

Meeting Date: November 17th, 2021
Time: 4:00 – 5:33 p.m.
Meeting Location: Zoom
Approval:
Recorded By: Amy Rose

Attendance

Present = X, Absent = 0

Faculty Voting Members

Ahmed, Nayla (Clinical-Medicine)	0	Boardman, Maureen (Preclinical & Clinical- Family Medicine, Community Preceptor Rep)	X	Chow, Vinca (Clinical-Anesthesiology)	0	Crockett, Sarah (Clinical-Emergency Medicine)	X
Hanissian, Paul (Preclinical & Clinical- Obstetrics and Gynecology)	0	Hartford, Alan (Clinical-Medicine)	0	Hofley, Marc (Clinical – Pediatrics)	X	Homeier, Barbara (Preclinical- Pediatrics)	X
Matthew, Leah (Clinical-Family Medicine)	0	Myers, Larry (Preclinical- Medical Education)	X	Nelson, Bill (Preclinical - TDI)	X	Robey, R, Brooks (Preclinical & Clinical- Medicine; Faculty Council Rep)	0
Saunders, James (Clinical-Surgery)	X	Sorensen, Meredith, Chair (Clinical-Surgery)	X	Thompson, Rebecca (Clinical – Neurology)	X		

Student Voting Members

Year 1

Fong, Justin	X	Gil Diaz, Macri	0	Maosulishvili, Tamar	X	Thomason, Helen	X
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Year 2

Carhart, Briggs	X	Fitzsimmons, Emma	X	Thomson, Chris	X	Xu, Jane	0
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Year 3

Banerji, Sarah	0	Cheema, Amal	X	Hanley, Meg	0	Morris, Linda	0
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Year 4

Bertalan, Mia	0	Demas, Falen	X	Minichiello, Joe	X	Sramek, Michael	X
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MD/PhD

Chidawanyika, Tamutenda	0	Kamal, Yasmin	0	Keim, Abigail	X	Reiner, Timothy	X
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Non-Voting Members

Albright, Amanda (Instructional Designer)	X	Borges, Nicole (Chair, Dept. of Medical Education)	X	Chimienti, Sonia Senior Associate Dean for Medical Education	X	Dick III, John (Clinical - Associate Dean Clinical Curriculum)	X
Eastman, Terri (Preclinical - Director, Preclinical Curriculum)	X	Eidtson, Bill (Director, Learning Services)	0	Fountain, Jennifer (Assessment)	X	Holmes, Alison (Associate Dean, Student Affairs)	X

Jaeger, Mikki (Registrar)	X	Kerns, Stephanie (Director, Biomedical Libraries)	X	Lyons, Virginia (Preclinical - Associate Dean Preclinical Curriculum)	X	McAllister, Steve (Director, Educational Technology)	0
Montalbano, Leah (Director, Assessment & Evaluation)	X	Mullins, David (Associate Dean, Biomedical Science Integration Chair, Geisel Academy of Master Educators)	0	Pinto-Powell, Roshini (Associate Dean, Admissions)	X	Reid, Brian (Associate Director, Educational Technology)	X
Ricker, Alison (Clinical - Director, Clinical Curriculum)	X	Rose, Amy (Administrative Support, UME Affairs)	X	Ryan, William N. (Director, Accreditation & CQI)	X	Shaker, Susan (Preclinical- Manager)	0
Vacant (Associate Dean, Diversity, and Inclusion)		Vacant (Associate Dean, Evaluation and Assessment)					

**Student Non-Voting Members
Diversity and Inclusion & Community Engagement (DICE)**

Tersio, Isabelle	0	Conn, Stephen	0				
Vice Chairs for Academics – Student Government							
Minichiello, Joe	X	Morris, Linda	0				

Former MEC Student Members – Student Government

Lindqwister, Alex	0	Morgan, Allie	0				
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Guest(s)

Ratliff, Amanda, MD							

Call to Order

Meredith Sorensen, MD Chair – Medical Education Committee

Meredith Sorensen, called the meeting to order at 4:05pm.

