

## Scientific Foundations Committee

February 9, 2018 (7:30 – 9:00 am)

Mayo B-646

### Meeting Minutes

<b>2017-2018 Scientific Foundations Committee Members and Attendance</b>										
Member & Course	8/11	9/8	10/13	11/10	12/8	1/12	2/9			
<b>Lisa Anderson:</b> Physiology Representative	X	X	X	X	X	X	X			
<b>TBD:</b> INMD 6815 Human Behavior	-	-	-	-	-	-	X			
<b>Matthew Chafee:</b> INMD 6813 Neuroscience	X	-	X	X	X	X	X			
<b>H. Brent Clark:</b> INMD 6823 HHD – N, P, & O <sup>2</sup>	X	X	X	-	X	X	X			
<b>Greg Filice:</b> MS 2 ID Thread	X	-	X	-	-	-	X			
<b>Alicia Harrison:</b> INMD 6822 HHD – R, D, & O	-	X	-	-	-	-	X			
<b>Betsy Hirsch:</b> INMD 6802 Science of Medical Practice	-	-	X	-	-	-	X			
<b>Steve Katz:</b> INMD 6814 Physiology	X	X	X	X	X	X	X			
<b>Bob Kempainen:</b> INMD 6808 HHD – C & R	-	X	X	X	X	X	X			
<b>Eric Leppink:</b> MS1 Student Representative	-		X	X	X	X	X			
<b>Brian Muthyala:</b> INMD 6803/6804/6805 ECM 1, ECM 2, ECM 3A	-	-	-	X	-	X	X			
<b>Kaz Nelson:</b> Chair (INMD 6823 HHD – N, P, & O <sup>2</sup> )	X	-	X	X	X	X	X			
<b>Catherine Niewoehner:</b> INMD 6810 HHD – R & E-R	-	X	X	X	X	X	X			
<b>James Nixon:</b> INMD 6803/6805/6806/6807 ECM 1, ECM 3A/B/C	-	-	-	X	-	-	-			
<b>Jan Norrander:</b> INMD 6821 Human Histology	-	-	-	X	X	-	X			
<b>Deborah Powell:</b> INMD 6817 Principles of Pathology, MS2 Pathology Thread	X	-	X	X	X	X	X			
<b>Michael Ross:</b> INMD 6816 Human Sexuality	-	-	-	-	-	-	-			
<b>Michel Sanders:</b> INMD 6802 Science of Medical Practice	X	X	-	-	X	X	X			
<b>David Sandness:</b> MS2 Student Representative	-	-	X	-	X	X	X			
<b>David Satin:</b> INMD 6803/6804/6805/6806/6807 ECM 1, ECM 2, ECM 3	-	-	-	-	X	-	-			
<b>Kate Shafto:</b> Foundations of Critical Thinking 1 and 2	-	X	X	X	X	-				
<b>Peter Southern:</b> INMD 6812 Micro & Immunology	X	X	X	X	X	X	X			
<b>Heather Thompson Buum:</b> INMD 6811 HHD – GI & Heme	-	-	X	X	X	X	X			
<b>Tony Weinhaus:</b> INMD 6820 Medical Gross Anatomy & Embryology	-	X	-	X	-	X	X			
<b>Kevin Wickman:</b> INMD 6818 Principles of Pharmacology	X	X	X	X	X	-	X			
<b>OTHER REGULAR ATTENDEES</b>										
<b>Wayne Adkisson:</b> <i>CARDIO Pathophysiology Director</i>	-	-	-	-	-	-	X			
<b>Austin Calhoun:</b> <i>Chief of Staff, Medical Education</i>	-	X	-	-	-	-	-			
<b>Greg Connell:</b> <i>PHARM Thread Director</i>	-	-	-	-	-	-	X			
<b>Bob Englander:</b> <i>Associate Dean for UME</i>	X	X	X	X	-	X	-			
<b>Kelaine Haas:</b> <i>Dir of Integrated Curriculum-Foundational Sciences</i>	X	X	X	X	X	-	X			
<b>Mark Hilliard:</b> <i>Academic Technologist</i>	-	-	X	X	X	X	X			
<b>Addy Irvine:</b> <i>Academic Advisor</i>	-	-	X	X	-	-	-			
<b>Chelsey Jernberg:</b> <i>Curric and Evaluation Data Manager</i>	-	X	X	X	X	-	X			
<b>Michael Kim:</b> <i>Assistant Dean for Student Affairs</i>	-	X	X	X	X	-	X			
<b>Jamie Larson:</b> <i>Foundational Curriculum Manager</i>	X	X	X	X	X	X	X			
<b>Joe Oppedisano:</b> <i>Director of Accreditation, Compliance, and Continuous Quality Improvement</i>	-	-	-	-	-	X	X			
<b>Anne Pereira:</b> <i>Assistant Dean for Curriculum</i>	X	X	-	X	X	X	X			
<b>Christina Petersen:</b> <i>Ed. Program Specialist, Center for Educational Innovation</i>	-	-	X	X	X	X	X			

<b>Mary Ramey:</b> MS2 Lab Med/Path Coordinator	-	-	-	-	-	-	-				
<b>Mark Rosenberg:</b> Vice Dean for Medical Education	x	x	x	-	-	-	-				
<b>Scott Slattery:</b> Director of Learner Development	x	x	x	x	x	x	x				
<b>Suzanne van den Hoogenhof:</b> Dir of Op, Assessment & Evaluation	x	-	x	x	-	x	x				
<b>Claudio Violato:</b> Assistant Dean for Assessment & Evaluation	-	x	x	x	x	x	x				

**OTHER ATTENDEES**

Brooke Nesbitt

**MINUTES**

Dr. Clark moved to approve January SFC meeting minutes.

