

# 2009-2010 Annual Assessment of University Learning Outcomes

## School of Medicine Assessment Report

### 1. Disciplinary Competence and/or Professional Proficiency

#### Goals

The goals of the curriculum are to:

- develop self-directed learners who will continuously develop as caring physicians during graduate training and practice.
- enable students to acquire a strong foundation in the basic and clinical sciences and in those aspects of the humanities, social and behavioral sciences that are relevant to medicine.
- foster in students the development of the skills necessary for the competent practice of medicine throughout their professional career.
- help students appreciate and understand the diverse values that are brought by health care professionals, patients, family, and society to the practice of medicine.
- be flexible in meeting the needs of the individual student, by using a variety of learning strategies and formats.
- nurture the values that encourage medical professionalism and to provide ethical reasoning skills and the commitment to service that is required for the successful practice of medicine.

#### Objectives

To attain the Doctor of Medicine degree, the Creighton graduate must:

- demonstrate knowledge of the principles of basic biologic processes that operate in health and disease.
- demonstrate knowledge of the pathophysiology of common and important health problems.
- demonstrate the ability to use scientific principles in the diagnosis and management of disease.
- demonstrate knowledge of therapeutic principles for common health problems including drug therapy, rehabilitation, and community support services.
- demonstrate the knowledge and skills needed to identify persons at risk for common and important health problems.
- demonstrate core clinical skills (see appendix 2 for complete list), including:
  - conduct a medical interview and obtain a medical history
  - carry out an appropriate physical examination
  - develop a differential diagnosis
  - use appropriate diagnostic and laboratory procedures to confirm the diagnosis
  - develop a treatment plan
  - apply selected technical skills
  - record information in a concise and organized manner
- demonstrate the ability to recognize and initially manage the life-threatening conditions for which immediate intervention is necessary for the well-being of the patient.
- discuss the importance of preventive medicine in improving the health status of society and reducing health care costs. Encourage a healthy lifestyle by word and example.
- identify and propose solutions to moral, ethical, and legal problems of medical practice.
- demonstrate an ability to communicate with patients and family members in a clear and sensitive manner recognizing the consequences of illness as a process that unfolds within a societal and cultural context.
- function as a competent member of the health care team, demonstrating cooperation, initiative, and appropriate leadership skills.
- demonstrate skills of lifelong learning and practice self-education by selecting appropriate learning resources to enhance his or her personal progress and performance.

- demonstrate the ability to critically assess the medical literature and the research methods used to investigate the management of health problems.
- demonstrate effective use and management of information to include the ability to use computers for data analysis and information retrieval.
- demonstrate the effective use of educational principles to educate patients, families, and fellow health professionals about health care problems.

## 2. Critical Thinking Skills

### **Goals**

The goals of the curriculum are to:

- foster in students the development of the skills necessary for the competent practice of medicine throughout their professional career.
- nurture the values that encourage medical professionalism and to provide ethical reasoning skills and the commitment to service that is required for the successful practice of medicine.

### **Objectives**

To attain the Doctor of Medicine degree, the Creighton graduate must:

- demonstrate the ability to use scientific principles in the diagnosis and management of disease.
- demonstrate the knowledge and skills needed to identify persons at risk for common and important health problems.
- demonstrate core clinical skills (see entire list).
- demonstrate the ability to recognize and initially manage the life-threatening conditions for which immediate intervention is necessary for the well-being of the patient.
- identify and propose solutions to moral, ethical, and legal problems of medical practice.
- demonstrate the ability to critically assess the medical literature and the research methods used to investigate the management of health problems.
- demonstrate effective use and management of information to include the ability to use computers for data analysis and information retrieval.

## 3. Ignatian Values, to include but not limited to a commitment to an exploration of faith and the promotion of justice

### **Goals**

The goals of the curriculum are to:

- develop self-directed learners who will continuously develop as caring physicians during graduate training and practice.
- enable students to acquire a strong foundation in the basic and clinical sciences and in those aspects of the humanities, social and behavioral sciences that are relevant to medicine.
- help students appreciate and understand the diverse values that are brought by health care professionals, patients, family, and society to the practice of medicine.
- nurture the values that encourage medical professionalism and to provide ethical reasoning skills and the commitment to service that is required for the successful practice of medicine.

### **Objectives**

To attain the Doctor of Medicine degree, the Creighton graduate must:

- discuss the importance of preventive medicine in improving the health status of society and reducing health care costs. Encourage a healthy lifestyle by word and example.
- identify and propose solutions to moral, ethical, and legal problems of medical practice.

- demonstrate an ability to communicate with patients and family members in a clear and sensitive manner recognizing the consequences of illness as a process that unfolds within a societal and cultural context.
- demonstrate the effective use of educational principles to educate patients, families, and fellow health professionals about health care problems.

#### **4. The ability to communicate clearly and effectively**

##### **Goals**

The goals of the curriculum are to:

- foster in students the development of the skills necessary for the competent practice of medicine throughout their professional career.
- help students appreciate and understand the diverse values that are brought by health care professionals, patients, family, and society to the practice of medicine.

##### **Objectives**

To attain the Doctor of Medicine degree, the Creighton graduate must:

- demonstrate core clinical skills (including conduct a medical interview).
- demonstrate an ability to communicate with patients and family members in a clear and sensitive manner recognizing the consequences of illness as a process that unfolds within a societal and cultural context.
- function as a competent member of the health care team, demonstrating cooperation, initiative, and appropriate leadership skills.
- demonstrate the effective use of educational principles to educate patients, families, and fellow health professionals about health care problems.

#### **5. Deliberative reflection for personal and professional formation**

##### **Goals**

The goals of the curriculum are to:

- develop self-directed learners who will continuously develop as caring physicians during graduate training and practice.

##### **Objectives**

To attain the Doctor of Medicine degree, the Creighton graduate must:

- demonstrate skills of lifelong learning and practice self-education by selecting appropriate learning resources to enhance his or her personal progress and performance.

#### **6. The ability to work effectively across race, ethnicity, culture, gender, religion, and sexual orientation**

##### **Goals**

The goals of the curriculum are to:

- help students appreciate and understand the diverse values that are brought by health care professionals, patients, family, and society to the practice of medicine.

##### **Objectives**

To attain the Doctor of Medicine degree, the Creighton graduate must:

- demonstrate an ability to communicate with patients and family members in a clear and sensitive manner recognizing the consequences of illness as a process that unfolds within a societal and cultural context.