

**Registration information for Spring 2010 (Term 2104)
Degree Granting Programs in Clinical Research**

Class Nbr.	Subject/Catalog Number	Course title	Instructor(s)	Credits	Days	Time	Room/Bldg
37283	CLRES 2005	Computer Methods in Clinical Research	Mark Roberts	1	M Tu W F	1:00 – 5:00 1/4 – 1/8	222 Parkvale
37281	CLRES 2010	Clinical Research Methods	Sunday Clark, Deb Bogen, Bruce Rollman, Janice Zgibor	3	Tu Th (Lecture) Th (Recitation)	8:30 – 10:15 1/5 – 4/1 1/7 – 4/1 2:00 – 3:00	305 A/B Parkvale
38790	CLRES 2020	Biostatistics	Doug Landsittel	4	Tu Th (Lecture) Tu Th (Recitation) Tu (Lab)	10:30 – 12:00 1/5 – 4/1 1:00 – 2:00 1/7 – 4/1 2:00 – 5:00 1/12 – 3/30	222 Parkvale
21350	CLRES 2023	Survival Analysis	Joyce Chang	1	M W	1:00 – 3:00 1/11 – 2/8	222 Parkvale
21352	CLRES 2024	Applied Non-Parametric Statistics	John Wilson	1	M W	1:00 – 3:00 3/1 – 3/24	222 Parkvale
37279	CLRES 2040	Measurement in Clinical Research	Terri Collin Dilmore	1	W	3:00 – 5:00 1/13 – 3/3	305 A/B Parkvale
21318	CLRES 2050	Ethics and Regulation in Clinical Research	David Barnard	1	Tu	1:00 – 3:00 3/2 – 4/20 1:00 – 5:00 4/27 (No Class 3/23, 3/30)	305 A/B Parkvale
22410	CLRES 2050	Ethics and Regulation in Clinical Research	David Barnard	1	Online*	Online* 3/2 – 4/27	Online*
21394	CLRES 2072	Research Design and Development Seminar Part II	Kevin Kraemer, Naftali Kaminski, Stephanie Studenski	2	Tu	1:00 – 3:00 1/5 – 5/25	305 A/B Parkvale
21308	CLRES 2080	Masters Thesis Research	Mark Roberts	3	By Appt	By Appt	No room required
37277	CLRES 2085	Independent Study	Cindy Bryce	1 - 3	By Appt	By Appt	No room required
37278	CLRES 2085	Independent Study	Mark Roberts	1 - 3	By Appt	By Appt	No room required
21310	CLRES 2100	Outcomes and Effectiveness Research Methods	Wishwa Kapoor	2	M W	3:00 – 5:00 3/1 – 4/21	305 A Parkvale
21402	CLRES 2124	Directed Study in DA & CEA	Mark Roberts, Ken Smith, Cindy Bryce	1 – 3	By Appt	By Appt	No room required
37275	CLRES 2130	Health Services Research Using Secondary Data: Didactic Course	Amber Barnato, Cindy Bryce	1	Online**	Online** 1/4 – 3/8	Online**

Continuing students: Last day to register without penalty is Friday, December 11, 2009.

* Hybrid Course – Requires attendance to live session on April 27, 2010 1 – 5pm, 305A/B Parkvale

