

Members Present: Drs. Nidhi Handoo (Chair), John Hellstein, Justine L. Kolker, William J. Synan, Megumi Williamson, Becky Todd, Joni Yoder, Nick Economos (D4), Ryan Mooneyham (D3), Alyssa Spilski (D3), David C. Holmes, Michael Kanellis, Lily T. Garcia, Michelle Krupp

Absent: Drs. Trishul Allareddy, David M. Bohnenkamp, Bruno Das Neves Cavalcanti, Terry J. Lindquist, Tad Mabry, Paula Weistroffer, Sherry Timmons

Guests: Dr. Carolina Cucco

Meeting called to order at 12:05 p.m.

- I. **Approval of February 15, 2019 minutes** – Dr. Handoo
TABLED due to lack of quorum present and due to lack of time, did not call for vote once quorum reached.

- II. **Snapshot – Feedback from Curriculum Committee** – M. Krupp/Dr. Handoo
Curriculum Committee strongly encouraged moving forward with the Snapshot mechanism with the following suggestions:
 - Start tracking student progress in D1 year
 - Clerkship Directors share examples
 - Calibrate faculty on how to use the tool; what constitutes areas of concern and providing feedback.

It was decided to pilot use with remaining groups in clerkships to seek feedback from the Clerkship Directors. The form will be distributed electronically; after completed, either email or return a hard copy to Michelle Krupp. In the future, the form will be incorporated into AxiUm.

***ACTION ITEM:** Add to agenda for next meeting: discuss what is valuable and what expectations are.*

- III. **StartCheck follow-up; FAMD incorporate?, next steps** – Dr. Mabry
Status on StartCheck utilization was discussed:
 - OD – done for each patient
 - ENDO – looks at medical history
 - FAMD – does on paper, not computer
 - OPER – done for each patient, however swipe-approval is not consistent.
 - PROS has found preauthorization not being completed, medical histories missed and faculty not informed.The lack of uniform treatment note writing was also discussed. It was suggested to make notes searchable in order to identify qualitative.

IV. **Clerkship Directors Survey — Biomedical Sciences Integration** – M. Krupp
(Handout)

A “heat” map was created from survey results sent to the clerkship directors regarding what key topics taught by biomed faculty did the clerkship directors indicate were important in their clerkships.

The next step is to determine the best way to obtain the clinical relevance on these topics.

Suggestions from committee:

- Use the heat map, clerkship directors explain in written form topics in red.
- Each department meet to provide the written explanation.
- Start with the broader picture and work backwards.
- Needs to be vertical.
- Department decides where and what level they can teach throughout their courses.

VII. **Roundtable** – Dr. Handoo

- D3/D4 Transition meeting – scheduled on July 19, 2019.
- Prosthodontics is working with Periodontics to ensure crown procedures are completed by May. Some crowns will be completed in the first week of May and some will be finished by fall or in Family Dentistry. Every patient scenario is reviewed as to whether or not it is in fulfillment of a PASS.
- Oral Diagnosis has noticed patients with more challenging needs coming into the school for treatment.
- Endodontics does not have enough patients. There are 35% less cases at this point of the clerkship as there were in the last block. Priority should be given to D4s. Joni Yoder has contacted the community health centers and they have responded positively. Notes: “short” 41 root canals; 7 referrals from the Community health clinic. Follow-up with an email to Dr. Gomez and Dr. Kanellis.
- The crown lengthening predoctoral fee will need to be updated to reflect the change that predoctoral dental students can now perform this procedure in Periodontics. Drs. Kanellis, M. Williamson, and Ms. Yoder will discuss further.
- Dr. Hellstein (handout) – Please review the handout. Please review and send feedback to Dr. Hellstein.
- Operative Dentistry has excessive number of students that return to superblock and/or use their personal days during the Operative rotation; D3s return to complete implant procedures and prefer to skip Operative Dentistry rather than Pediatric Dentistry.

Action Item: It was suggested that the Dean of Students talk to D3 students **not** to request time-off during orientation nor the last day of the block. However, Clerkship Directors do have the right to deny requests.

