



**QUILLEN**  
**COLLEGE of MEDICINE**

EAST TENNESSEE STATE UNIVERSITY

**The Medical Student Education Committee (MSEC) of the Quillen College of Medicine met for an Annual Meeting on Tuesday, June 20, 2023 in the Medical Library Basement Classroom.**

**ATTENDANCE**

<b><u>FACULTY MEMBERS</u></b>	<b><u>EX OFFICIO NON-VOTING MEMBERS</u></b>
Ivy Click, EdD, MSEC Chair	Beth Anne Fox, MD, Vice Dean for Academic Affairs
Caroline Abercrombie, MD	Ken Olive, MD, Assoc Dean for Accreditation Compliance
Martha Bird, MD	
Paul Monaco, PhD	<b><u>SUBCOMMITTEE CHAIRS</u></b>
Antonio Rusinol, PhD	
Amanda Stoltz, MD	
	<b><u>ACADEMIC AFFAIRS STAFF</u></b>
<b><u>STUDENT MEMBERS</u></b>	Kortni Dolinger, MS
	Chelsea Gilbert
	Mariela McCandless
<b><u>EX OFFICIO VOTING MEMBERS</u></b>	Aneida Skeens, MPS, Staff
Deidre Pierce, MD	
Melissa Robinson, MD	<b><u>GUESTS</u></b>
Robert Schoborg, PhD	Patti Amadio, MD
Rachel Walden, MLIS	Earl Brown, MD
	Michelle Chandley, PhD
	Jennifer Gibson, MD
	Amy Johnson, EdD
	Kelly Karpa, PhD
	Robert T. Means, Jr., MD
	Blair Reece, MD
	Doug Thewke, PhD

**Meeting Minutes**

Dr. Click opened the annual meeting at 3:30 pm. Dr. Click stated that this is the annual meeting with course and clerkship directors and noted the focus of today's meeting is the integration and coordination of the curriculum as a whole.

Since no official MSEC business is discussed at the annual meeting, no voting action is required for discussed items.

**1. Report: MSEC Activity Summary**

Dr. Click presented the MSEC activity summary for the 2022-23 AY. Dr. Click noted there were 88 activities last year and 62 of the activities had action with votes. Dr. Click stated she categorized the activities as routine, substantive, or major. There were 45 routine activities, 12 substantive activities, and 5 major activities. Dr. Click stated there are 7 items pending completion.

## 2. Breakout Session: Group Discussions on Phase Review Subcommittee Recommendations

Dr. Click stated that during the MSEC Retreat meeting earlier in the day, Dr. Olive presented a report from the Phase Review Subcommittee of their findings following review of the pre-clerkship and clerkship phases of the curriculum. Dr. Click stated the Phase Review Subcommittee presented several recommendations to MSEC for the pre-clerkship and clinical phases of the curriculum. Dr. Click stated instead of discussing the recommendations in today's annual meeting as a whole, attendees will break out into small groups. Dr. Click asked that all pre-clerkship faculty divide into small groups and all clerkship faculty divide into small groups. Dr. Click noted that each group would review recommendations for their phase of the curriculum and discuss how the Phase Review Subcommittee's recommendations they were given should be implemented. Dr. Click stated that after an allotted amount of time, the groups would come back together for discussion of their findings.

The groups were brought back together to discuss their findings of how the Phase Review Subcommittee's recommendations should be implemented. The findings were:

### Pre-clerkship Recommendations

3. Require teaching faculty to review NBME subject exam for the discipline most relevant to the content they are teaching on an annual basis.
  - Identify discipline you are teaching.
  - Identify faculty with expertise to review subject exam
  - Find time every year for proctored exam review.
4. Require course directors to review their content in light of USMLE content outlines and recent past performance to ensure that relevant content is covered in courses.
  - Annually, require course directors to submit a report documenting the following:
    - The date of the meeting of all course faculty where the following tasks are performed:
      - Review USMLE content outline and percentage of frequency of items on Step exams
      - Recent student performance
      - Any response to review – content reorganization, content exclusions/inclusions, percent time spent on other areas
  - Challenges:
    - Time, specific interests, talents, and backgrounds
  - Resources:
    - MSEC template for repository
5. Require the regular use of complex integrative practice test questions in pre-clerkship phase courses. These might be internally written or taken from third party sources such as Amboss or UWorld.
  - YES!
  - Assure that all faculty have full access to both Amboss/UWorld
  - Can be practice questions (pre-work) or in-class questions
  - Give examples of how to use them → a menu
  - Define what “regular” means (Daily, weekly?)
  - Workshop about how to get in and find questions in Amboss and UWorld

