

**UPSOM Curriculum Committee
Minutes of the 453th Meeting
December 6, 2021**

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

Business of the Curriculum Committee on Dec 6, 2021

Motion	Vote Tally	Approved?
Approval of Minutes from the Nov 15 meeting	11 Yes, 0 No	YES
Approval of Artificial intelligence/machine learning content in to EBM-A	18 Yes, 0 No	YES
Approval of EPO 13 and EPO 14	16 Yes, 0 No	YES

Voting Members Present: A. Brown, MD; A. McCormick, MD, FAAP; B. Yates, PhD; B. O'Donnell, MD; G. Hamad, MD, FACS, FASMBS; H. Hohmann, MD; J. Waxman, MD, PhD; J. Rosenstock, MD; J. Perkins, MS4; J. Lamb, MS3; L. Burnette, MS1; L. Knepper, MD; L. Borghesi, PhD; M. Schmidt, PhD; O. Torres, MD, MS; P. Drain, PhD; P. Nelson, MS1; R. Schuchert, MD; R. Maier, MD, MA; S. Herrle, MD, MS; S. Truschel, PhD; T. Bui, MD; 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; R. Buranosky, MD, MPH; R. Steinman, MD, PhD

Invited Colleagues and Guests: A. Biller, MD; A. James, MD, PhD; A. Strong; A. Serra, MD, MPH; B. Civi; C. Pacella, MD; C. Schott, MD, MS, RDMS, FACEP; E. Reis, MD; G. Perez, MD; Greg Null, MA; G. Wagner; G. Cooper, MD, PhD; J. Chang, MD; J. McGee, MD; J. Suyama, MD, FACEP; J. Maier, PhD, MD; J. McCausland, MD, MS, FACEP; K. Scott, MS; K. Maietta, MPPM; M. Nance, MD; M. Sergent, MPH; M. Elnicki, MD; R. Van Deusen, MD, MS; S. Visweswaran, MD, PhD; S. Bartlett, MD; S. Templer, DO, FACP, FIDSA; U. Nдох, MBA; W. Walker, PhD

All members and guests remotely participated.

Jason Rosenstock, MD opened the meeting at 4:00pm.

A motion to approve the minutes of the 452nd meeting of the Curriculum Committee was brought before the Curriculum Committee. The minutes were APPROVED.

Standing Committees and Threads

CCES: CCES continues to review ROMS submissions and final curriculum reform. UPSOM received the LCME response from the October 2021 meeting with reported satisfaction in the areas where plans were submitted. More data will be submitted in August 2022 and December 2023.

CCQI: CCQI discussed the LCME response, CCES response to the October notice involving trip lines, and strategies for midyear clerkship evaluation data distribution.

Social Medicine: The Racism in Medicine course will start in January. If faculty are interested in teaching in the course, they should contact Dr. Alaina James at jamesaj@upmc.edu

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Content Change Request

Dr. John Maier outlined the addition of Artificial Intelligence and Machine Learning (AI/ML) into the Evidence-based Medicine-Applied course. Following the recommendations from the AI/ML Task Force last month, the course directors propose adding eight AI/ML introductory competencies to the MS1 course. Assessment will be completed with a pretest/posttest multiple choice question tests. Two lectures will be added (introduction and examples of implementation) along with a video library that describes a neural network machine learning example. Three hours of independent learning will be removed to make room for this content. Educational Program Objective links were discussed.

Student and faculty comments and insights were offered, and included loss of independent learning time, small group consensus on timing, and focus needed on examples of clinically-relevant AI/ML that already exist.

A motion to approve the addition of the AI/ML content in Evidence-based Medicine-Applied was brought before the Curriculum Committee. The Committee APPROVED the addition.

Review of EPOs 14 and 15

Dr. Rosenstock led a discussion of Educational Program Objective (EPO) 14: Appropriate use of testing for diagnostic and therapeutic decisions. The six sub-objectives were reviewed. A map of where each sub-objective is found throughout the curriculum was shared with the Committee. Links to the PCRS and EPAs were identified. The group discussed bedside monitoring examples.

Dr. Rosenstock then led a discussion of Educational Program Objective (EPO) 15: Diagnosis and demonstrate basic understanding of common diseases and conditions. The four sub-objectives were reviewed. A map of where each sub-objective is found throughout the curriculum was shared with the Committee. Links to the PCRS and EPAs were identified. Discussion included adding psychological trauma to 15-3.

A motion to approve EPO 14 and 15 was brought before the Curriculum Committee. The Committee APPROVED EPO 14 and 15.

Policy Creation Policy

Dr. Rosenstock reviewed the policy and procedure for how the UPSOM creates policy. Anyone affiliated with the School can propose new educational policy. Format for documents and route of submission were reviewed. Policy revisions follow the same route. Procedures can be created independently, so long as they are crafted to fulfill the adopted policy.

Existing policies are reviewed every two years by the Educational Policy Committee for appropriateness.

Assessment on Acting Internships

When the Acting Internships completed their report to the Curriculum Committee earlier this year, the Curriculum Committee asked the AI Subcommittee to report back on assessment methods. The Subcommittee felt that the assessment methods should continue were accurate and equitable and will continue in current state.

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Visual Learning Equity

Medical student Jordan Lamb (MS3/CSTP) shared her research on visual learning equity at UPSOM with the Committee. Visual racism is defined as disparate visual learning that results from minimal representation of brown and black skin in medical education. Compiled results of reviews for black/brown skin found in supplemental Step resources was shared. Examples from textbooks and supplemental resources were shared, showing conditions as found on different skin colors.

The Visual Learning Equity Project was reviewed. The goals of the project are to create course auditing system for current courses and to distribute guidelines to achieve equity in the new curriculum/new courses. The course auditing tools were reviewed. The project reviewed 1660 images. Of those images, 71% were white. A course by course breakdown was shared.

Next steps in the project include distribution of findings and visual learning equity format/spectrum with course directors, distribution of resource guide, and assembly of task force to regularly audit content. Implementation expectations, examples, and additional resources were reviewed.

Dr. Rosenstock and Dr. James both thanked Ms. Lamb for her work in this area and for the actionable resources and plans offered to reach visual equity. Dr. Rosenstock reviewed a plan to distribute the data and resources to course directors.

The next meeting is on February 7 at 4pm. Dr. Rosenstock closed the meeting at 5:27pm.
Respectfully submitted by Gregory Null, recording secretary. Approved by Jason Rosenstock, MD