Program-Level Assessment Plan

Program: M.D. Degree Program	Degree Level (e.g., UG or GR certificate, UG major, master's program, doctoral program): Professional Medicine (PM)
Department: Curricular Affairs	College/School: School of Medicine
Date (Month/Year): October 6, 2021	Primary Assessment Contact: Dr. Debra L. Schindler

Note: Each cell in the table below will expand as needed to accommodate your responses.

PLEASE NOTE

- The School of Medicine uses the vocabulary of "Standardized Instructional and Assessment Methods and Resource Types" as directed by the Association of American Medical Colleges (AAMC) in curriculum mapping and as employed by the Liaison Committee on Medical Education (LCME), our accrediting body.
- The MD curriculum has been split into two tables below, due to its length. The first table covers Year 1 and Year 2. The second table covers Year 3 and Year 4. Only required courses are included in these tables—these are courses that every student must successfully complete.

#	Student Learning Outcomes What do the program faculty expect all students to know or be able to do as a result of completing this program? Note: These should be measurable and manageable in number (typically 4-6 are sufficient).	Curriculum Mapping In which courses will faculty intentionally work to foster some level of student development toward achievement of the outcome? Please clarify the level at which student development is expected in each course (e.g., introduced, developed, reinforced, achieved, etc.).	Assessment Methods Artifacts of Student Learning (What) 1. What artifacts of student learning will be used to determine if students have achieved this outcome? 2. In which courses will these artifacts be collected?	Assessment Methods Evaluation Process (How) 1. What process will be used to evaluate the artifacts, and by whom? 2. What tools(s) (e.g., a rubric) will be used in the process? Note: Please include any rubrics as part of the submitted plan documents.
1	Patient Care 1.1 Gather pertinent information about patients and their conditions through comprehensive history-taking, physical examination, and interpretation of diagnostic tests.	**Year 1: Knowledge; Comprehension** MED-101 - Clinical Interviewing MED-102 - Clinical Diagnosis PATH-100 - Introduction to Pathology **Year 2: Knowledge; Comprehension; Application** RESP-200 - Respiratory System SBJ-200 - Skin, Bone and Joint Module	**Year 1 Assessment Methods** MED-101: Participation, Clinical Documentation Review, Clinical Performance / Rating Checklist MED-102: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Participation	**Year 1 and Year 2** Course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and

			PATH-100: Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based **Year 2 Assessment Methods** CARD-200: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject RESP-200: Participation, Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based SBJ-200: Participation, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject, Self-Assessment MED-202: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject	assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
2	Patient Care 1.2 Use critical thinking and clinical reasoning skills to develop a prioritized differential diagnosis and determine level of acuity.	**Year 1: Knowledge; Comprehension** CARD-100 - Cardiovascular System EPI-100 - Epidemiology and Biostatistics PATH-100 - Introduction to Pathology MED-102 - Clinical Diagnosis **Year 2: Knowledge; Comprehension; Application** CARD-200 Cardiovascular System ENDR-200 - Endocrine and Reproductive System GI-200 - Gastrointestinal System RENL-200 - Renal-Urinary System RESP-200 - Respiratory System SBJ-200 - Skin, Bone and Joint Module MED-202 Clinical Diagnosis	**Year 1 Assessment Methods** CARD-100: Participation, Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based EPI-100: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject PATH-100: Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based MED-102: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Participation	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of

			Year 2 Assessment Methods CARD-200: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject ENDR-200: Exam - Nationally Normed/Standardized, Subject, Participation, Exam - Institutionally Developed, Written/Computer-based GI-200: Exam - Institutionally Developed, Written/Computer-based, Participation, Exam - Nationally Normed/Standardized, Subject RENL-200: Participation, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject RESP-200: Participation, Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based SBJ-200: Participation, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject, Self-Assessment MED-202: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject	courses in Years 1 and 2.
3	Patient Care 1.3 Provide patient- and family-centered care to all individuals regardless of setting and/or healthcare system.	**Year 1: Knowledge; Comprehension** EPI-100 - Epidemiology and Biostatistics MED-102 - Clinical Diagnosis **Year 2: Knowledge; Comprehension; Application** MED-202 - Clinical Diagnosis	**Year 1 Assessment Methods** EPI-100: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject MED-102: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Participation **Year 2 Assessment Methods**	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs).

			MED-202: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject	The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
4	Patient Care 1.4 Perform general procedures of a physician	**Year 1: Knowledge; Comprehension** MED-101 – MED-101 Clinical Interviewing MED-102 - Clinical Diagnosis **Year 2: Knowledge; Comprehension; Application** MED-202 - Clinical Diagnosis	**Year 1 Assessment Methods** MED-101: Participation, Clinical Documentation Review, Clinical Performance / Rating Checklist, Self-Assessment MED-102: Clinical Performance Rating/Checklist **Year 2 Assessment Methods** MED-202: Clinical Performance Rating/Checklist	**Year 1 and Year 2** Course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
5	Medical Knowledge 2.1 Demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care.	**Year 1: Knowledge; Comprehension** MD-100 - Professional and Personal Development I CARD-100 - Cardiovascular System IPT-100 - Principles of Immunology, Pharmacology, and Therapeutics MED-100 - Molecular Foundations in Medicine PATH-100 - Introduction to Pathology EPI-100 - Epidemiology and Biostatistics RMED-101 - Bench to Bedside I MED-110 - NSF: Musculoskeletal MED-120 - NSF: Thorax & Head MED-130 - NSF: Abdomen & Pelvis MED-160 - Brain & Behavior **Year 2: Knowledge; Comprehension; Application** CARD-200 - Cardiovascular System ENDR-200 - Endocrine and Reproductive System	**Year 1 Assessment Methods** MD-100: Exam - Nationally Normed/Standardized, Subject CARD-100: Participation, Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based IPT-100: Participation, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject MED-100: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject. Participation PATH-100: Exam - Nationally	**Year 1 and Year 2** Course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors.

