

Scientific Foundations Committee

April 13, 2018 (7:30 – 9:00 am)

Mayo B-646

Meeting Minutes

2017-2018 Scientific Foundations Committee Members and Attendance										
Member & Course	8/11	9/8	10/13	11/10	12/8	1/12	2/9	3/9	4/13	
Lisa Anderson: Physiology Representative	X	X	X	X	X	X	X	X	X	
Matthew Chafee: INMD 6813 Neuroscience	X	-	X	X	X	X	X	X	X	
H. Brent Clark: INMD 6823 HHD – N, P, & O ²	X	X	X	-	X	X	X	X	X	
Greg Filice: MS 2 ID Thread	X	-	X	-	-	-	X	X	-	
Alicia Harrison: INMD 6822 HHD – R, D, & O	-	X	-	-	-	-	X	-	X	
Betsy Hirsch: INMD 6802 Science of Medical Practice	-	-	X	-	-	-	X	X	-	
Jonathan Homans: INMD 6815 Human Behavior	-	-	-	-	-	-	-	-	-	
Steve Katz: INMD 6814 Physiology	X	X	X	X	X	X	X	-	X	
Bob Kempainen: INMD 6808 HHD – C & R	-	X	X	X	X	X	X	X	X	
Eric Leppink: MS1 Student Representative	-		X	X	X	X	X	X	X	
Brian Muthyala: INMD 6803/6804/6805 ECM 1, ECM 2, ECM 3A	-	-	-	X	-	X	X	X	X	
Kaz Nelson: Chair (INMD 6823 HHD – N, P, & O ²)	X	-	X	X	X	X	X	-	X	
Catherine Niewoehner: INMD 6810 HHD – R & E-R	-	X	X	X	X	X	X	X	X	
James Nixon: INMD 6803/6805/6806/6807 ECM 1, ECM 3A/B/C	-	-	-	X	-	-	-	X	X	
Jan Norrander: INMD 6821 Human Histology	-	-	-	X	X	-	X	X	-	
Deborah Powell: INMD 6817 Principles of Pathology, MS2 Pathology Thread	X	-	X	X	X	X	X	X	X	
Michael Ross: INMD 6816 Human Sexuality	-	-	-	-	-	-	-	-	-	
Michel Sanders: INMD 6802 Science of Medical Practice	X	X	-	-	X	X	X	-	X	
David Sandness: MS2 Student Representative	-	-	X	-	X	X	X	X	X	
David Satin: INMD 6803/6804/6805/6806/6807 ECM 1, ECM 2, ECM 3	-	-	-	-	X	-	-	-	-	
Kate Shafto: Foundations of Critical Thinking 1 and 2	-	X	X	X	X	-		X	X	
Peter Southern: INMD 6812 Micro & Immunology	X	X	X	X	X	X	X	X	X	
Heather Thompson Buum: INMD 6811 HHD – GI & Heme	-	-	X	X	X	X	X	-	X	
Tony Weinhaus: INMD 6820 Medical Gross Anatomy & Embryology	-	X	-	X	-	X	X	-	X	
Kevin Wickman: INMD 6818 Principles of Pharmacology	X	X	X	X	X	-	X	X	X	
OTHER REGULAR ATTENDEES										
Wayne Adkisson: <i>CARDIO Pathophysiology Director</i>	-	-	-	-	-	-	X	-	X	
Austin Calhoun: <i>Chief of Staff, Medical Education</i>	-	X	-	-	-	-	-	-	X	
Greg Connell: <i>PHARM Thread Director</i>	-	-	-	-	-	-	X	-	-	
Bob Englander: <i>Associate Dean for UME</i>	X	X	X	X	-	X	-	-	X	
Kelaine Haas: <i>Dir of Integrated Curriculum-Foundational Sciences</i>	X	X	X	X	X	-	X	X	X	
Mark Hilliard: <i>Academic Technologist</i>	-	-	X	X	X	X	X	X	X	
Addy Irvine: <i>Academic Advisor</i>	-	-	X	X	-	-	-	X	X	
Chelsey Jernberg: <i>Curric and Evaluation Data Manager</i>	-	X	X	X	X	-	X	X	X	
Michael Kim: <i>Assistant Dean for Student Affairs</i>	-	X	X	X	X	-	X	-	X	
Jamie Larson: <i>Foundational Curriculum Manager</i>	X	X	X	X	X	X	X	-	X	
Brooke Nesbitt, <i>Dir of Integrated Curriculum-Clinical Education</i>	-	-	-	-	-	-	X	X	X	
Joe Oppedisano <i>Director of Accreditation, Compliance, and Continuous Quality Improvement</i>	-	-	-	-	-	X	X	X	X	
Anne Pereira: <i>Assistant Dean for Curriculum</i>	X	X	-	X	X	X	X	-	X	

Christina Petersen: Ed. Program Specialist, Center for Educational Innovation	-	-	x	x	x	x	x	x	x		
Mary Ramey: MS2 Lab Med/Path Coordinator	-	-	-	-	-	-	-	-	-		
Mark Rosenberg: Vice Dean for Medical Education	x	x	x	-	-	-	-	-	x		
Scott Slattery: Director of Learner Development	x	x	x	x	x	x	x	x	x		
Suzanne van den Hoogenhof: Dir of Op, Assessment & Evaluation	x	-	x	x	-	x	x	x	-		
Claudio Violato: Assistant Dean for Assessment & Evaluation	-	x	x	x	x	x	x	x	x		

OTHER ATTENDEES Kevin Diebel, Sara Jane Brown

MINUTES

Dr. Niewoehner moved to approve March SFC meeting minutes. Dr. Sanders seconded the motion for approval. March SFC meeting minutes were approved unanimously by the committee.

