

Syllabus: Scientific Communication BMIF 316a Fall

<u>Instructors:</u>	Randolph A. Miller Dominik Aronsky	
<u>Prerequisite:</u>	none	
<u>Reading material:</u>	Lester S King, Why not say it clearly. (text will be provided) William Strunk & EB White. The elements of Style. Additional reading and practice material will be provided during the course	
<u>Grading:</u>	letter grade criteria:	
	class attendance & participation	20%
	homework assignments (mid-term exam/exercise?)	40%
	Presentations	10%
	(final exam?)	30%
<u>Homework assignments:</u>	Prepare in MS Word using "Track changes" mode Due date/time: Midnight on the day before the class	

Class description for BMIF 316 A&B:

The course will enhance students' skills in written and oral scientific communication. An introductory segment covers categories of scientific writing, the peer review process, and ethical issues in research communication. Through a two-semester sequence, it provides direct, hands-on experience in writing papers, abstracts, and grant proposals; critiquing and copy editing; and, preparing and giving presentations for scientific meetings. FALL, SPRING. [1-1]

Schedule/Syllabus

Fall Semester

Wk	Topic	Presenter	Reading/Homework		
			Lester King	Strunk & White	Other
1	Introduction	Miller/Aronsky	Ch. 1 & 2	Ch. 1 & 2	Writing exercise; journals
2	Structure of scientific papers	Miller/Aronsky	Ch. 3		Writing exercise
3	Oral presentations	Miller/Aronsky	Ch. 4 & 5	Ch. 3 & 4	Writing exercise
4	Submission process	Miller/Aronsky	Ch. 6 & 7	Ch. 5	Writing exercise
5	Editor's perspective/review process	Miller/Aronsky	Ch. 8		Writing exercise
6	Oral presentations	Miller/Aronsky			Writing exercise
7	Posters / abstracts	Miller/Aronsky			
8	NO CLASS	Fall break			
9	Ethical aspects	Miller/Aronsky			
10	Posters / abstracts	Miller/Aronsky			
11	AMIA Fall Symposium	No class			AMIA exercises: paper/poster