		GI-200 - Gastrointestinal System RENL-200 - Renal-Urinary System RESP-200 - Respiratory System SBJ-200 - Skin, Bone and Joint Module RMED-201 - Bench to Bedside II MED-202 Clinical Diagnosis	Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based EPI-100: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject RMED-101: Research or Project Assessment MED-110: Exam - Institutionally Developed, Laboratory, Practical, Exam - Institutionally Developed, Written/Computer-based, Peer Assessment MED-120: Exam - Institutionally Developed, Laboratory, Practical, Exam - Institutionally Developed, Written/Computer-based, Peer Assessment MED-130: Exam - Institutionally Developed, Laboratory, Practical, Exam - Institutionally Developed, Written/Computer-based, Peer Assessment MED-160: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject, Participation **Year 2 Assessment Methods** CARD-200: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject ENDR-200: Exam - Nationally Normed/Standardized, Subject, Participation, Exam - Institutionally Developed, Written/Computer-based GI-200: Exam - Institutionally Developed, Written/Computer-based, Participation, Exam - Nationally Normed/Standardized, Subject RENL-200: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject RESP-200: Participation, Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based	The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.

			SBJ-200: Participation, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject, Self-Assessment RMED-201: Research or Project Assessment MED-202: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject	
6	Medical Knowledge 2.2 Demonstrate knowledge of how social determinants of health influence patient care and health care outcomes both for the general population as well as vulnerable populations.	**Year 1: Knowledge; Comprehension** CARD-100 - Cardiovascular System IPT-100 - Principles of Immunology, Pharmacology, and Therapeutics HCE-101 - Foundations in Health Care Ethics MED-101 - Clinical Interviewing MED-103 - Medical Business Ethics MED-160 - Brain & Behavior **Year 2: Knowledge; Comprehension; Application** ENDR-200 - Endocrine and Reproductive System GI-200 - Gastrointestinal System RENL-200 - Renal-Urinary System HCE-201 - Clinical Reasoning in Health Care Ethics MED-203 - Medical Business Ethics MED-202 Clinical Diagnosis	**Year 1 Assessment Methods** CARD-100: Participation, Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based IPT-100: Participation, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject HCE-101: Participation, Exam - Institutionally Developed, Written/Computer-based MED-101: Participation, Clinical Documentation Review, Clinical Performance / Rating Checklist, Self-Assessment MED-103: Participation, Exam - Institutionally Developed, Written / Computer-based MED-160: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject, Participation **Year 2 Assessment Methods** ENDR-200: Exam - Nationally Normed/Standardized, Subject, Participation, Exam - Institutionally Developed, Written/Computer-based GI-200: Exam - Institutionally Developed, Written/Computer-based, Participation,	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.

			Exam - Nationally Normed/Standardized, Subject RENL-200: Participation, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject HCE-201: Participation MED-203: Participation, Exam - Institutionally Developed, Written / Computer-based MED-202: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance	
7	Medical Knowledge 2.3 Demonstrate knowledge of clinical and translational research through critique of experimental design, ethical considerations, data, and statistical analysis.	**Year 1: Knowledge; Comprehension** MED-102 - Clinical Diagnosis **Year 2: Knowledge; Comprehension; Application** HCE-201 - Clinical Reasoning in Health Care Ethics	**Year 1 Assessment Methods** MED-102: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Participation **Year 2 Assessment Methods** HCE-201: Participation	**Year 1 and Year 2** Course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
8	Practice-Based Learning and Improvement 3.1 Identify strengths and limitations in one's knowledge, skills, and attitudes, and develop a plan to address deficiencies seeking assistance when needed.	**Year 1: Knowledge; Comprehension** MD-100 - Professional and Personal Development I MED-100 - Molecular Foundations in Medicine PATH-100 - Introduction to Pathology HCE-101 - Foundations in Health Care Ethics MED-101 - Clinical Interviewing RMED-101 - Bench to Bedside I MED-102 - Clinical Diagnosis	**Year 1 Assessment Methods** MD-100: Exam - Nationally Normed/Standardized, Subject MED-100: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject. Participation PATH-100: Exam - Nationally Normed/Standardized, Subject, Exam -	**Year 1 and Year 2** Course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and

		MED-110 - NSF: Musculoskeletal MED-120 - NSF: Thorax & Head MED-130 - NSF: Abdomen & Pelvis **Year 2: Knowledge; Comprehension; Application** RESP-200 - Respiratory System RMED-200 - Research Methods HCE-201 - Clinical Reasoning in Health Care Ethics HQI-201 - Fundamentals of Quality Improvement RMED-201 - Bench to Bedside II MD-202 - Professional and Personal Development II MED-202 - Clinical Diagnosis	Institutionally Developed, Written/Computer-based HCE-101: Participation, Exam - Institutionally Developed, Written/Computer-based MED-101: Participation, Clinical Documentation Review, Clinical Performance / Rating Checklist, Self-Assessment RMED-101: Research or Project Assessment MED-102: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Participation MED-110: Exam - Institutionally Developed, Laboratory, Practical, Exam - Institutionally Developed, Written/Computer-based, Peer Assessment MED-120: Exam - Institutionally Developed, Laboratory, Practical, Exam - Institutionally Developed, Written/Computer-based, Peer Assessment MED-130: Exam - Institutionally Developed, Laboratory, Practical, Exam - Institutionally Developed, Written/Computer-based, Peer Assessment **Year 2 Assessment Methods** RESP-200: Participation, Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based HCE-201: Participation HQI-201: Participation, Exam -Institutionally Developed, Written / Computer-based RMED-201: Research or Project Assessment MD-202: Exam - Nationally Normed/Standardized, Subject, Exam - Licensure, Written/Computer-based, Exam - Institutionally Developed, Written/Computer-based MED-202: Clinical Performance	assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.

			Rating/Checklist, Exam - Institutionally Developed, Clinical Performance, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject	
9	Practice-Based Learning and Improvement 3.2 Apply evidence from scientific studies to patient care.	**Year 1: Knowledge; Comprehension** EPI-100 - Epidemiology and Biostatistics IPT-100 - Principles of Immunology, Pharmacology, and Therapeutics MIM-100 - Introduction to Medical Information Management RMED-101 - Bench to Bedside I MED-102 - Clinical Diagnosis MED-160 - Brain & Behavior **Year 2: Knowledge; Comprehension; Application** RESP-200 - Respiratory System RMED-201 - Bench to Bedside II MED-202 - Clinical Diagnosis	**Year 1 Assessment Methods** EPI-100: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject IPT-100: Participation, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject MIM-100: Exam - Institutionally Developed, Written/Computer-based RMED-101: Research or Project Assessment MED-102: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Participation MED-160: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject, Participation **Year 2 Assessment Methods** RESP-200: Participation, Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based RMED-201: Research or Project Assessment MED-202: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2. .
10	Interpersonal and Communication Skills 4.1 Formulate an accurate, focused, and context-specific oral	**Year 1: Knowledge; Comprehension** MED-101 - Clinical Interviewing MED-102 - Clinical Diagnosis	**Year 1 Assessment Methods** MED-101: Participation, Clinical Documentation Review, Clinical	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as