Announcements

Meredith Sorensen, MD

1. There is a change in the review schedule. We have restructured the review schedule so that all 6 clerkship reviews will happen before the April timeframe so that any changes that will happen to the clerkships will be rolled out before the new phase 2 students start.
2. Another call for a working group to review and revise the MEC structure. The subcommittee still needs 2-3 voting faculty members and 1 Phase 2/3 student rep. If the proposed meeting times are keeping you from volunteering, please reach out. Anticipating 4/5 meeting times over the next 2 months. Meredith wants to have a proposal to take to Dean Compton for approval by late winter/early spring. **Reach out to Meredith, Amy or Geisel MEC email.**

Approval of Meeting Minutes

Meredith Sorensen, MD

Approval of October 2021 meeting minutes.

Joe Minichiello made a motion to approve the October 2021 MEC meeting minutes. The motion was seconded by Bill Nelson. The motion passed by a unanimous vote.

Student Issues & Feedback

No student issues were brought to the meeting.

Consent Agenda

Nothing on the consent agenda for this meeting.

New Business

ICX Course Review – Dick III, John

- Meredith summarized the course review document, including the course strengths and recommendations. John summarized the course leader action plan.
- Course Leader Action Plan:
 1. I will work on a revamped EMR session that focuses on the legal and bias aspects.
 2. Will work with GAOC on how to best assess "participation" as a valid assessment method.
 3. Will work with Palliative Care at DH to see how to best incorporate end of life care into ICX.
 4. Will add additional content on the nuances of asking questions in the clinical environment in our clinical learning environment session at orientation.
 5. With the newly approved curriculum calendar we will have more days to work with in AY 22-23.
 6. Will ask the Wellness session leader to incorporate more student input into the wellness session given at orientation.
- There was also a discussion about changing the course name from ICX to a different name, The MEC will add this to the consent agenda and plan to vote on this during the December meeting. Mikki added that the name change should be done by January for registrar purposes. Mikki also informed the MEC that it will be difficult to change the course number on the transcript.

Joe Minichiello and Falen Demas made a motion to accept the ICX Course Review as presented. Seconded by Briggs Carhart. The motion was passed by a unanimous vote.

Medicine Clerkship Review – Ratliff, Amanda, MD

- John Dick summarized the course review document, including the course strengths and recommendations. Amanda Ratliff summarized the course leader action plan.
- Course Leader Action Plan:
 - 1) Update clerkship assessment mapping to add mini CEX and correctly map Clinical Write Up (Complete).
 - 2) Schedule meetings with select LC Leaders over the next 6 months to discuss how topics have been delivered in Phase 1 and ways to integrate and reinforces them within the clerkship years.
 - 3) Explore options to ensure uniform feedback on SOAP notes by building in a development session or using one of the 4 writeups to review individual SOAP notes.
 - 4) Explore opportunities to work with students to better prepare for their daily oral presentations and for faculty to provide more uniform feedback.
 - 5) Revisit how we handle H and P writeups that are submitted for evaluation with the Medicine team--consider allowing specific H and P's to be written as word documents (de-identified) and rather than putting in the chart, send these directly to site directors for review (to save the problems with cut and paste and also the problems with the need to re-type whole H and P's for submission).
 - 6) Create and more clearly share a list of what students should expect to do over the course of the rotation (such as: follow 2-4 patients, write daily notes on each, call consultants, and follow up communication, communicate with families, write orders (with oversight from residents), help with discharge summaries, etc.). Will explore- adding a slide at Orientation, adding a document in the Canvas site, sharing the list with residents and attendings.
 - 7) Carefully map out clerkship structure with the addition of an 8th week.
 - 8) Add section in Canvas to communicate outcomes of the MEC review and responses to student feedback.
- There was a discussion about H&P write-ups and how to balance the length of time it takes (because of retyping due to confidentiality/security reasons) and the value of the assignment. The discussion focused on:
 - Examining the minimum number of write-ups to determine what number was sufficient to show students proficiency.
 - Instead of rewriting an H&P, one assignment could be researching an EBM question pertaining to a patient (eg. Afib management). Stephanie Kerns offered to help come up with an EBMI assessment.
 - The need to work with IT to figure out a way to get around retyping notes without interfering with patient confidentiality.