Dr. Powell seconded the motion for approval.

January SFC meeting minutes were approved unanimously by the committee.

**UPDATES/ANNOUNCEMENTS**

**ExamSoft Quiz Update**

Suzanne van den Hoogenhof

Dr. van den Hoogenhof reported that the ExamSoft pilot started with a quiz in Microbiology and Immunology on January 22. She reported that the largest barrier has been that the Disability Resource Center (DRC) is not able to accommodate ExamSoft assessments in-house, which has caused confusion among students. In the future, DRC will supply proctors but the Med School will be responsible for supplying the exam room and proctor support.

Dr. Southern indicated that he was pleased with the first trial. He noted that the next ExamSoft quiz will be held in Microbiology and Immunology on February 12.

Human Behavior and Human Sexuality will be the next courses to introduce ExamSoft assessments.

**LCME Update**

Joe Oppedisano

Dr. Oppedisano reported that during the last LCME site visit, in 2012, there were 13 items identified as either “compliant with need for monitoring” or “non-compliant”. Three areas remain within those two categories: 1. Sufficiency of administrative staff, specifically related to student support, 2. Fair and timely reporting of grades, and 3. Sufficient narrative assessment (notably in MS1 and MS2). The first 2 have remained within the category of “compliant with need for monitoring”. The third item was dropped to non-compliant. In response to these ratings, an action plan will be developed for short and long-term improvements.

Dr. Violato noted that the LCME will require updates from the medical school about each of the three identified items. Related specifically to number 3 above, he noted that the Assessment team is planning to focus on courses with small group components as a means of increasing narrative assessments. He identified two specific areas in which success will be measured: 1. Student survey (April 2018) asking if feedback was timely and useful, 2. Student/facilitator reporting each time feedback is given.

### **Enrollment Update**

Anne Pereira

Dr. Pereira reported that the medical school was previously charged, by the former dean, to increase enrollment each year over the course of the next 5 years. Dr. Tolar, current Medical School Dean, has placed a hold on increased enrollment efforts and has charged the medical school instead with using existing programs to motivate students to enter primary care specialties. Both efforts have been in response to a shortage in Primary Care physicians in Minnesota.

### **Human Behavior CD Position Posted**

Kaz Nelson

Dr. Baldes has retired from the position as the Human Behavior Course Director. The new position is posted. The course runs during MS1 Summer semester.

### **Education Council Updates**

Heather Thompson Boom

Dr. Thompson Boom reported out the highlights of the January 16 Education Council meeting:

- CEC Chair, Betsy Murray, gave an annual update on the Clinical Education Committee, highlighting progress towards goals from 2017 and the work being done towards 2018 goals.
- Claudio Violato gave update from the Committee on Assessment, including an overview of the purpose of the newly formed committee.
- Ed Council is working to define roles and structures within each of the Medical School committees.

### **Student Council Update**

#### **MS2**

David Sandness

David Sandness reported that MS2 courses are drawing to a close, and students are preparing for the Step 1 exam and clinical scheduling. Over 70 students have been notified of LIC placements. Student Council is working with Alumni Affairs to develop a residency hosting program, which would aid MS4 students during the residency interview process by providing alumni mentors and/or hosts through the interview season.

#### **MS1**

Eric Leppink

Eric Leppink reported that the Fall MS1 Education Forum, held January 17, gave students an opportunity to voice concerns about the cognitive load of Fall MS1 and the break-ins that occurred over the course of the fall semester in the Moos/PWB complex. He noted that another forum will be held during Spring semester. Forums are hosted by Bob Englander and Anne Pereira, and serves as a means of updating students about work being done across UME and to solicit direct feedback from students.

### **FACULTY DEVELOPMENT**

#### **Make it Stick: Retrieval Activities**

Christina Petersen

Christina Petersen presented instructional strategies for introducing [retrieval activities](#). See *Make It Stick: The Science of Successful Learning* for additional context. All members received a copy of *Make it Stick* in a previous meeting; Kelaine Haas has additional copies for those who do not yet have one.

Dr. Petersen and Mark Hilliard encouraged faculty to access [z.umn.edu/mededresources](http://z.umn.edu/mededresources) for additional Instructional Resources. [Dr. Petersen](#) also encouraged faculty to reach out to her for individualized resources for their courses.

Peter Brown, co-author of *Make it Stick*, will be presenting as the keynote speaker at Best Practices Day on May 3, 2018. Please see details about the day [here](#) and register [here](#) (registration is free).

## **ANNUAL COURSE REPORTS**

### **Histology**

Jan Norrander

Dr. Norrander presented the [Fall 2017 Human Histology \(INMD 6821\) ACR](#).

### **Pathology**

Deborah Powell

Dr. Powell presented the [Summer 2017 Principles of Pathology \(INMD 6817\) ACR](#).

## **DISCUSSION**

### **Continue Discussion of Curriculum, Assessment, and USMLE**

Anne Pereira

The committee [continued a discussion](#) that began at the January meeting around the way USMLE content is covered in the curriculum. [Suzanne van den Hoogenhof](#) noted that faculty interested in seeing Step 1 discipline questions should reach out to her.

## **Future Agenda Items**

- **Narrative Assessment**
- **USMLE Question Bank**