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Fall 9-1-2005

# BMED 361.00: Pharmaceutical Sciences Laboratory

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**Instructor**

Richard J. Bridges, Douglas J. Coffin, Diana Lurie, Darrell A. Jackson, Curtis W. Noonan, Francisco Jose Leyva, Mark Pershouse, and Elizabeth A. Putnam

**BMED 361**  
**Pharmaceutical Sciences Laboratory**  
**Autumn, 2005**

**Laboratories:** Tuesdays at 8:10-10:00 A.M./1:10-3:00 P.M.  
Thursdays at 8:10-10:00 A.M./1:10-3:00 P.M.  
Except the **Gross Anatomy** Sessions will be from 8-9 A.M. and Noon-1 P.M. on the designated lab dates (\*).

There is a **mandatory cadaver orientation** in Room 114 immediately after the Pharmacy 309 lecture from noon until 12:30 P.M. on **October 10<sup>th</sup>**. Before the cadaver labs Dr. Rich Gajdosik will present his expectations from professional students dealing with deceased humans!

<u>Instructors</u>	<u>Room Locations</u>	<u>e-mail (*umontana.edu)</u>	<u>Phone # (Office)</u>
Rich Bridges	SB 302	richard.bridges@*	243-4972
Doug Coffin	SB 244	douglas.coffin@*	243-4723
Diana Lurie	SB 304	diana.lurie@*	243-2103
Darrell Jackson	SB 243	darrell.jackson@*	243-5761
Curtis Noonan	SB 055	curtis.noonan@*	243-4957
Francisco Leyva	SB 156	francisco.leyva@*	243-4039
Mark Pershouse	SB 052A	mark.pershouse@*	243-4769
Liz Putnam	SB 152B	elizabeth.putnam@*	243-4794
Jerry Smith	SB 060	jerry.smith@*	243-5788

**Course Coordinator/ head TA:** Jerry Robert Smith /Ava-Gayle Rhule, SB 061,  
ava-gaye.rhule@umontana.edu

**Format:** 1 credit: one 2- hour lab per week.  
Four sections of approximately 16 students each week.

**Materials:** Student handouts, Online materials, Atlases, etc.

**Organization:** The laboratory parallels the coverage of material in various biomedical and pharmaceutical science courses in the required professional pharmacy curriculum.

**Course Objectives:**

1. To provide instruction in anatomy through the use of computers and cadavers.
2. To provide instruction in physiology through the use of computer simulation models and in vivo laboratory techniques.
3. To provide experience in problem solving and critical thinking in the laboratory setting.

**Grading:**

1. Each laboratory is worth 10 points for a total of 120 points for the semester.
2. Grading for each lab will by attendance verification plus any instructor specific evaluation tool(s) such as lab reports or data compilations.
3. The following grades can be earned by achieving the corresponding minimal percentage points as follows: **A-90%, B-80%, C-70%, D-60%, F- <60%**
4. **ATTENDANCE IS MANDATORY!** Students who have not attended a lab and have not turned in a lab report (when required) will not be given credit for that lab. A missed, unexcused lab will lower the course grade by one letter grade.

## Autumn Semester (2004) Lab Schedule

<u>Date</u>	<u>Instructors</u>	<u>TAs</u>	<u>Topic</u>	<u>Lecture Location</u>
<u>Week 2</u> 9/ 6, 9/8	Bridges Putnam	Agarwal, Arnone Fortune	A.D.A.M.	SB 230
<u>Week 3</u> 9/ 13, 15	Coffin	Awes, Wood	Cytology/Histology	SB 230
<u>Week 4</u> 9/20, 22	Lurie	Hall, Sharma	Sensory Function	SB 230
<u>Week 5</u> 9/27, 29	Jackson	Bolin, Tennyson	Sheep Brain Dissection	SB 230
<u>Week 6</u> 10/4, 6	Noonan	Prins, Chao	Statistics	SB 230
<u>*Week 7</u> 10/11, 13	Coffin	Leary, Smartt Leyva	Gross Anatomy I	<b>SB 050</b>
<u>*Week 8</u> 10/18, 20	Coffin	Thullbery Leyva, J. Wilham	Gross Anatomy II	<b>SB 050</b>
<u>Week 9</u> 10/25, 27	Coffin	Mavencamp, Park	Pig Heart Dissection	SB 230
<u>Week 10</u> 11/1, 3	Parker Bridges	Girtsman, Erbe	ECG, EMG, EEG	SB 230
<u>Week 11</u> 11/8, 10	Smith	Thakur, Holley	Cardiovascular Assessment	SB230
<u>Week 12</u> 11/15, 17	Smith	L. Wilham, Lyda	Blood Analyses	SB 230
<u>Week 13</u> 11/22, 24	Thanksgiving Break			
<u>Week 14</u> 11/29, 12/1	Pershouse	Hassani, Rova	Respiratory Function	SB230

\* Cadaver lab times:

Tuesdays: 8-9 a.m.; Noon -1 pm

Thursdays: 8-9 a.m.; Noon -1 pm