## Date
June 17, 2010

## Time
12:00-1:00 PM

## Chair(s)
B. Giffin, PhD & S. Saelinger, PhD

## Scribe
A. Robbins, MSE

## Subject
Basic Science Integration Sub-Taskforce Meeting

## Attendees
S. Baxter, MD; J. Boex, MD; A. Guiot, MD; T. Kirley, PhD; J. Kiesler, MD; M. Lieberman, PhD; J. Lorenz, PhD; D. Lowrie, PhD; B. Mahoney, MD; G. Perrotta, MPH; P. Poulos, PhD; J. Quinlan, MD; L. Wexler, MD; I. Zandvakili

## Visitors
N/A

### Key Points Discussed

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<th>No.</th>
<th>Topic</th>
<th>Highlights</th>
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<td>1</td>
<td>Introduction</td>
<td>At the start of the meeting, members introduced themselves. An explanation of the process and the intent of the Basic Science Integration Sub-Taskforce was communicated. It was acknowledged that the committee members represented a variety of viewpoints and beliefs related to the assigned task and that members needed to be respectful and mindful of others and their opinions.</td>
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<td>2</td>
<td>Housekeeping</td>
<td>The Basic Science Integration Sub-taskforce will be chaired by Drs. Giffin and Saelinger. The task force will meet on the 3rd Thursday from 12-1 pm and the 1st Wednesday from 3-4 pm of each month. Meetings will be held in small group room G501. If members are unable to attend, please notify Angela Robbins prior to each meeting. Hard copies of the documents distributed will not be available at the meeting; therefore, it is the member's responsibility to bring the necessary items to each meeting. A picture profile of the committee has been developed (please refer to the attached document)</td>
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<td>3</td>
<td>CART and Guiding Principles</td>
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Dr. Saelinger provided an overview of the Curriculum Analysis and Revision Taskforce that has charged this committee to help reform the current curriculum to create physicians for the 21st century. The following information was noted:

- Members of CART include faculty, students, and administration.
- The CART has developed a white paper proposal that was presented at a town hall meeting to introduce the guiding principles that have been developed by the committee.
- The CART recognizes the need to develop an integrated curriculum that introduces a variety of teaching modalities to students that will help to enhance their learning while also helping to improve the current board scores. In addition, evidence based medicine and faculty development programs will help drive the new curriculum. Assessment and evaluation of the curriculum will include integrated exams and competency based examinations.
- Drs. Steve Baxter and Anne Gunderson serve as the Chairs of the CART committee.
- The new curriculum will be developed around the ACGME Core Competencies.
- Dr. Laura Wexler raised the question; do we want a system with duplication and choice or one diverse system? The answer given by the chairs was that nothing has currently been set in stone. We as a task force have been given a blank slate to develop a model that encompasses the need to improve the instruction of our future physicians.
- The committee noted that a new assessment system must match what we are teaching and what the students are learning.
| 4 | Basic Science Integration Sub-Taskforce Chargers | The objective of the task force is to develop a 4-year curriculum that:
- Reaches beyond a compendium of discipline-specific factual information
- Promotes critical thinking
- Includes foundations of basic science competence
- Requires clinical application of basic science principles
- Provides advanced basic science exposure in the clinically heavy third and fourth years

Specific Charges of the Basic Science Sub-Taskforce include:
- Identify the course content, topics and knowledge (competency) NECESSARY to maintain the excellent performance of UC students on the NBME Step 1 exam.
- Identify the basic fundamentals course content, topics and knowledge (competency) that are NOT NECESSARY prior to NBME Step 1 exam, but remain critical to student competence prior to graduation and which could be taught in Years III and/or IV.
- Identify various modes of content delivery for particular blocks.
- Identify, in general terms, traditional clinical science content integrated in the current basic science curriculum; include noted gaps or redundancy.
- Partner with the other sub-task forces to enhance revision of the current curriculum to meet the criteria outlined in the sub-task force charge.

| 5 | Dual Nature of LCME Accreditation | The LCME accreditation process is a quality improvement practice by which institutions may assess strengths and weaknesses, and make strategic plans for moving in desired directions. While completing the charge of this committee, we will also look for ways to prepare for the upcoming LCME review.

| 6 | Current and Proposed Schematics of the UC COM Curriculum | Attached you will find the current UC COM curriculum schematic and one possible model of a schematic for the future. The main difference between the two designs is that while the present model has temporal integration, it lacks true integration and the basic and clinical sciences are treated as two separate entities. However, the new curriculum proposal illustrates truly integrated organ-based content blocks that mesh the clinical and basic sciences across all four years of the medical school curriculum. |
### Where do we go from here?

**Timeline for the Basic Science Integration Sub-Taskforce Committee:**

- **By October 1, 2010:**
  - What is our schematic going to be?
    - Sequencing
      - What basic science content can be presented after Step 1?
    - General content for modules
    - Approximate duration of modules
    - Select “module” coordinators and content experts
- **By January 1, 2011**
  - Pedagogical methodologies?
  - Assessments

### Action Plan

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<th>Target Date</th>
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| 1   | By Tuesday, July 6:  
  - Each member of the sub-task force will prepare a possible schematic for presenting the basic sciences during the first “two” years.  
  - This should be a PowerPoint slide sent to bruce.giffin@uc.edu.  
  - At the July 7th meeting we will review each of the suggested schematics.                                                                 | All Committee Members     | July 6, 2010       |

### For Follow-Up

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**Next Meeting** *Thursday, June 10, 2010- 12:00-1:00 PM, CVC Building Room 1919*