	summary and documentation of a clinical encounter.	**Year 2: Knowledge; Comprehension; Application** MED-202 - Clinical Diagnosis	Performance / Rating Checklist, Self-Assessment MED-102: Clinical Performance Rating/Checklist, Participation **Year 2 Assessment Methods** MED-202: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance	rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
11	Interpersonal and Communication Skills 4.2 Communicate effectively, respectfully, and compassionately with all patients, families, and health care team members.	**Year 1: Knowledge; Comprehension** HCE-101 - Foundations in Health Care Ethics HQI-101 - Foundations of Patient Safety MED-101 - Clinical Interviewing **Year 2: Knowledge; Comprehension; Application** HCE-201 - Clinical Reasoning in Health Care Ethics MED-202 - Clinical Diagnosis	**Year 1 Assessment Methods** HCE-101: Participation HQI-101: Participation, Research or Project Assessment MED-101: Participation, Clinical Documentation Review, Clinical Performance / Rating Checklist, Self-Assessment **Year 2 Assessment Methods** HCE-201: Participation MED-202: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
12	Professionalism 5.1 Show integrity and accountability to patients, society, and the profession of medicine.	**Year 1: Knowledge; Comprehension** HCE-101 - Foundations in Health Care Ethics MED-101 - Clinical Interviewing MED-102 - Clinical Diagnosis MED-103 - Medical Business Ethics	**Year 1 Assessment Methods** HCE-101: Participation, Exam - Institutionally Developed, Written/Computer-based MED-101: Participation, Clinical Documentation Review, Clinical Performance / Rating Checklist, Self-	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their

		Year 2: Knowledge; Comprehension; Application HCE-201 - Clinical Reasoning in Health Care Ethics HQI-201 - Fundamentals of Quality Improvement MED-202 - Clinical Diagnosis MED-203 - Medical Business Ethics	Assessment MED-102: Clinical Performance Rating/Checklist, Participation MED-103: Participation **Year 2 Assessment Methods** HCE-201: Participation HQI-201: Participation MED-202: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance MED-203: Participation	exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
13	Professionalism 5.2 Demonstrate respect for patient rights including privacy, confidentiality, autonomy, shared decision-making, and informed consent.	**Year 1: Knowledge; Comprehension** MED-101 Clinical Interviewing HCE-101 - Foundations in Health Care Ethics **Year 2: Knowledge; Comprehension; Application** HCE-201 - Clinical Reasoning in Health Care Ethics MED-202 Clinical Diagnosis	**Year 1 Assessment Methods** MED-101: Participation, Clinical Documentation Review, Clinical Performance / Rating Checklist, Self-Assessment HCE-101: Participation, Exam - Institutionally Developed, Written/Computer-based **Year 2 Assessment Methods** HCE-201: Participation MED-202: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
14	Systems-Based Practice 6.1 Incorporate considerations of population health, patient experience, and per capita cost in practice.	**Year 1: Knowledge; Comprehension** EPI-100 - Epidemiology and Biostatistics HCE-101 - Foundations in Health Care Ethics **Year 2: Knowledge; Comprehension; Application** HCE-201 - Clinical Reasoning in Health Care Ethics HQI-201 - Fundamentals of Quality Improvement	**Year 1 Assessment Methods** EPI-100: Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject HCE-101: Participation, Exam - Institutionally Developed, Written/Computer-based	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams.

			Year 2 Assessment Methods HCE-201: Participation HQI-201: Participation, Exam -Institutionally Developed, Written / Computer-based	The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
15	Systems-Based Practice 6.2 Facilitate and support the coordination of patient care within the context of (an) interprofessional health care system	**Year 1: Knowledge; Comprehension** HCE-101 - Foundations in Health Care Ethics **Year 2: Knowledge; Comprehension; Application** HCE-201 - Clinical Reasoning in Health Care Ethics	**Year 1 Assessment Methods** HCE-101: Participation, Exam - Institutionally Developed, Written/Computer-based **Year 2 Assessment Methods** HCE-201: Participation	**Year 1 and Year 2** Course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
16	Systems-Based Practice 6.3 Identify systems failures and contribute to a culture of safety and improvement.	**Year 1: Knowledge; Comprehension** HQI-101 - Foundations of Patient Safety MED-103 - Medical Business Ethics **Year 2: Knowledge; Comprehension; Application** HQI-201 - Fundamentals of Quality Improvement MED-203 - Medical Business Ethics	**Year 1 Assessment Methods** HQI-101: Participation, Exam -Institutionally Developed, Written / Computer-based, Research or Project Assessment MED-103: Participation, Exam - Institutionally Developed, Written / Computer-based **Year 2 Assessment Methods**	**Year 1 and Year 2** Course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured

			HQI-201: Participation, Exam -Institutionally Developed, Written / Computer-based MED-203: Participation, Exam - Institutionally Developed, Written / Computer-based	clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
17	Interprofessional Collaboration 7.1 Demonstrate knowledge of team members' roles and responsibilities, and how members individually and collectively address the health care needs of patients and populations.	**Year 1: Knowledge; Comprehension** PATH-100 - Introduction to Pathology HQI-101- Foundations of Patient Safety **Year 2: Knowledge; Comprehension; Application** HQI-202- Fundamentals of Patient Safety	**Year 1 Assessment Methods** PATH-100: Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based HQI-101: Participation, Exam - Institutionally Developed, Written/Computer-based, Research or Project Assessment **Year 2 Assessment Methods** HQI-202: Participation, Exam - Institutionally Developed, Written/Computer-based	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
18	Interprofessional Collaboration 7.2. Work effectively and respectfully with all team members and coworkers in the health care setting	**Year 1: Knowledge; Comprehension** HCE-101 - Foundations in Health Care Ethics HQI-101- Foundations of Patient Safety **Year 2: Knowledge; Comprehension; Application** HCE-201 - Clinical Reasoning in Health Care Ethics HQI-201 Fundamentals of Quality Improvement	**Year 1 Assessment Methods** HCE-101: Participation, Exam - Institutionally Developed, Written/Computer-based HQI-101: Participation, Exam - Institutionally Developed, Written/Computer-based, Research or Project Assessment **Year 2 Assessment Methods** HCE-201: Participation HQI-201: Participation, Exam - Institutionally Developed, Written/Computer-based	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of

				Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.
19	Personal and Professional Development 8.1 Use self-reflection to regulate personal and professional behavior and seek assistance when needed.	**Year 1: Knowledge; Comprehension** MD-100 - Professional and Personal Development I HCE-101 - Foundations in Health Care Ethics MED-101 - Clinical Interviewing MED-102 - Clinical Diagnosis MED-103 - Medical Business Ethics MED-110 - NSF: Musculoskeletal MED-120 - NSF: Thorax & Head MED-130 - NSF: Abdomen & Pelvis **Year 2: Knowledge; Comprehension; Application** HCE-201 - Clinical Reasoning in Health Care Ethics MD-202 - Professional and Personal Development II MED-202 - Clinical Diagnosis	**Year 1 Assessment Methods** MD-100: Exam - Nationally Normed/Standardized, Subject HCE-101: Participation, Exam - Institutionally Developed, Written/Computer-based MED-101: Participation, Clinical Documentation Review, Clinical Performance / Rating Checklist, Self-Assessment MED-102: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Participation MED-103: Participation, Exam - Institutionally Developed, Written / Computer-based MED-110: Exam - Institutionally Developed, Laboratory, Practical, Exam - Institutionally Developed, Written/Computer-based, Peer Assessment MED-120: Exam - Institutionally Developed, Laboratory, Practical, Exam - Institutionally Developed, Written/Computer-based, Peer Assessment MED-130: Exam - Institutionally Developed, Laboratory, Practical, Exam - Institutionally Developed, Written/Computer-based, Peer Assessment **Year 2 Assessment Methods** HCE-201: Participation MD-202: Exam - Nationally	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.

			Normed/Standardized, Subject, Exam - Licensure, Written/Computer-based, Exam - Institutionally Developed, Written/Computer-based MED-202: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject	
20	Personal and Professional Development 8.2 Utilize resources (personal, professional, and institutional) that provide support and direction for a positive and sustained career in medicine	**Year 1: Knowledge; Comprehension** MD-100 - Professional and Personal Development I HCE-101 - Foundations in Health Care Ethics MED-101 - Clinical Interviewing RMED-101 - Bench to Bedside I **Year 2: Knowledge; Comprehension; Application** RESP-200 - Respiratory System HCE-201 - Clinical Reasoning in Health Care Ethics RMED-201 - Bench to Bedside II MD-202 - Professional and Personal Development II	**Year 1 Assessment Methods** MD-100: Exam - Nationally Normed/Standardized, Subject HCE-101: Participation, Exam - Institutionally Developed, Written/Computer-based MED-101: Participation, Clinical Documentation Review, Clinical Performance / Rating Checklist, Self-Assessment RMED-101: Research or Project Assessment **Year 2 Assessment Methods** RESP-200: Participation, Exam - Nationally Normed/Standardized, Subject, Exam - Institutionally Developed, Written/Computer-based HCE-201: Participation RMED-201: Research or Project Assessment MD-202: Exam - Nationally Normed/Standardized, Subject, Exam - Licensure, Written/Computer-based, Exam - Institutionally Developed, Written/Computer-based	**Year 1 and Year 2** Course directors assess student performance on all “artifacts” that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The director of assessment in the Office of Curricular Affairs reviews all in-house examinations and provides outcome data to the course directors. The associate dean for pre-clerkship curriculum and the Pre-clerkship Curriculum subcommittee are responsible for oversight of courses in Years 1 and 2.

PLEASE NOTE

- The School of Medicine uses the vocabulary of "Standardized Instructional and Assessment Methods and Resource Types" as directed by the Association of American Medical Colleges (AAMC) in curriculum mapping and as employed by the Liaison Committee on Medical Education (LCME), our accrediting body.
- The MD curriculum has been split into two tables below, due to its length. The first table covers Year 1 and Year 2. The second table covers Year 3 and Year 4. Only required courses are included in these tables—these are courses that every student must successfully complete.

#	Student Learning Outcomes What do the program faculty expect all students to know or be able to do as a result of completing this program? Note: These should be measurable and manageable in number (typically 4-6 are sufficient).	Curriculum Mapping In which courses will faculty intentionally work to foster some level of student development toward achievement of the outcome? Please clarify the level at which student development is expected in each course (e.g., introduced, developed, reinforced, achieved, etc.).	Assessment Methods Artifacts of Student Learning (What) 3. What artifacts of student learning will be used to determine if students have achieved this outcome? 4. In which courses will these artifacts be collected?	 Evaluation Process (How) 3. What process will be used to evaluate the artifacts, and by whom? 4. What tools(s) (e.g., a rubric) will be used in the process? Note: Please include any rubrics as part of the submitted plan documents.
1	Patient Care 1.1 Gather pertinent information about patients and their conditions through comprehensive history-taking, physical examination, and interpretation of diagnostic tests.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Multisource Assessment, Exam - Nationally Normed/Standardized, Subject **IM-301**: Clinical Documentation Review Narrative Assessment, Multisource Assessment, Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject **N-301**: Exam - Institutionally Developed, Written/Computer-based, Clinical Performance Rating/Checklist, Multisource Assessment, Participation, Clinical Documentation Review, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, Exam - Nationally Normed/Standardized, Subject **OB-301**: Narrative Assessment Clinical Documentation Review, Exam - Institutionally	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are

