Identifying information literacy skills and behaviors in the curricular competencies of health professions

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APPENDIX A

Texas A&M University College of Medicine: Competency based learning objectives

Competency Based Learning Objectives

Medical Knowledge

Medical students must demonstrate knowledge of established and evolving biomedical, clinical, and psychosocial sciences and their application to patient care.

Institutional Learning Objectives

Upon completion of the medical school curriculum, our students will be able to:

MK1 Demonstrate knowledge of normal human structure and function at the organ-system, tissue, cellular and molecular level; and of the interaction of human systems in maintaining homeostasis

MK2 Describe the basic mechanisms involved in the causation of human disease and their influence on clinical presentation and therapy

MK3 Demonstrate an understanding of how healthy lifestyles, psychosocial factors, and behavioral factors influence health

MK4 Apply evidenced-based methods to clinical problem solving

MK5 Demonstrate an understanding of the epidemiology of common diseases within a population and the approaches which are useful in reducing their incidence and prevalence

MK6 Demonstrate knowledge of common societal problems such as domestic violence and substance abuse, including diagnosis, prevention, reporting, and treatment

Patient Care

Medical students must be able to provide appropriate, compassionate patient care for the promotion of health and treatment of health problems across the human life span.

Institutional Learning Objectives

Upon completion of the medical school curriculum, our students will be able to:

PC1 Obtain both complete and system-focused medical histories that include psychosocial and behavioral determinants of health

PC2 Perform both complete and system-focused physical examinations

PC3 Develop appropriate differential diagnoses by integrating collected clinical information

PC4 Develop contextual and individualized diagnostic and treatment plans based upon collected clinical information
Interpersonal and Communication Skills

Medical students must demonstrate interpersonal and communication skills that result in the effective and respectful exchange of information and collaboration with patients, patients' family members, and health professionals across a broad range of socioeconomic and cultural backgrounds.

Institutional Learning Objectives

Upon completion of the medical school curriculum, our students will be able to:

ICS1 Demonstrate effective listening skills
ICS2 Discuss diagnostic and treatment options in a manner comprehensible to the patient
ICS3 Communicate effectively with patients, patients' family members, peers, and other members of the health care team
ICS4 Educate patients, patients' family members, peers, and other members of the health care team at an appropriate level using appropriate technologies
ICS5 Maintain accurate medical records

Professionalism

Medical students must demonstrate a commitment to professional responsibilities, adherence to ethical behaviors, and sensitivity to a diverse patient population.

Institutional Learning Objectives

Upon completion of the medical school curriculum, our students will be able to:

PROF1 Demonstrate an understanding of legal and ethical principles governing the physician-patient relationship
PROF2 Display honesty, integrity and ethical behavior
PROF3 Act in the patient's best interest and serve as a patient advocate
PROF4 Treat patients and patients' family members respectfully and compassionately, regardless of age, disability, gender, race, ethnicity, culture, religion, sexual preference, and socio-economic status
PROF5 Respect the privacy of patients
PROF6 Work with other health professionals in a collaborative fashion
PROF7 Demonstrate an awareness of leadership roles in medicine and society
PROF8 Recognize potential conflicts of interest and demonstrate awareness of appropriate courses of action
PROF9 Demonstrate an understanding of peer review and the expectations of professional licensing boards, including medical jurisprudence
PROF10 Demonstrate knowledge of responsibilities to patients, peers, and other members of the health care team
PROF11 Respond to conflicts in a professional manner
PROF12 Project a professional image in demeanor and personal appearance

Systems-Based Practice

Medical students must demonstrate an awareness of the larger context and system of health care and their impact on patient care.

Institutional Learning Objectives

On completion of the medical school curriculum, our students will be able to:

SBP1 Apply knowledge of health care systems to improve and optimize patient care
SBP2 Advocate for continuous quality improvement in patient care and patient safety
SBP3 Demonstrate an understanding of cost containment principles and their application in the delivery of health care
SBP4 Demonstrate an understanding of the legal and regulatory frameworks governing the practice of medicine which affect payment, reimbursement, referrals and incentives
SBP5 Recognize various approaches to the organization, financing, and delivery of health care
SBP6 Utilize information technology in providing medical care for individuals
SBP7 Recognize health care system deficiencies regarding social needs, access to care issues, and health disparities when they arise and develop strategies for optimal care of each individual patient.

Practice-Based Learning and Improvement

Medical students must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve their patient care skills based on self-evaluation and life-long learning.

Institutional Learning Objectives

Upon completion of the medical school curriculum, our students will be able to:
<table>
<thead>
<tr>
<th>PBLI1</th>
<th>Identify and rectify deficiencies in their knowledge base and skill set</th>
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<tbody>
<tr>
<td>PBLI2</td>
<td>Incorporate formative feedback into personal performance</td>
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<tr>
<td>PBLI3</td>
<td>Accomplish learning and improvement goals with appropriate self-directed activities</td>
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<tr>
<td>PBLI4</td>
<td>Utilize information resources and available data to support life-long learning</td>
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<tr>
<td>PBLI5</td>
<td>Select, appraise, and utilize evidence from scientific studies related to clinical questions and patients' health problems</td>
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<tr>
<td>PBLI6</td>
<td>Demonstrate an understanding of the basic principles and importance of scholarly activity and Translational Research in the practice of medicine</td>
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**Cultural Competence**

Medical students should have the capacity to function effectively as an individual within the context of the cultural beliefs, practices, and needs presented by patients and their communities.

**Institutional Learning Objectives**

Upon completion of the medical school curriculum, our students will be able to:

<table>
<thead>
<tr>
<th>CC1</th>
<th>Demonstrate an understanding of the manner in which diverse cultures and belief systems perceive health and illness and respond to various symptoms, diseases, and treatments.</th>
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<tbody>
<tr>
<td>CC2</td>
<td>Recognize and appropriately address gender and cultural biases in themselves, in others, and in the process of health care delivery.</td>
</tr>
</tbody>
</table>

**Quick Links**

- Texas A&M Physicians
- Howdy
- Email
- Blackboard
- Medical Sciences Library
- Incident & Accident Reporting
- Centers & Institutes
- Wellness with a Purpose
- Dean & Leadership
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**Information Affiliations**

Texas A&M College of Medicine
3050 Health Professions Education Building
4447 Riverside Pkwy
Bryan, TX 77807
979-436-0200 | 979-436-0092

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