

**UPSOM Curriculum Committee
Minutes of the 444th Meeting
June 21, 2021**

Jason Rosenstock, MD, Chair
Bill Yates, PhD, Vice-Chair

Business of the Curriculum Committee on June 21, 2021

Motion	Vote Tally	Approved?
Approval of minutes of June 7 meeting	14 Yes, 0 No	YES
Approval of Marie DeFrances, MD, PhD as Co-chair of Mapping and Integration Subcommittee	16 Yes, 0 No	YES
Creation of Artificial Intelligence Task Force, led by Gisele Hamad, MD	17 Yes, 0 No	YES
Addition of content to OSP-Renal course for AY2021-22	17 Yes, 0 No	YES
Approval of EPO 1	16 Yes, 0 No	YES
Approval of MS1-2 Segment Review	18 Yes, 0 No	YES
Approval of Curriculum Reform as Overall Curriculum Review	15 Yes, 0 No	YES

Voting Members Present: A. Brown, MD; A. McCormick, MD, FAAP; B. Yates, PhD; B. O'Donnell, MD; C. Yanta, MD; E. Ufomata, MD, MS; G. Hamad, MD, FACS, FASMBS; H. Hohmann, MD; J. Rosenstock, MD; J. Duehr, MS3; L. Knepper, MD; L. Borghesi, PhD; M. DeFrances, MD, PhD; M. Schmidt, PhD; M. Granovetter, MSTP; O. Torres, MD, MS; P. Drain, PhD; R. Schuchert, MD; R. Maier, MD, MA; S. Herrle, MD, MS; S. Truschel, PhD; T. Bui, MD; T. Weigel, MS3; V. Agarwal, MD

Ex-Officio Members Present: A. Gonzaga, MD, MS; A. Thompson, MD, MHCPM; B. Piraino, MD; C. Pettigrew, EdD; C. Lance-Jones, PhD; D. DeFranco, PhD; J. Losee, MD, FACS, FAAP; R. Buranosky, MD, MPH

Invited Colleagues and Guests: A. Shoukry, MD; A. Strong; A. Serra, MD, MPH; B. Civi; B. McIvor, MD, FASA; C. Pacella, MD; F. Yates, MLIS; G. Null, MA; J. McGee, MD; J. Maier, MD, PhD; J. Szymusiak, MD, MS, FAAP; K. Maietta; L. Shutter, MD, FNCS, FCCM; M. Nance, MD; M. Elnicki, MD; M. Sergent, MPH; R. Powers, PhD; S. Khan, PhD; S. Gabrielson, MSLIS; S. Templer, DO, FACP, FIDSA; W. Walker, PhD

All members and guests remotely participated.

Greg Null, MA opened the meeting at 4:03pm.

A motion to approve the minutes of the 443rd meeting of the Curriculum Committee was brought before the Curriculum Committee. The minutes were APPROVED.

Standing Committees and Threads

CCES: No Report.

CCQI: Curriculum Continuous Quality Improvement subcommittee shared new course evaluation questions concerning Social medicine topics and clinical integration in basic sciences.

Social Medicine: Dr. Ufomata reminded course and clerkship directors to complete the survey that was sent out today.

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Mapping and Integration: A nomination of Marie DeFrances, MD, PhD as co-chair of the Mapping and Integration subcommittee was brought before the Curriculum Committee. Dr. DeFrances' co-leadership of the subcommittee was APPROVED.

Artificial Intelligence and Machine Learning: The mandate for this task force was reviewed, including purpose, composition, and deliverables due in October 2021. Gisele Hamad, MD was named as Chair of the task force. A motion to approve the creation the Artificial Intelligence and Machine Learning task force, under the direction of Dr. Hamad, was brought before the Curriculum Committee. The motion was APPROVED.

Content Change Request

Course Directors from OSP-Renal submitted a request to add a session on calcium magnesium phosphorus (coordinated with Endocrine course) and a session on race and EGFR. No topics will be removed to make space for these two sessions. A motion to approve the additional two sessions within the OSP-Real course was brought before the Curriculum Committee. The motion was APPROVED.

