:</b>   |  |  | ED-6           |   |
| 5.11 | Students should understand and pursue a balance between their professional and personal life  | Student Affairs Office   | Mental Health Clinic<br>Graduation Questionnaire                   | ED-23          | Patient Care,<br>Professionalism            |
| 5.12 | Students must respect patient (and physician) confidentiality, demonstrating knowledge of the legal, ethical, and medical issues surrounding patient documentation, including confidentiality and data security and ability to use security-directed features of an information system. | Clinical Ethics<br>Clinical Medicine<br>Clerkships<br>Senior Rotations | Resident and faculty observation; Case presentations; Chart review | ED-23          | Professionalism<br>Systems-based Practice   |
|      | <b>C. Life-long Learning</b>  |  |  |                |   |
| 5.13 | Performance that steadily improves as a result of self-reflection, critical self-appraisal and openness to feedback   | Clerkships<br>Senior Rotations   | Observation, Record Review   | ED-5           | Practice-based Learning,<br>Professionalism |
| 5.14 | The capacity to recognize and accept limitations in one's knowledge and clinical skills, and a commitment to continuously improve one's knowledge and ability   | Clerkships<br>Senior Rotations   | Observation, Record Review   | ED-5           | Practice-based Learning,<br>Professionalism |
| 5.15 | Ability to engage in lifelong learning in order to maintain sufficient familiarity with scientific advances to ensure they are integrated appropriately with patient care   | Pathology<br>Clinical Medicine<br>Clerkships<br>Senior Rotations       | Small Group (cases & clerkships)                                   | ED-5           | Practice-based Learning                     |
|      |   |  |  |                |   |