Next Meeting: May 17, 2019

Minutes recorded: Ms. Brenda Selck

Top 10 Key Topics in Biomedical Courses

Biochemistry	Pharmacology	Microbiology
1. Basic Genetics 2. Biochemistry of RNA, DNA, and proteins 3. Protein Binding and Enzyme Kinetics 4. Bioenergetics 5. Cellular Metabolism 6. Lipids, Lipogenesis, and Lipoproteins 7. Biosignaling/signal transduction 8. Biological Membranes and Transport 9. Biochemistry of the senses 10. Biochemistry of pain relievers	1. Antibiotic Therapy 2. Antibiotic Prophylaxis 3. Pain Management 4. Cardiovascular pharmacotherapy 5. CNS pharmacotherapy 6. Endocrine pharmacotherapy 7. Respiratory pharmacotherapy 8. Immunosuppressive therapy 9. Substance Use Disorders 10. Dental Drug Interactions	1. Immunology 2. Contact hypersensitivity 3. Viral pathogenesis 4. Viral detection 5. Bacterial pathogenesis 6. Periodontal disease in overall health 7. Antibiotic targets 8. Antibiotic resistance 9. Eukaryotic pathogens
Human Physiology	Histology	
1. Membrane excitability and membrane transport 2. Mechanisms of sensory input and processing 3. Skeletal and smooth muscle structure and function; excitation-contraction coupling 4. Central control of movement and coordination; Parkinson's Disease/Huntington's Disease 5. Cardiac excitability and EKG; cardiac pump and systemic vascular function 6. Respiratory function: oxygen/CO₂ transport and systemic acid-base balance 7. Renal control of fluid homeostasis and acid-base balance; renal failure 8. Gastrointestinal function in digestion, absorption and nutrition 9. Endocrine function and pathology; diabetes, adrenocortical control of fluid and energy homeostasis 10. Male and female reproduction; pregnancy and lactation	1. Development, structure, function and classification of all basic tissues: connective tissues, epithelial tissues, muscle and nerve 2. How do bones and joints work? Cartilage and bone structure, biomechanical properties, growth, development, remodeling (inc. endocrine regulation) and repair 3. Tooth development and eruption (inc. relevant embryology) 4. Structure and functional properties of tooth tissues: dentin-pulp complex, periodontium, enamel (inc. amelogenesis) 5. Modeling a differential diagnosis using histology: pattern recognition in histological tissues and the use of this information to form an 'identification differential' (this tissue has features x,y,z so based on this information (symptoms) it cannot be a, b, or c but it could be d and e). 6. Structure and function of the skin, oral mucosae and associated glands (inc. salivary glands) 7. Cells and tissues of the immune system: development and maturation of immune cells in primary lymphoid organs and their differentiation within secondary lymphoid organs (inc. MALT e.g. tonsils) 8. Vasculature and circulation: the structure and function of the heart and blood vessels (inc. angiogenesis) 9. Maintaining homeostasis: the structure and function of major endocrine organs, the kidneys and the liver 10. The airway and respiration: the structure and function of the airway from nasal cavity to alveolus	
Pathology	Anatomy	
1. Cellular necrosis 2. Inflammation 3. Cellular adaptation and repair 4. Metaplasia, dysplasia and neoplasia 5. Immune system diseases 6. G.I. tract diseases 7. Cardiovascular diseases 8. Respiratory system diseases 9. Female and male genital tract diseases 10. Endocrine disorders 11. Hematopoietic diseases 12. Musculoskeletal diseases - Nervous system diseases	1. Organization of the nervous system 2. Blood flow through the head and neck 3. Cranial nerve pathways through the skull 4. Cranial nerve functions and testing 5. Detailed anatomy of the orofacial regions 6. Structural relationships of the head and neck 7. Mastication, Swallowing, Phonation 8. Central and Peripheral nervous system lesions 9. Musculoskeletal concepts of back, neck and upper limb 10. Lymphatic drainage of head/neck	

Student will initiate the form and select the clinic that they will be absent from.

