

Scientific Foundations Committee

December 12, 2017 (7:30 – 9:00 am)

Mayo B-646

Meeting Minutes

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

Suzanne van den Hoogenhof: Dir of Op, Assessment & Evaluation	x		x	x							
Claudio Violato: Assistant Dean for Assessment & Evaluation		x	x	x	x						

OTHER ATTENDEES

Sara Roberts

MINUTES

Dr. Chafee moved to approve November SFC meeting minutes.

Dr. Powell seconded the motion for approval.

November SFC meeting minutes were approved unanimously by the committee.

UPDATES/ANNOUNCEMENTS

Strategic Plan Update

Anne Pereira

The strategic plan (attached) was developed through extensive collaborative efforts with stakeholders. From the principles and goals within the plan, the goal is to develop specific one year objectives which will drive budget decisions.

SFC Draft Purpose, Structure, Membership, and Governance

Anne Pereira

In an effort to align the structure and organization of each curriculum committee, Education Steering Committee has drafted a description of SFC's Purpose, Structure, Membership, and Governance. The document is attached and was presented at this meeting for input before the document is presented at Education Council, in December, for final approval.

Education Council Updates

Kaz Nelson

Dr. Nelson described the governing structure around the SFC committee. More details around these structures are available on the [Medical Education website](#). She also noted two committees that drive the work done is SFC:

- Education Council (EC) acts as the Curriculum Committee (LCME) carrying out the educational agenda of the Medical School as designated by the Dean. They serve as the approval body for final decisions in curriculum and policy changes/additions/deletions.
- Education Steering Committee (ESC) is appointed by the Dean and is a standing committee of the EC. The ESC is charged with reviewing and recommending actions to the EC regarding issues that affect both horizontal and vertical integration across campuses. The ESC acts on directives by the EC to review major educational issues that incorporate horizontal/vertical bi-campus issues.

Dr. Nelson noted that the next LCME visit is in 2020. The responsibility of the education committees over the next several years is to work to ensure that the medical school is in compliance with educational standards.

Student Council Update

Eric and David

MS2 Student Council representative, David Sadness, reported that the December meeting of Student Council was focused on identifying its one year objectives. He also noted that discussion was held around a pending AHC Social Media Policy, which will focus on professionalism guidelines around social media, across the AHC.

ANNUAL COURSE REPORTS

ECM 1, ECM 2, ECM 3A, ECM 3B

David Satin

(Medical Arts and Social Sciences (MAS) Curriculum)

ECM Course Director David Satin presented an overview of the Essentials of Clinical Medicine course. A brief synopsis is below:

ECM 1 (Fall MS1): MAS focused around Quality Improvement; Clinical skills focused around History and Physical.

ECM 2 (Spring MS1): MAS focused around Ethics and Social Science; Clinical skills focused around History and Physical.

ECM 3A (Summer MS1): MAS focused around Public Health and Health Policy; Clinical skills focused around Sensitive Exam workshops (female breast pelvic, male genital rectal); Process of Clinical Care (POCC) component introduces students to real healthcare environment through either Acute/long term care, Outpatient, or Inpatient focused rotations and didactics.

ECM 3B (Fall MS2): MAS focus is around Advance Ethics, Law, and Integrative Medicine; POCC (Acute/long term care, Outpatient, Inpatient focused rotations and didactics)

ECM 3C (Spring MS2): Mastering Clinical Information; POCC (Acute/long term care, Outpatient, Inpatient focused rotations and didactics)

Longitudinal Project: Occurs longitudinally, across all semesters of ECM. Students choose a project focused on Service Learning, Quality Improvement/Patient Safety, or Public Health and Health Policy. Final semester of ECM includes a conference-style poster sessions at which student present their projects.

Dr. Satin described MAS smart goals (attached). ACRs for each semester of the course are attached.

The committee discussed ways of better integrating content across ECM and the Foundational Sciences courses. Dr. Satin requested more small group facilitator time for ECM in the curriculum. He also noted that he is often asked to add new content topics into ECM. Dr. Pereira explained that introducing lanes in MS3-4 curriculum allows for more opportunities to add electives for MS4 students, which is another way of adding relevant content into the curriculum by shifting focused content into electives and spending time on more broadly relevant content in required courses.

FACULTY DEVELOPMENT

Preparing Students for Active Learning

Christina Peterson

Dr. Peterson lead a discussion around preparing students who may be resistant to active learning activities (PowerPoint is attached). A few questions from the committee emerged from the discussion:

1. Is it possible to include the UMN-TC MD program's philosophy of active learning strategies, and the evidence behind it, in admissions and orientation materials?

2. What are expectations of faculty and the use of active learning techniques moving forward?

Dr. Pereira explained the goal to set aside designated protected time for course directors as they prepare for a move towards active learning. She noted that the vision is not to get to 100% active learning, but to reach the point by 2023, where MS1 and MS2 students are expected to be on campus half of the day, during which 75% of content delivery is geared towards active learning.

DISCUSSION

Future Agenda Items

- None added