MS1-2 Segment Review

Dr. Lance-Jones outlined the MS1-2 Segment Review for Academic Year 2020-21. Course changes were reviewed: positioning Pharmacology before Microbiology, the lengthened Skin and Musculoskeletal Diseases course, and the additions of Racism in Medicine and Summer Physiology Prologue. Changes made due to COVID-19 were reviewed. Course evaluation data areas of overall course quality and course organization were reviewed, block-by-block. Reasons for increases in these areas are thought to include streamlined syllabi, more hands-on activities, additional faculty training, and an increase in self-directed learning modules. Due to COVID-19, a decrease in student/faculty interaction led to a feeling of lack of content clarity/too much course content. Summer Physiology Prologue data was reviewed and was highly rated. A review of changes for hands-on Introduction to Patient Care block were reviewed and applauded.

Exam performance was reviewed. Course Directors added weekly quizzes over the last year. Due to COVID-19, Examsoft open-note exams were needed. For AY2021-22, quizzes will now be closed-note to better prepare students for Step 1 and other future exams. Historical Step 1 data was shared and showed UPSOM's results are consistently higher than the national mean. In AY2020-21, many students were delayed in taking Step 1. Of those who have taken Step 1, the results are positive.

LCME metrics from the Graduate Questionnaire (GQ) and LCME School-administered survey were shared. Basic science preparation for clinical rotation data were reviewed, with a focus on courses that fell below the national average. To curb this decrease, strategies such as more practice questions with executive summaries, additions of social determinants of health, and increase in clinical relevance examples were implemented over the past academic year. Overall quality ratings of first and second year show increases since the LCME site visit. Areas of vulnerability were reviewed including clinical relevance in basic science and a need for more narrative assessment.

Goals for the academic year include streamlining key concepts, syllabi, and clinical associations for clarity, increases in self-directed learning, increase in faculty training, additions of social determinants of health and narrative assessment throughout the years, and increased integration between courses including a new MS2 integration exam.

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A motion to accept the MS1-2 Segment Review was brought before the Curriculum Committee. The motion to accept the Segment Review was APPROVED.

Review of Educational Program Objectives: EPO 1

Education Program Objectives 1 was reviewed and included an overview of each sub-objective and where within the curriculum each objective is covered.

As the first objective review, the mapping strategy was explained with discussion on future improvements. Discussions occurred on blending objectives together, the specific nature of sub-objectives, and an annual meta-tagging exercise with all course directors.

Dr. Lance-Jones requested the opportunity for course directors to review topics within their courses to ensure that the tags are correct. The group was in agreement that the review should take place.

A motion to approve EPO 1 was brought before the Curriculum Committee. This motion was APPROVED.

Overall Curriculum Review

Dr. Rosenstock led a discussion on the Committee's mandate requirement of an overall curriculum effectiveness review. In AY20-21, each curricular segment (Preclinical, clerkship, and 4th year) were reviewed. Dr. Rosenstock proposed that Curriculum Reform, in its different phases, act as the full curriculum review. CCQI data was shared to showcase already monitored metrics from throughout the curriculum.

Phase I of the Curriculum Reform Task Force conducted an extensive overall curriculum review, which contributed to specific recommendations for reform. Phase II of the Task Force is continuing that work, reviewing curricular metrics, talking with students, and deliberating on our strengths and areas for improvement. The Task Force, which consists of a mix of Curriculum Committee members and non-members, will complete its work later this year and present the results of this overall curriculum review to the Curriculum Committee, with recommendations.

A motion to accept the work of Curriculum Reform as the curriculum effectiveness review was brought before the Curriculum Committee. This motion was APPROVED.

The next Curriculum Committee meeting will be held on Monday, July 19 at 4pm via Zoom.

Dr. Rosenstock closed the meeting at 5:23pm.

Respectfully submitted by Gregory Null, Recording secretary. Approved by Jason Rosenstock, MD.