			Developed, Written/Computer-based, Exam - Institutionally Developed, Clinical Performance Participation, Clinical Performance Rating/Checklist, Exam - Nationally Normed/Standardized, Subject **PED-301**: Clinical Performance Rating/Checklist, Participation, Clinical Documentation Review, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, Exam - Nationally Normed/Standardized, Subject, Multisource Assessment **PS-301**: Clinical Documentation Review, Exam - Institutionally Developed, Clinical Performance, Participation, Exam - Institutionally Developed, Written/Computer-based, Multisource Assessment, Clinical Performance Rating/Checklist, Exam - Nationally Normed/Standardized, Subject, Narrative Assessment **S-301**: Participation Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Clinical Performance Rating/Checklist, Narrative Assessment, Multisource Assessment, Exam - Institutionally Developed, Clinical Performance, Exam - Nationally Normed/Standardized, Subject **Year 4 Assessment Methods** **EM-410**: Clinical Documentation Review, Participation, Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject **IM-451**: Clinical Documentation Review, Participation, Clinical Performance Rating/Checklist,	responsible for oversight of courses in Years 3 and 4.
2	Patient Care 1.2 Use critical thinking and clinical reasoning skills to develop a prioritized differential diagnosis and determine level of acuity.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Research or Project Assessment, Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Multisource Assessment, Oral Patient Presentation, Self-Assessment, Exam - Nationally Normed/Standardized, Subject **IM-301**: Clinical Documentation Review, Narrative Assessment, Research or Project Assessment, Multisource Assessment, Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Oral Patient Presentation,	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical

		IM-451 Ambulatory Medicine	Self-Assessment, Exam - Nationally Normed/Standardized, Subject **N-301**: Exam - Institutionally Developed, Written/Computer-based, Clinical Performance Rating/Checklist, Multisource Assessment, Participation, Clinical Documentation Review, Oral Patient Presentation, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, Exam - Nationally Normed/Standardized, Subject **OB-301**: Narrative Assessment Self-Assessment, Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Oral Patient Presentation, Exam - Institutionally Developed, Clinical Performance Participation, Clinical Performance Rating/Checklist, Exam - Nationally Normed/Standardized, Subject **PED-301**: Oral Patient Presentation, Clinical Performance Rating/Checklist, Participation, Clinical Documentation Review, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, Self-Assessment, Exam - Nationally Normed/Standardized, Subject, Multisource Assessment **PS-301**: Clinical Documentation Review, Exam - Institutionally Developed, Clinical Performance, Participation, Self-Assessment Exam - Institutionally Developed, Written/Computer-based, Multisource Assessment, Clinical Performance Rating/Checklist, Exam - Nationally Normed/Standardized, Subject, Oral Patient Presentation **S-301**: Participation Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Self-Assessment, Clinical Performance Rating/Checklist, Narrative Assessment, Multisource Assessment, Exam - Institutionally Developed, Clinical Performance, Oral Patient Presentation, Exam - Nationally Normed/Standardized, Subject **Year 4 Assessment Methods** **EM-410**: Clinical Documentation Review, Participation, Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject **IM-451**: Clinical Documentation Review, Participation,	examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.

			Clinical Performance Rating/Checklist, Oral Patient Presentation	
3	Patient Care 1.3 Provide patient- and family-centered care to all individuals regardless of setting and/or healthcare system.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **IM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **N-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **OB-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **PED-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **PS-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **S-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **Year 4 Assessment Methods** **EM-410**: Clinical Documentation Review, Participation, Clinical Performance Rating/Checklist, **IM-451**: Clinical Documentation Review, Participation, Clinical Performance Rating/Checklist, Oral Patient Presentation	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
4	Patient Care 1.4 Perform general procedures of a physician	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Research or Project Assessment, Clinical Documentation Review, Oral Patient Presentation, Self-Assessment **IM-301**: Clinical Documentation Review, Narrative Assessment, Research or Project Assessment, Multisource Assessment, Clinical Performance Rating/Checklist, Self-Assessment **N-301**: Exam Clinical Performance Rating/Checklist, Multisource Assessment, Participation, Clinical Documentation Review, Oral Patient Presentation, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance **OB-301**: Narrative Assessment, Clinical Documentation Review, Oral Patient Presentation, Exam - Institutionally Developed, Clinical Performance Participation, Clinical Performance Rating/Checklist **PED-301**: Oral Patient Presentation, Clinical	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical

			Performance Rating/Checklist, Participation, Clinical Documentation Review, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, **PS-301**: Clinical Documentation Review, Exam - Institutionally Developed, Clinical Performance, Participation, Multisource Assessment, Clinical Performance Rating/Checklist, Oral Patient Presentation **S-301**: Participation Clinical Documentation Review, Clinical Performance Rating/Checklist, Narrative Assessment, Multisource Assessment, Exam - Institutionally Developed, Clinical Performance, Oral Patient Presentation **Year 4 Assessment Methods** **EM-410**: **EM-410**: Clinical Documentation Review, Participation, Clinical Performance Rating/Checklist **IM-451**: Clinical Documentation Review, Participation, Clinical Performance Rating/Checklist, Oral Patient Presentation	curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
5	Medical Knowledge 2.1 Demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Research or Project Assessment, Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Multisource Assessment, Oral Patient Presentation, Self-Assessment, Exam - Nationally Normed/Standardized, Subject **IM-301**: Clinical Documentation Review, Narrative Assessment, Research or Project Assessment, Multisource Assessment, Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Oral Patient Presentation, Self-Assessment, Exam - Nationally Normed/Standardized, Subject **N-301**: Exam - Institutionally Developed, Written/Computer-based, Clinical Performance Rating/Checklist, Multisource Assessment, Participation, Clinical Documentation Review, Oral Patient Presentation, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, Exam - Nationally Normed/Standardized, Subject **OB-301**: Narrative Assessment Self-Assessment, Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Oral Patient Presentation, Exam -	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.

			Institutionally Developed, Clinical Performance Participation, Clinical Performance Rating/Checklist, Exam - Nationally Normed/Standardized, Subject **PED-301**: Oral Patient Presentation, Clinical Performance Rating/Checklist, Participation, Clinical Documentation Review, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, Self-Assessment, Exam - Nationally Normed/Standardized, Subject, Multisource Assessment **PS-301**: Clinical Documentation Review, Exam - Institutionally Developed, Clinical Performance, Participation, Self-Assessment, Exam - Institutionally Developed, Written/Computer-based, Multisource Assessment, Clinical Performance Rating/Checklist, Exam - Nationally Normed/Standardized, Subject, Oral Patient Presentation **S-301**: Participation, Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Self-Assessment, Clinical Performance Rating/Checklist, Narrative Assessment, Multisource Assessment, Exam - Institutionally Developed, Clinical Performance, Oral Patient Presentation, Exam - Nationally Normed/Standardized, Subject **Year 4 Assessment Methods** **EM-410**: Clinical Documentation Review, Participation, Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject **IM-451**: Clinical Documentation Review, Participation, Clinical Performance Rating/Checklist, Oral Patient Presentation	
6	Medical Knowledge 2.2 Demonstrate knowledge of how social determinants of health influence patient care and health care outcomes both for the general population as well as vulnerable populations.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis**	**Year 3 Assessment Methods** **FCM-301**: Clinical Performance Rating/Checklist **IM-301**: Clinical Performance Rating/Checklist **N-301**: Clinical Performance Rating/Checklist **OB-301** Clinical Performance Rating/Checklist **PED-301**: Clinical Performance Rating/Checklist **PS-301**: Clinical Performance Rating/Checklist **S-301**: Clinical Performance Rating/Checklist **Year 4 Assessment Methods** **EM-410**: Clinical Performance Rating/Checklist **IM-451**: Clinical Performance Rating/Checklist	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical

		EM-410 - Emergency Medicine IM-451 Ambulatory Medicine		examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
7	Medical Knowledge 2.3 Demonstrate knowledge of clinical and translational research through critique of experimental design, ethical considerations, data, and statistical analysis.	**Year 3: Knowledge; Comprehension; Application, Analysis** NA **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** NA	**Year 3 Assessment Methods** NA **Year 4 Assessment Methods** NA	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
8	Practice-Based Learning and Improvement 3.1 Identify strengths and limitations in one's knowledge, skills, and attitudes, and develop a plan to address deficiencies seeking	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship	**Year 3 Assessment Methods** **FCM-301**: Clinical Performance Rating/Checklist, Narrative Assessment, Research or Project Assessment, Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Multisource Assessment, Oral Patient Presentation, Self-Assessment, Exam - Nationally Normed/Standardized, Subject **IM-301**: Clinical Documentation Review, Narrative	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides

	assistance when needed.	S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	Assessment, Research or Project Assessment, Multisource Assessment, Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Oral Patient Presentation, Self-Assessment, Exam - Nationally Normed/Standardized, Subject **N-301**: Exam - Institutionally Developed, Written/Computer-based, Clinical Performance Rating/Checklist, Multisource Assessment, Clinical Documentation Review, Oral Patient Presentation, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, Exam - Nationally Normed/Standardized, Subject **OB-301**: Narrative Assessment Self-Assessment, Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Oral Patient Presentation, Exam - Institutionally Developed, Clinical Performance Clinical Performance Rating/Checklist, Exam - Nationally Normed/Standardized, Subject **PED-301**: Oral Patient Presentation, Clinical Performance Rating/Checklist, Clinical Documentation Review, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, Self-Assessment, Exam - Nationally Normed/Standardized, Subject, Multisource Assessment **PS-301**: Clinical Documentation Review, Exam - Institutionally Developed, Clinical Performance, Self-Assessment, Exam - Institutionally Developed, Written/Computer-based, Multisource Assessment, Clinical Performance Rating/Checklist, Exam - Nationally Normed/Standardized, Subject, Oral Patient Presentation **S-301**: Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Self-Assessment, Clinical Performance Rating/Checklist, Narrative Assessment, Multisource Assessment, Exam - Institutionally Developed, Clinical Performance, Oral Patient Presentation, Exam - Nationally Normed/Standardized, Subject **Year 4 Assessment Methods** **EM-410**: Clinical Documentation Review, Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject	assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.

			IM-451: Clinical Documentation Review, Clinical Performance Rating/Checklist, Oral Patient Presentation	
9	Practice-Based Learning and Improvement 3.2 Apply evidence from scientific studies to patient care.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Research or Project Assessment, Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Multisource Assessment, Oral Patient Presentation, Self-Assessment, Exam - Nationally Normed/Standardized, Subject **IM-301**: Clinical Documentation Review, Narrative Assessment, Research or Project Assessment, Multisource Assessment, Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Oral Patient Presentation, Self-Assessment, Exam - Nationally Normed/Standardized, Subject **N-301**: Exam - Institutionally Developed, Written/Computer-based, Clinical Performance Rating/Checklist, Multisource Assessment, Participation, Clinical Documentation Review, Oral Patient Presentation, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, Exam - Nationally Normed/Standardized, Subject **OB-301**: Narrative Assessment, Self-Assessment, Clinical Documentation Review, Exam - Institutionally Developed, Written/Computer-based, Oral Patient Presentation, Exam - Institutionally Developed, Clinical Performance, Participation, Clinical Performance Rating/Checklist, Exam - Nationally Normed/Standardized, Subject **PED-301**: Oral Patient Presentation, Clinical Performance Rating/Checklist, Participation, Clinical Documentation Review, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, Self-Assessment, Exam - Nationally Normed/Standardized, Subject, Multisource Assessment **PS-301**: Clinical Documentation Review, Exam - Institutionally Developed, Clinical Performance, Participation, Self-Assessment, Exam - Institutionally Developed, Written/Computer-based, Multisource Assessment, Clinical Performance Rating/Checklist, Exam - Nationally Normed/Standardized, Subject, Oral Patient Presentation **S-301**: Participation, Clinical Documentation Review,	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.

			Exam - Institutionally Developed, Written/Computer-based, Self-Assessment, Clinical Performance Rating/Checklist, Narrative Assessment, Multisource Assessment, Exam - Institutionally Developed, Clinical Performance, Oral Patient Presentation, Exam - Nationally Normed/Standardized, Subject **Year 4 Assessment Methods** **EM-410**: Clinical Documentation Review, Participation, Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Written/Computer-based, Exam - Nationally Normed/Standardized, Subject **IM-451**: Clinical Documentation Review, Participation, Clinical Performance Rating/Checklist, Oral Patient Presentation	
10	Interpersonal and Communication Skills 4.1 Formulate an accurate, focused, and context-specific oral summary and documentation of a clinical encounter.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Research or Project Assessment, Clinical Documentation Review, Oral Patient Presentation **IM-301**: Clinical Documentation Review, Narrative Assessment, Research or Project Assessment, Clinical Performance Rating/Checklist, Oral Patient Presentation **N-301**: Clinical Performance Rating/Checklist, Participation, Clinical Documentation Review, Oral Patient Presentation, Narrative Assessment **OB-301**: Narrative Assessment, Clinical Documentation Review, Oral Patient Presentation, Exam - Institutionally Developed, Clinical Performance Clinical Performance Rating/Checklist **PED-301**: Oral Patient Presentation, Clinical Performance Rating/Checklist, Clinical Documentation Review, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, **PS-301**: Clinical Documentation Review, Exam - Institutionally Developed, Clinical Performance, Clinical Performance Rating/Checklist, Oral Patient Presentation **S-301**: Clinical Documentation Review, Clinical Performance Rating/Checklist, Narrative Assessment, Exam - Institutionally Developed, Clinical Performance, Oral Patient Presentation **Year 4 Assessment Methods**	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.