- How can faculty modify or adapt questions to fit content being taught?
6. Consideration should be given to requiring a minimum performance on the end of course exams to receive passing grades for the course or to increasing the percent contribution of the end of course exam to the overall grade.
- Should require a minimum score on the customized NBME to pass the course.
    - Passing threshold should be above 2 standard deviations below the predicted score on the exam.
  - Challenges: student pushback, faculty pushback, finances & faculty time
  - Resources:
    - Additional student academic counselors
    - Review of additional/existing outside resources
    - Review benchmarks of success for passing/remediation
    - Increase communication between academic counselors and faculty regarding benchmarks & resources.
  - 20-40% of final exam should come from 1<sup>st</sup> part of course in longer courses
  - More rigorous IRAT questions/pre-quiz → more application questions
  - Don't just give credit for everything in a session (results in too much grade inflation)
  - Yes – passing grade on exam
    - Determine score minimum after examining all NBME data from last year.
  - Challenge: how to remediate → another customized NBME

### Clerkship Recommendations

1. Require teaching faculty to review the NBME subject exam for their discipline annually
  - Challenge: recruitment of teaching faculty
  - Require clerkship directors to review NBME and *relevant* clerkship faculty (not all faculty)
    - Recommend review every three years rather than annually
    - Review UWorld / Amboss questions
  - Resources: time to do this
2. Require clerkship directors to develop a curriculum for each clerkship to cover relevant concepts from NBME subject exams and the USMLE content outline.
  - Resources: Faculty need access to UWorld and Amboss; national content curriculum.
  - Challenge: curriculum should not only teach to NBME

### **3. Basic Science Topics During Clerkships Presentation and Workshop**

Dr. Click presented the results from a survey on topics for basic science curriculum during clerkships. Attendees were asked to review the topics in their small groups and make recommendations on what topics should be covered.

Groups presented specific topics and mechanisms of teaching of basic science in the clerkship curriculum. Several attendees noted that they would like more information from the basic science faculty on gaps in the pre-clerkship curriculum which could inform the clerkship curriculum.

Dr. Means was announced as the Director of the Basic Science in the Clerkship curriculum. He collected information from the groups to be discussed at a future clerkship working group meeting.

The MSEC Annual meeting adjourned at 5:15 p.m.

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**MSEC Meeting Documents**

MSEC Members have access to the meeting documents identified above through the shared Microsoft Teams document storage option made available with their ETSU Email account and login.

**If you are unable to access Microsoft Teams MSEC Team please contact: Aneida Skeens at: [skeensal@etsu.edu](mailto:skeensal@etsu.edu). Telephone contact is: 423-439-6233.**

**MSEC Meeting Dates 2023-2024: (Zoom meetings unless noted)**

July 11, **2023** – 3:30 – 6:00 pm

August 15 – 3:30-6:00 pm

September 19 – 3:30-6:00 pm

October 17 – **Retreat** – 11:30 am-5:00 pm (**in-person**)

November 14 – 3:30-6:00 pm

December 12 – 3:30-6:00 pm

January 16, **2024** – 3:30-6:00 pm

February 20 – **Retreat** – 11:30 am-5:00 pm (**in-person**)

March 19 – 3:30-6:00 pm

April 16 – 3:30-6:00 pm

May 21 – 3:30-6:00 pm

June 18 - **Retreat** – 11:30 am-3:00 pm (**in-person**)

June 18 - **Annual Meeting** – 3:30-5:00 pm (**in-person**)