

09/02/08	1	09/09/08	2	09/16/08	3	09/23/08	4	9/30/08	5	10/07/08	6	10/14/08	7	10/21/08	8
12:00-4:00 Course Introduction & Mentoring Workshop		NIH structure and Grant Review Process / PHS 398 (Kraemer)		Review of an existing Grant (Kraemer)		Grant Strategies / Specific Aims (Kraemer)		Review of existing grants		Review of existing grants		Presentations: Specific Aims		Presentations: Specific Aims	
				A				A		A		1		1	
10/28/08	9	11/04/08	10	11/11/08	11	11/18/08	12	11/25/08	13	12/02/08	14	12/9/08	15	12/16/08	16
Grant "best practices" (Rubio) Administrative and Budget Management		Non-NIH Funding Sources		Presentations: Revised Specific Aims		Presentations: Revised Specific Aims		Linking Aims to Methods (Roberts) Working with a Statistician (Moore)		Overview of K Awards Roundtable of past/current K awardees		Presentations: Study Design & Methods (Statistician Present) 3		Presentations: Study Design & Methods (Statistician Present) 3	
				2		2						3		3	
01/06/09	17	01/13/09	18	01/20/09	19	01/27/09	20	02/03/09	21	02/10/09	22	02/17/09	23	02/24/09	24
Presentations: Study Design & Methods (Statistician Present) 3		Presentations: Study Design & Methods (Statistician Present) 3		Background & Significance, Preliminary Work Human Subjects (Kraemer)		Presentations: Proposal progress		Presentations: Proposal progress		Responding to Reviewer Critiques (Kraemer)		Presentations: Proposal progress		Presentations: Proposal progress	
						4		4				4		4	
03/03/09	E-1	03/10/09	E-2	03/17/09	E-3	03/24/09	25	03/31/09	26	04/07/09	E-4	04/14/09	E-5	04/21/09	E-6
2050 (Ethics) Working with the IRB (Seltzer)		2050 (Ethics) Discussion of Sample Protocols (Barnard)		2050 (Ethics) Scientific Integrity and Misconduct (Rosenberg)		Statistical Review Statistician Present		Statistical Review Statistician Present		2050 (Ethics) Informed Consent (Barnard)		2050 (Ethics) Randomized Clinical Trials (Barnard)		2050 (Ethics) Special Populations (Barnard)	
						4		4	5						
04/28/09	E-7	05/05/09	E-8	05/12/09	27	05/19/09	28	05/26/09	29						
2050 (Ethics) Mock IRB (Barnard)		2050 (Ethics) Mock IRB (Barnard)		Mock Study Section: Peer Review of Final Proposals		Mock Study Section: Peer Review of Final Proposals		Seminar Wrap-Up							
6		7	6	B		B									

Description of Written Assignments (correlate to outer left corner of class session blocks)

Individual Project-Related Assignments

Peer Review-Related Assignments

COURSE FACULTY:

IMPORTANT:

- 1 Completed 1 page Specific Aims section
- 2 Completed Revised Specific Aims
- 3 Completed preliminary study design and methods section
- 4 Updated proposal
- 5 Complete draft of proposal due 4/1/09 (small group leaders will be expected to provide extensive feedback by 4/15/09)
- 6 Formal IRB Application
- 7 **Completed Final Research Grant Proposal Due May 1, 2009**

- A** Written review of assigned grant proposal for existing grant review session
- B** Written peer review of classmate's grant proposal

CLRES 2071/2072
Course Director: Kevin Kraemer, MD

Large group lectures shown in gray boxes.

Small Group Leaders:

Kevin Kraemer, MD
 Larissa Myaskovsky, PhD
 Naftali Kaminski, MD
 Kent Kwoh, MD
 Stephanie Studenski, MD
 Susan Zickmund, PhD
 Brian Davis, PhD

Small group meetings shown in white boxes.

75% Attendance is required.

CLRES 2050
Course Director: David Barnard, PhD