Joe Minichiello made a motion to accept the Medicine Clerkship Review as presented, Seconded by Amal Cheema & Marc Hofley. The motion was passed by a unanimous vote.

Open Book Policy -Montalbano, Leah

- The student government decided to forward an issue to the MEC along with a recommendation for the MEC to form a subcommittee to explore the option for open-book exams.
- The subcommittee was launched in May 2021 and concluded in September 2021, led by Glenda Shoop. The subcommittee conducted a literature review, reached out to the Association of American medical Colleges Curriculum Community Discussions listserv and connected with 5 peer medical schools.
- The subcommittee members did not agree or disagree with open-book exams and could not conclude that moving to open-book exams was a desirable or beneficial plan for Geisel's Phase 1 assessments.
- The subcommittee did put forth recommendations for how open-book could be implemented if that was the direction MEC wanted to go in, as well as some higher order assessment recommendations:

Open-Book Recommendations:

1. **Full open-book exams with unlimited resources are not acceptable summative assessment methods in Phase 1.**
2. **An open-book question could be added to the exam with attention to the following factors:**
 - Efforts need to be resourced (faculty and student develop, grading structure, and implementation)
 - Only allow restricted resources, defined as the following:
 - Course leader identified resources added into the ExamSoft testing system
 - Course leader identified resources made physically available at the start of the exam
 - Student resources or notes brought into the testing room with a clear understanding of the following:
 - The partner course leader in the block must be informed.
 - At the end of the exam, all the students' physical resources need to be collected and reviewed.
 - Student-created resources will also be available for the closed-book portion of the exam. There is no mechanism to monitor what is written on the notes or observe if students use this material to answer other closed-book questions.
 - Course leaders must prepare students to study for and answer an open-book question.

Higher-Order Assessment Recommendations:

1. **Charge the Geisel Assessment Oversight Committee (or another task force) to investigate concerns with the Phase 1 assessment system brought out during the open-book meetings. Specifically:**
 - a) What level of pre-exam guidance is appropriate, and what is the range currently across the Phase 1 courses?
 - b) What number of exam questions are written to assess the recall of facts versus application of knowledge?
 - c) How aligned are the session objectives across courses, and how are these objectives used in preparing for and creating the exams?

MEC Open-book Policy Discussion

- It was pointed out that writing quality open book question (like those used for continuing certification) require significant faculty development to ensure questions are not recall and truly assess application and analysis.

- The MEC agreed with the subcommittee that unlimited access to the internet should not be allowed.
- MEC members asked if faculty could create a two-part assessment, to include an open-book component?
- Members also asked how this might impact students with accommodations → need to develop students on how to take these types of exams.
- During the discussion, a student mentioned adding an M1 rep to the GAOC.

Chris Thomson made a motion to approve the exam audit/analysis recommendations and table the other recommendations as presented, Seconded by Joe Minichiello. The motion was passed with 1 not in favor vote.

James Saunders made a motion to approve open book recommendations number 1 as presented (Full open-book exams with unlimited resources are not acceptable summative assessment methods in Phase 1) and to add this to the Assessment Methods Document, Seconded by Michael Sramek. The motion was passed by a unanimous vote.

Joe Minichiello made a motion to adjourn meeting. Meredith Sorensen, Chair, adjourned the meeting at 5:33pm.

Ongoing Business

- Evaluation Oversight Committee
- Assessment Oversight Committee
- LCME Oversight Committee
- ABG Interpretation
- Phase 3 Subcommittee

Future Meetings

MEC meetings are the 3rd Wednesday of each month from 4:00 – 5:30 p.m.

- December 15th, 2021
- January 19th, 2022
- February 16th, 2022
- March 16th, 2022
- April 20th, 2022