#### ABSTRACT

system, FlipGrid. reflection occurs via the video response via a group rubric, while debriefing and to connect material across graduate and also provide an opportunity for different learners Physiology and Pharmacology curriculums, but also foster a supportive community of learners through the use of discussion based PBLs, but Biomedical Masters in Science (BMS) program recognized as a valuable pedagogical tool. The Problem-based learning (PBL) has long beer medical curriculums. PBL exercises are graded Marian University. PBLs extend our Medical BMS alums and current medical students at by incorporating volunteer facilitators that are is uniquely suited to promote active learning



## ACTIVITY GUIDELINES

- Students report to their assigned rooms in the Evan's
- Facilitator hands out copies of the case study
- Groups are given a few minutes to review the prompted with assigned questions. case, notes, and other sources before being
- Points of emphasis during the discussion:
- Relate pharmacological principles to your case
- When discussing drug(s) to administer also explain how you would discuss with the patient how the drug(s) work.
- At the conclusion of the exercise facilitators fill out one group rubric (See right panel of poster).
- A short individual follow-up reflection video must be posted on FlipGrid by the following afternoon

grade PBL Grades: 2.5% total grade x 4 PBLs = 10% final

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## Hear from our students directly

Scan the codes:





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### Julia Hum, Ph.D.

Assistant Professor of Physiology College of Osteopathic Medicine Marian University

### FEEDBACK RUBRIC

		Scoring		
Areas of Evaluation	Excellent	a Bear W	Below Average	Group
Identification of the Important Issues Related to the Case	der in ent's case	Group identifies some of the key issues to consider in discussing the patient's case	Group identifies only a couple of issues related to the patient's case	
Relation to coursework	and relate to be case and relate to be case and relate to be were to be case and relate to be case.	Group attempts to make cases and related coursework	Group makes no attempt to connect the cases with related coursework	
Drug Intervention(s)	Group provides a judicious and logical description of drug interventions, as well as accurately describes how the drug works and effects the drugs) will have on elevating the patient's symptoms.	Group accurate discusses the mechanism of adion(s) of drug(s) and describes how the drug works to the patient	Group only discusses mechanism of action of drug.	
Discussion Dynamics	Group works well together to provide insightful and through discussion of the patient's cases	Group works together to provide thoughtful discussion of the patient's cases	Group didn't engage well with each other during discussion of patient's cases	
FlipGrid Reflection	Each member of the group uploads a brief reflection of PBL discussion by 12/05 @ noon			
Additional Comments or Feedback:				

#### **BUILDING LEARNING** COMMUNITIES

providing encouragement...." -OMSI facilitator is getting to spend time with the students "One of my favorite parts of acting as a PBL

were in **individual rooms** "I liked how the PBLs facilitators." -BMS and with different

intentionally provide support to the BMS students and let them know that happy to help them out and eager to watch them succeed." - OMSI groups of people on campus that are the former students are one of many "It has been important to me to

course." -BMS Student "The PBL sessions were the greatest thing about this

a facilitator for PBLs. It has been fun as a medical "I have loved the time I've gotten to spend being student to get to revisit this material and know so much more about the practical aspects of these cases." -OMSI

the structure because each facilitator brought new insight and understanding of the important part of why I enjoyed material." –BMS Student "I think the facilitators were an

student, and to meet and get to remember, what I've learned since I saw them as a BMS these cases and see what I wonderful to come back to "As a facilitator, it has been know the current BMS students." - OMSI

> students and spend some learned with the current BMS small tidbits about what I've I was in their shoes." - OMSI time reminiscing about when "I've been able to **share**

these days where we can both share with one another and continue building the bond "It's very **rewarding** to have between our programs." -