			EM-410: Clinical Documentation Review, Clinical Performance Rating/Checklist **IM-451**: Clinical Documentation Review, Clinical Performance Rating/Checklist, Oral Patient Presentation	
11	Interpersonal and Communication Skills 4.2 Communicate effectively, respectfully, and compassionately with all patients, families, and health care team members.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Clinical Performance Rating/Checklist **IM-301**: Clinical Performance Rating/Checklist **N-301**: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance **OB-301** Institutionally Developed, Clinical Performance Clinical Performance Rating/Checklist **PED-301**: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance **PS-301**: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance **S-301**: Clinical Performance Rating/Checklist, Exam - Institutionally Developed, Clinical Performance **Year 4 Assessment Methods** **EM-410**: Clinical Performance Rating/Checklist **IM-451**: Clinical Performance Rating/Checklist	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
12	Professionalism 5.1 Show integrity and accountability to patients, society, and the profession of medicine.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **IM-301** Participation, Clinical Performance Rating/Checklist, Narrative Assessment **N-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **OB-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **PED-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **PS-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **S-301**: Participation Participation, Clinical Performance Rating/Checklist, Narrative Assessment	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of

			Year 4 Assessment Methods **EM-410**: Participation, Clinical Performance Rating/Checklist, **IM-451**: Participation, Clinical Performance Rating/Checklist	Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
13	Professionalism 5.2 Demonstrate respect for patient rights including privacy, confidentiality, autonomy, shared decision-making, and informed consent.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **IM-301** Participation, Clinical Performance Rating/Checklist, Narrative Assessment **N-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **OB-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **PED-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **PS-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment **S-301** Participation, Clinical Performance Rating/Checklist, Narrative Assessment **Year 4 Assessment Methods** **EM-410**: Participation, Clinical Performance Rating/Checklist **IM-451**: Participation, Clinical Performance Rating/Checklist	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
14	Systems-Based Practice 6.1 Incorporate considerations of population health, patient experience, and per capita cost in practice.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension;**	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist, Clinical Documentation Review, Oral Patient Presentation **IM-301**: Participation, Clinical Performance Rating/Checklist, Clinical Documentation Review, Oral Patient Presentation **N-301**: Participation, Clinical Performance Rating/Checklist, Clinical Documentation Review, Oral Patient Presentation **OB-301**: Participation, Clinical Performance Rating/Checklist, Clinical Documentation Review, Oral	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical

		Application, Analysis, Synthesis EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	Patient Presentation **PED-301** Participation, Clinical Performance Rating/Checklist, Clinical Documentation Review, Oral Patient Presentation **PS-301**: Participation, Clinical Performance Rating/Checklist, Clinical Documentation Review, Oral Patient Presentation **S-301**: Participation, Clinical Performance Rating/Checklist, Clinical Documentation Review, Oral Patient Presentation **Year 4 Assessment Methods** **EM-410**: Participation, Clinical Performance Rating/Checklist, Clinical Documentation Review, Oral Patient Presentation **IM-451**: Participation, Clinical Performance Rating/Checklist, Clinical Documentation Review, Oral Patient Presentation	examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
15	Systems-Based Practice 6.2 Facilitate and support the coordination of patient care within the context of (an) interprofessional health care system	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Oral Patient Presentation **IM-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Oral Patient Presentation **N-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Oral Patient Presentation **OB-301** Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Oral Patient Presentation **PED-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Oral Patient Presentation **PS-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Oral Patient Presentation **S-301**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Oral Patient Presentation **Year 4 Assessment Methods** **EM-410**: Participation, Clinical Performance Rating/Checklist, Narrative Assessment, Oral Patient Presentation **IM-451**: Clinical Documentation Review, Participation,	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.

			Clinical Performance Rating/Checklist, Oral Patient Presentation	
16	Systems-Based Practice 6.3 Identify systems failures and contribute to a culture of safety and improvement.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist **IM-301**: Participation, Clinical Performance Rating/Checklist **N-301**: Participation, Clinical Performance Rating/Checklist **OB-301**: Participation, Clinical Performance Rating/Checklist **PED-301**: Participation, Clinical Performance Rating/Checklist **PS-301**: Participation, Clinical Performance Rating/Checklist **S-301**:Participation, Clinical Performance Rating/Checklist **Year 4 Assessment Methods** **EM-410**: Participation, Clinical Performance Rating/Checklist **IM-451**: Participation, Clinical Performance Rating/Checklist	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
17	Interprofessional Collaboration 7.1 Demonstrate knowledge of team members' roles and responsibilities, and how members individually and collectively address the health care needs of patients and populations.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist **IM-301**: Participation, Clinical Performance Rating/Checklist **N-301**: Participation, Clinical Performance Rating/Checklist **OB-301**: Participation, Clinical Performance Rating/Checklist **PED-301**: Participation, Clinical Performance Rating/Checklist **PS-301**: Participation, Clinical Performance Rating/Checklist **S-301**: Participation, Clinical Performance Rating/Checklist **Year 4 Assessment Methods** **EM-410**: Participation, Clinical Performance Rating/Checklist	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical

			IM-451: Participation, Clinical Performance Rating/Checklist	curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
18	Interprofessional Collaboration 7.2. Work effectively and respectfully with all team members and coworkers in the health care setting	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Clinical Performance Rating/Checklist **IM-301**: Participation, Clinical Performance Rating/Checklist **N-301**: Participation, Clinical Performance Rating/Checklist **OB-301**: Participation, Clinical Performance Rating/Checklist **PED-301**: Participation, Clinical Performance Rating/Checklist **PS-301**: Participation, Clinical Performance Rating/Checklist **S-301**: Participation, Clinical Performance Rating/Checklist **Year 4 Assessment Methods** **EM-410**: Participation, Clinical Performance Rating/Checklist **IM-451**: Participation, Clinical Performance Rating/Checklist	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
19	Personal and Professional Development 8.1 Use self-reflection to regulate personal and professional behavior and seek assistance when needed.	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Participation, Self-Assessment **IM-301**: Participation, Self-Assessment **N-301**: Participation, Self-Assessment **OB-301**: Participation, Self-Assessment **PED-301**: Participation, Self-Assessment **PS-301**: Participation, Self-Assessment **S-301**: Participation, Self-Assessment **Year 4 Assessment Methods** **EM-410**: Participation, Self-Assessment **IM-451**: Participation, Self-Assessment	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of

				Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.
20	Personal and Professional Development 8.2 Utilize resources (personal, professional and institutional) that provide support and direction for a positive and sustained career in medicine	**Year 3: Knowledge; Comprehension; Application, Analysis** FCM-301 - Family Medicine Clerkship IM-301 - Internal Medicine Clerkship N-301 - Neurology Clerkship OB-301 - Obstetrics, Gynecology, and Women's Health Clerkship PED-301 - Pediatrics Clerkship PS-301 - Psychiatry Clerkship S-301 - Surgery Clerkship **Year 4: Knowledge; Comprehension; Application, Analysis, Synthesis** EM-410 - Emergency Medicine IM-451 Ambulatory Medicine	**Year 3 Assessment Methods** **FCM-301**: Self-Assessment **IM-301** Self-Assessment **N-301**: Self-Assessment **OB-301**: Self-Assessment **PED-301**: Self-Assessment **PS-301**: Self-Assessment **S-301** Self-Assessment **Year 4 Assessment Methods** **EM-410**: Self-Assessment **IM-451**: Self-Assessment	**Year 3 and Year 4** Clerkship and course directors assess student performance on all "artifacts" that they create, such as rubrics. The National Board of Medical Examiners (NBME) provides assessment data for all their exams. The director of clinical skills center reviews and assesses outcomes for all objective structured clinical examinations (OSCEs). The assistant dean of evaluation and assessment in the Office of Curricular Affairs reviews all clerkship clinical grades. The associate dean for clinical curriculum and the Clinical Curriculum Subcommittee are responsible for oversight of courses in Years 3 and 4.

Use of Assessment Data

1. How and when will analyzed data be used by program faculty to make changes in pedagogy, curriculum design, and/or assessment practices?
   Data from learning assessments and student feedback (written and verbal) are used at the end of each course to identify areas of strength and weakness. These data are reviewed in an annual process for each course in the core curriculum. Faculty, course directors, students, and the academic deans in the Office of Curricular Affairs participate in this process administered through the Program Evaluation and Assessment Subcommittee, the Pre-Clerkship Curriculum Subcommittee, and the Clinical Curriculum Subcommittee.

   Gaps in the curriculum are identified through several means. The Curriculum Inventory is a mapping process managed by the Association of American

Medical Colleges (AAMC) and run annually. The resulting report identifies the links between program objectives, course objectives, individual session objectives, instructional methods, assessment methods and resources. This is a robust tool used by our curriculum committees. Additional AAMC data from student surveys (the Year 2 Questionnaire and the Graduation Questionnaire) provide student insights into the curriculum as a whole.

Exam data are reviewed immediately following each exam by the director of assessment and the course directors. In years 1 and 2 questions that do not perform well (for both in-house and NBME exams) are thrown out. New questions for our in-house exams are written by our faculty and reviewed by both the director of assessment and the associate dean for pre-clerkship curriculum. NBME exams in years 3 and 4 are nationally-normed exams and are not subject to our review or modification. The NBME itself makes any changes that they deem necessary to maintain the quality of these exams.

2. How and when will the program faculty evaluate the impact of assessment-informed changes made in previous years?

   The evaluation process described above is iterative. For example, issues brought forth for a course in AY 20-21 are reviewed again in AY 21-22 to see if they have been resolved or continue to be concerns. Assessments which do not perform well, such as an objective structured clinical examination (OSCE) in a year 3 clerkship are reviewed by the director of the clinical skills center in concert with the clerkship directors. Student feedback also plays a role in improving these assessments. All of this work happens on an annual basis.

Additional Questions

1. On what schedule/cycle will program faculty assess each of the program's student learning outcomes? (Please note: It is not recommended to try to assess every outcome every year.)

The Program Evaluation and Assessment Subcommittee is charged (by the LCME, Standard 8, Element 8.3 Curricular Design, Review, Revision/Content Monitoring) with the annual review of the SOM program objectives and their mapping to the Physician Competency Reference Set (PCRS). This subcommittee reviews the objectives, suggests any changes, and assures that each objective is appropriately mapped to the PCRS. The completed review is then forwarded to the Curriculum Committee, chaired by the Senior Associate Dean for Undergraduate Medical Education. This committee reviews the objectives, mapping and gives final approval to any changes. The last review and approval of the SOM Educational Program Objectives was April 21, 2021.

2. Describe how, and the extent to which, program faculty contributed to the development of this plan.

   Course directors map their course objectives to the educational program objectives (EPOs) of the MD Degree Program. They design and manage their assessments, and map these to their course objectives. Staff in the Office of Curricular Affairs assist faculty with this work. These data are entered into OASIS (software used by the SOM) and the data in the tables above are pulled from OASIS. The director of curriculum management provides oversight of the mapped data and reviews it for accuracy.

IMPORTANT: Please remember to submit any rubrics or other assessment tools along with this plan.

Year 1 and Year 3

Rubrics used in several first and second-year courses are included in the attached zip file. These courses also use both in-house (Exam - Institutionally Developed,

Written/Computer-based) and National Board of Medical Examiners (NBME) assessments (Exam - Nationally Normed/Standardized, Subject) that are administered by the NBME online. We do not have copies of NBME exams.

Year 3 and Year 4

Also included in the zip file is an example of a student performance evaluation (Clinical Performance Rating/Checklist) that is used in all seven core clerkships (FCM-301, IM-301, N-301, OB-301, PED-301, PS-301, S-301). Each of these clerkships has its own set of other assessment tools, specific to their discipline. In total, there are perhaps at least 50 different assessment tools in years 3 and 4. If copies are needed, they can be provided. In addition, each clerkship has their own multiple-choice assessments (Exam - Institutionally Developed, Written/Computer-based) and National Board of Medical Examiners (NBME) assessments (Exam - Nationally Normed/Standardized, Subject) which are administered by the NBME online. We do not have copies of these.
Two forms from Year 4—IM-451—are included: the student performance evaluation and the chart review.