## Nobel Discoveries in Biochemistry and Medicine: Dynamite to Viagra® TENTATIVE SYLLABUS (Rev. 1, 9/9/2007)

## DATE

DAIL	
M, Sept 10	Course objectives, expectations, reading/writing assignments, grading; Nobel Prize trivial pursuit Worksheets on bioethics - Group 1 – 19; Group 2 – 14; Group 3 - 4; Group 4 - 12; Group 5 – 18 RSVP by Wed, 12 Sept, Third by Wendy Wasserstein, The Space Theatre, Denver Theater Company. 18 Sept 6:30PM
W, Sept 12	Presentations: Group 1 – 19; Group 2 – 14; Group 4 - 12; Group 5 – 15; Autopsy of the presentations (Discussion of the content and process); more Nobel Prize trivia  Bioethics worksheets: Group 1–21; Group 2–8; Group 3–9; Group 4 - 10; Group 5 – 11  Start reading The Double Helix (J. D, Watson's) –pages. vii - 74 by Sep 17 deadline
M, Sept 17	Bioethics presentations: Group 1– 21; Group 2– 8; Group 3– 9; Group 4 - 10; Group 5 – 11; Life of Alfred Nobel; Worksheets on first 74 pages of Watson's book
Tues, 18 Sept. W, Sept 19;	Third by Wendy Wasserstein, The Space Theatre, Denver Theater Company, 6:30PM; Light Rail to Convention Center stop  Bioethics Group 3 – 4; Group Presentations: first 74 pages in Watson's book (each group will represent a character in the book and interrogate each other); Alfred Nobel [time permitting];  RSVP by September 21/22 for Hunger Banquet Thursday, September 27th, 4:30-6:30pm, Sturm College of Law Forum
M, Sept 24	(Lobby) – BRING YOUR LAPTOP NEXT MONDAY <b>LAPTOPS REQ'D</b> Internet searching and Google, Joseph Kraus, Science Librarian; Bioethics worksheets: Group 1–1; Group 2 – 3; Group 3 – 7; Group 4 – 6[12 <sup>th</sup> ed] 5[11 <sup>th</sup> ed]; Group 5 – 20
W, Sept 26	Bioethics presentations: Group 1–1; Group 2 – 3; Group 3 – 7; Group 4 – 6/5; Group 5 – 20; Peer evaluation #1
	Start reading The Double Helix (J. D, Watson's) –pages 75-140 by Oct 8 deadline
M, Oct 1 LJB in Poland	Moody, Sullen Girls, Angry Hostile Boy: Intro to Orthomolecular Medicine and Neurochemistry, Dr. Phyllis Bronson, Aspen Institute
W. Oct 3 LJB in Poland	Dazed and Confused Workshop – help with what to major in and/or career direction; Pat O'Keefe, Ruth Prochnow, Career Center First-Year Transitions, Daniel Kast, Director, Citizenship & Community Standards
	Oct 3, 5:30PM-7PM: Hunger Banquet, Driscoll Center Ballroom (food will be provided!) RSVP by Sept. 22 RSVP by October 5 India Jazz Suites Friday, October 12, 2007, 2:30 pm Newman Center Start reading The Double Helix (J. D, Watson) pgs. 141-end by Oct. 15 deadline
M, Oct 8	Nobel Prize Week I and Nobel Prize history; Worksheets on pages 75-140, Watson's book;
W. Oct 10	Stress and time management, Ben Brewer and Rob Durr, Health & Counseling Center; Nobel Prize presentation; Group Presentations - pages 75-140 in Watson's book Finish reading The Double Helix (J. D, Watson's) -pages pgs. 141-end by Oct. 15 deadline
M, Oct 15	Nobel Prize Week II Nobel Prize presentations; Worksheets on Watson book pages 141-end; Alfred Nobel and others Nitric Oxide and nitroglycerin
R, Oct. 11	Madame Curie, 6PM, Olin 205(tent.); Start reading Intuition -parts I-III - pg 144 by Oct. 22 deadline
W. Oct 17	Nobel Prize presentations; Presentations -pages 141-end Watson's book; Video: Race for the Double Helix [Watson, Crick, Wilkins, Peter Pauling, Chargraff, etc] 6PM-8PM, Chancellor's dinner; Ritchie Center, 4th floor; Finish reading Intuition –parts I-III - pg 144 by Oct. 22 deadline
Sun, Oct 21	Organ concert and tour of the organ, Horst Buchholz; 3 p.m 4:30pm, Newman Center; Hamilton Hall Start reading Intuition – pgs 145-233 by Oct. 24 deadline
M, Oct 22;	Nobel Prizes in Peace; Literature; Worksheets on <i>Intuition</i> –parts I-III - pg 144;  Term paper planning – all groups should schedule informal, short meetings with LJB for topic approval, help, input, advice
T, Oct 23; 7PM	Bridges to the Future: Benjamin Barber, University of Maryland and President and Director of CivWorld, Newman Center; Term paper planning – all groups should have scheduled informal, short meetings with LJB for more topic help and advice
W. Oct 24	Group Presentations on <i>Intuition</i> –parts I-III - pg 144; Worksheets on <i>Intuition</i> pgs. 145-233; Nitric Oxide and nitroglycerin
	Finish Intuition – pgs 234- end Oct. 29 deadline
Sun, Oct 28	4:30-8:00 Halloween Party?
M, Oct 29	Presentations on <i>Intuition</i> pgs. 145-233; Worksheets on <i>Intuition</i> pgs 234- end; term paper planning discussions
W. Oct 31	Group Presentations on <i>Intuition</i> pgs 234- end; Interview with Allegra Goodman; more term paper planning discussions; Peer evaluation #2
M, Nov 5	Final term paper planning discussions; Nitric Oxide and Viagra;
W. Nov 7	Volunteer early term paper presentations: Nitric Oxide and Viagra; Finish next to last draft of term paper
M, Nov 12.	Term paper presentations: Group 1; Group 2; Group 3; Group 4; Group 5
W Nov 14	Last day of classes -continuation of term paper presentations; loose ends
	Term paper deadline: 5PM Olin 204 (late submissions not advised; study for Final Exams!)