User Forms (D3 Request For Absence) - Keating, William	
3ABREQ	04/19/2019 REQUEST Last Appr.
D3 Request Absence	
Form Question	A
D3 Request For Absence	
To be filled out by the student	
Select Clinic	
Date Requested	
Absence time requested	
Type of absence	
Additional Information (Required)	
Press Calculate button to see current totals already approved.	
☒ Personal Days Used:	
☒ Professional Days Used	
To be filled out by the Clerkship Director	
☐ Absence approved by Clerkship Director	
Additional Comments	
Routing Instructions	
Student -> Clerkship Director(s)	

User Forms (D3 Request For Absence) - Keating, William

3ABREQ 04/19/2019 REQUEST Last Appr. Approve + ✓ ✗ ⌚ 🖨️ 🏃 📅

D3 Request Absence

Form Question	Answer	Date
D3 Request For Absence		
To be filled out by the student		
Select Clinic	Center for Clinical Studies	
Date Requested	Endodontics	
Absence time requested	Faculty General Practice (FGP)	
Type of absence	Family Dentistry	
Additional Information (Required)	Operative Dentistry	
Press Calculate button to see current totals already approved.	Oral Diagnosis (OD)	
Personal Days Used:	Oral Pathology & Medicine	
Professional Days Used:	Oral Surgery	
To be filled out by the Clerkship Director	Orthodontics	
Absence approved by Clerkship Director	Pediatric Dentistry	
Additional Comments	Periodontics	
Routing Instructions	Preventive Dentistry	
Student -> Clerkship Director(s)	Prosthodontics	
	Radiology	
	Special Care	
	Dental Pharmacy	

Calculate

The clinic is required so we can calculate how many approved absences they have used while in that clinic.

User Forms (D3 Request For Absence) - Keating, William

3ABREQ 1771775 04/19/2019 REQUEST Last Appr. Keating, William Approve + ✓ X ↺ 🖨️ 🏃 📅

D3 Request Absence

Form Question	Answer	Date
D3 Request For Absence		
To be filled out by the student		
Select Clinic	Operative Dentistry	04/19/2019
Date Requested	04/25/2019	04/19/2019
Absence time requested	Full day	04/19/2019
Type of absence	Personal Leave	04/19/2019
Additional Information (Required)	Snowboarding	04/19/2019
Press Calculate button to see current totals already approved.		
Personal Days Used:	1	04/19/2019
Professional Days Used	0	04/19/2019
To be filled out by the Clerkship Director		
Absence approved by Clerkship Director		
Additional Comments		
Routing Instructions		
Student -> Clerkship Director(s)		

Once the student fills out the form he/she will assign it to the Clerkship director, which will be a Messenger Group called something like: OPER – Clerkship Director.

When the CD receives the form, he / she will either approve the request or deny it.

- Approve the request and assign it to the Clinic Clerk email sent to student and CD.
- Deny the request which will trigger an email to the student and to the CD. The form goes back to the student.

When the Clinic Clerk receives the form he / she will either approve the request or deny it.

- Approve the request and assign it to the Dean. Email sent to student, CD and CC.

- b. Deny the request, which will trigger an email to the student, CD and to the CC. The form goes back to the student.

If approved the Dean will either approve or deny the request

- c. Approve: Email sent to student and Clerkship Director and Clinic Clerk. Form sent to student
- d. Deny: Email sent to student and Clerkship Director and Clinic Clerk. Form sent to student

absence) - Keating, William

04/19/2019 REQUEST Last Appr. Keating, William Approve + ✓ X

Answer

Add Form Action X

Comment

Status REQUEST

Assigned To REQUEST Request Absence

Message Group APPCD Request Approved Clerkship or Course Director

User APPCC request Approved by Clinic Clerk

APPROV Request Approved By Dean

DENIED Request Denied

OK Cancel

All of the statuses except REQUEST will trigger an email notifying the users that have interacted with the form of a status change. For example, when the status is set to APPCD the system will send an email to the student and to the Clerkship / Course director. When the status is set to APPCC the system will send an email to the student, the Clerkship / Course director and to the Clinic Clerk.