** Hybrid Course – Requires attendance to live session on January 8, 2010 and one additional date TBD (time/room TBD)

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37276	CLRES 2131	Health Services Research Using Secondary Data: Project Course	Amber Barnato, Cindy Bryce	3	Must have permission to register Please contact Jessica Dornin		
22426	CLRES 2140	Best Practice of Clinical Research	Jim Bost, Doris Rubio	1	Online	Online 4/1 – 4/30	Online
21360	CLRES 2320	Clinical Trials Practicum	Charity Moore	2 – 3	By Appt	By Appt	No room required
21392	CLRES 2400	Qualitative Research Methods	Judy Chang, Susan Zickmund	1	Tu	3:30 – 5:30 2/23 – 4/13	305 A Parkvale
37274	CLRES 2520	Special Issues in Clinical Trials in Older Populations	Stephanie Studenski	1	W	4:00 – 7:00 3/31 – 4/28	219 Parkvale
36128	CLRES 2610	Research Methods in Palliative Care	Bob Arnold	1	M	4:00 – 6:00 4/12 – 6/7	G - 100 MUH
38826	CLRES 2705	Maximizing Resources from the Benchtop to the Worldwide Web	Ansuman Chattopadhyay	1	Tu Th	10:00 – 12:00 3/2 – 3/25	219 Parkvale
38820	CLRES 2715	Understanding and Applying OMICS	Shanta Zimmer	1	M W	1:00 – 3:00 4/5 – 4/28	305 A Parkvale
22420	CLRES 2730	From Benchtop to Bedside: What Every Scientist Needs to Know	Office of Enterprise Development	1	Tu	5:00 – 8:00 1/26 – 3/30	TBD
31420	CLRES 2800	Fundamentals in Clinical Trials	Charity Moore, Sunday Clark	1	M W	10:00 – Noon 1/4 – 2/1	305 A Parkvale
31418	CLRES 2810	Statistical Methods and Issues in Clinical Trials	Charity Moore, Sunday Clark	1	M W	10:00 – Noon 2/3 – 3/1	305 A Parkvale
31422	CLRES 2820	Special Topics in Clinical Trials	Charity Moore, Sunday Clark	1	M W	10:00 – Noon 3/3 – 3/29	305 A Parkvale
36676	CLRES 3010	Directed Reading And Research	Mark Roberts	1 - 3	By Appt	By Appt	No room required
36678	CLRES 3010	Directed Reading And Research	Galen Switzer	1 - 3	By Appt	By Appt	No room required
22412	MEDEDU 2140	Medical Writing and Presentation Skills – <u>By Permission Only: Contact Jessica Dornin</u>	Mary Ganguli, Kevin Kraemer, Sharon Maddox	1	F	2:00 – 4:00 2/5 – 3/19 1:00 – 5:00 3/26	305 A Parkvale

The following courses are approved as possible electives for both the Certificate and the Master of Science in Clinical Research and are offered by other University departments:

Class Nbr.	Subject/Catalog Number	Course title	Instructor(s)	Credits	Days	Time	Bldg/Room
23354	BCHS 3002	Health Survey Method	Donald Musa	3	W	2:00 – 5:00 1/6 – 5/1	A622 PUBHL
23332	HUGEN 2025	Human Genetic Seminar	Susanne Gollin	0	F	Noon – 1:25 1/6 – 5/1	A115 PUBHL
23362	HUGEN 2034	Introduction to Human Biochemistry and Molecular Genetics	Mohammad Kamboh	3	M W	Noon – 1:25 1/6 – 5/1	A216 PUBHL
23346	IDM 2002	Molecular Virology	Fred Homa	2	W F	2:00 – 3:00 1/6 – 5/1	TBD

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21234	MSBMG 2520	Eukaryotic Molecular Genetics	John Chaillet	2	Tu	1:00 – 3:00 1/6 – 5/1	BST
21296	MSCBMP 2852	Research Seminar/Cell Biology Membrane Traffic	Gerard Apodaca	1	W	10:30 – 11:25 1/6 – 5/1	TBD
21316	MSCBMP 2880	Cell Biology of Normal and Disease State	Gerard Apodaca, Raymond Frizzell	3	Tu Th	10:30 – Noon 1/6 – 5/1	TBD
21292	MSCMP 2730	Molecular Mechanisms of Tissue Growth and Differentiation	Aaron Bell, Sikandar Katyal	3	M W F	3:00 – 4:00 1/6 – 5/1	618 Scaife
21354	MSCMP 2740	Molecular Pathology	Lisa Robinson, Tim Oury	3	Tu Th	3:00 – 4:00 1/6 – 5/1 3:00 – 5:00 1/6 – 5/1	TBD
21366	MSCMP 3750	Angiogenesis	Shiyuan Cheng	3	M Th	10:00 – 11:15 1/6 – 5/1	BST
21260	MSIMM 2210	Comprehensive Immunology	Lisa Borghesi	2	M F	9:00 – 10:00 1/6 – 5/1	TBD
21262	MSIMM 2230	Experimental Basis of Immunology	Penelope Morel	2	W	9:00 – 11:00 1/6 – 5/1	TBD
21264	MSIMM 3220	Contemporary Topics in Immunology	Lawrence Kane	1	Th	10:30 – 11:25 1/6 – 5/1	TBD
21304	MSMVM 2420	Experimental Virology	Maryann Merranko, Paul Kinchington	1	F	10:15 – 11:25 1/6 – 5/1	1295 BST
23230	PHARM 3027	Topics In Biopharmaceutics and Pharmacokinetics	Raman Venkataramanan	2	TBD	TBA 1/6 – 5/1	TBD

Students may take other courses offered by the University, subject to approval by their advisor and the Institute for Clinical Research Education.

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