UPDATES/ANNOUNCEMENTS

Anatomy Curriculum

Tony Weinhaus

Dr. Weinhaus announced that the Medical Gross Anatomy and Embryology (INMD 6820) course is currently under revision, with the help of [Mark Cook](#), [Mercedes Gutierrez](#), two graduate students, Kelaine Haas, and Anne Pereira. The course will move from 32 to 26 sessions, reducing extraneous content while focusing on foundational concepts that will provide students the tools to build more detailed knowledge as they continue into their education and career.

Dr. Haas noted that part of the revision includes new videos (to be watched ahead of each session), which are being recorded in the [1:Button Studio](#). A few of the new videos have been reviewed by a number of current MS1 students for feedback and suggestions; the new videos are well received.

Strategic Plan Update

Bob Englander

Dr. Englander highlighted the goal of Empowering Students from the UME 7 Guiding Principles and Goals. He noted that the goal is *by 2023, we will ensure and facilitate active student contribution in all educational program: as peer educators, voting members in decision-making committees, co-designers of new educational programs, and peer assessors.*

Dr. Englander encouraged members of the committee to seek out ways to include students in curriculum projects and to encourage their contribution and feedback.

LCME Update

Joe Oppedisano

Dr. Englander noted that of the seven citations the Medical School received during the 2012 LCME site visit, 3 remain in 2018: narrative feedback in the pre-clinical courses, accessibility and responsiveness of administrative staff in Student Affairs, and timeliness of grades (especially in the clinical clerkships). Dr. Oppedisano reported the Student Records Manager is currently gathering data around timeliness of grade submissions; the goal will be to develop an improvement plan around timeliness of grade reporting. Dr. Violato has been and will continue to reach out to course directors to implement forms of narrative

student feedback within courses - please continue to consider areas within your course(s) where narrative feedback can be added.

Dr. Oppedisano reported that the LCME requires that the medical school prepare a status report by August 1st to address the three areas of concern. As part of the status report, a student survey is required to gauge student perception of the medical school in each of the three areas. The survey has been released to students and results of that survey will be reported once compiled.

Education Council Update

Heather Thompson Boom

Dr. Thompson Boom reported the highlights of the March 20 Education Council meeting:

- Discussion around student performance on USMLE boards, which included a conversation about how the medical school contributes to student understanding of, and preparation for: content assessed on USMLE boards, content assessed in UME, and the content that is assessed in both.
- Value-added analysis of UME, which considered student scores on MCAT and USMLE Step tests.
- Proposed bylaw amendments, specific to membership and voting structure.

Student Council Update

MS2

David Sandness

MS2 Student Council Rep, David Sadness, will transition from SFC to CEC after the June SFC meeting. MS2 students finished their HHD 5 final exams yesterday, April 12. Students are preparing for USMLE STEP 1, and some students will begin clerkships May 7.

MS1

Eric Leppink

Students appreciated the Dean's Forum, on April 6, which featured a conversation about the philosophy of Medical Education, and allowed students to ask questions about how and why decisions within UME are made. Students have requested that the Dean's Forum become a regular event.

Vice Chair Update

Kaz Nelson

Dr. Nelson announced that the new SFC Vice Chair is Dr. Heather Thompson-Buum.

ACR Format

Kaz Nelson

Dr. Nelson noted that as modifications in process and structure of the ACR continues, SFC will move to one ACR presentation each meeting so that each course is able to present to the committee once every 18 months. Courses will still complete an ACR each year.

Small Group Attendance

Kaz Nelson

Tabled for upcoming meeting.

FACULTY DEVELOPMENT

Make it Stick: Defining Learning

Christina Petersen

Expectations for Students

Dr. Petersen presented the last in the Make it Stick series (presentation available [here](#)).

ANNUAL COURSE REPORTS

Science of Medical Practice

Michel Sanders

Dr. Sanders presented the [Fall 2017 Science of Medical Practice \(INMD 6802\) ACR](#).

DISCUSSION

STEP 1 Scores

Michael Kim

Intro to Learning Development Discussion

Scott Slattery

Dr. Kim and Dr. Slattery presented data related to STEP 1 scores among Twin Cities and Duluth medical students, and plans within Learner Development to enhance STEP 1 prep among students (presentation is available [here](#)).

Future Agenda Items

- **USMLE Question Bank**

Other Announcements

- [Best Practices Day: The Science of Learning](#) is Thursday, May 3.
- AHC is offering a [Fellowship for Teaching in Active Learning Classrooms](#)
- Two MS1 Med Ed Student Interns will be available over the summer to help with curricular projects. Please reach out to [Kelaine Haas](#) if you are interested in help from these summer interns.