| Class<br>Number  | Subject / Catalog<br>Number | Course Title                             | Instructor(s)                                    | Credits               | Days                  | Time   | Room /<br>Building  |
|------------------|-----------------------------|--|--|-----------------------|-----------------------|--|---------------------|
| 21971            | CLRES 2005                  | Computer Methods in Clinical<br>Research | Doris Rubio                                      | 1                     | Th, F                 | 8:30-12:00<br>1:00-5:00<br>1/6<br>8:30-12:00<br>1:00-5:00<br>1/7 | 222 Parkvale        |
| 24538            | CLRES 2010                  | Clinical Research Methods                | Sunday Clark,<br>Bruce Rollman,<br>Janice Zgibor | 3                     | M, W, F<br>(lectures) | 12:00-1:45<br>1/10-3/4   | 222 Parkvale        |
| 24336            | CLRES 2010                  |  |  |                       | W<br>(recitations)    | 8:30-10:00<br>1/12-3/2   | 305 A/B<br>Parkvale |
| 23287 CLRES 2020 |                             |  |  | M, W, F<br>(lectures) | 3:30-5:00<br>1/10-3/4 | 305A/B<br>Parkvale<br>(1/10-2/25)<br>222 Parkvale<br>(2/28-3/4)  |                     |
|                  | CLRES 2020                  | Biostatistics                            | Doug Landsittel                                  | 4                     | Tu, Th (recitations)  | 8:30-10:00<br>1/11-3/3   | 222 Parkvale        |
|                  |                             |  |  |                       | Th<br>(labs)          | 1:00-5:00<br>1/13-3/3  | 222 Parkvale        |
| 15221            | CLRES 2023                  | Survival Analysis                        | Joyce Chang                                      | 1                     | M, W                  | 1:45-3:45<br>1/5 – 2/2<br>No class 1/17                          | 222 Parkvale        |
| 24536            | CLRES 2026                  | Analysis of Correlated Data              | Kaleab Abebe,<br>Charity Moore                   | 1                     | M, W                  | 1:00-3:00<br>3/2 - 3/28  | 305 A/B<br>Parkvale |
| 21969            | CLRES 2040                  | Measurement in Clinical<br>Research      | Terri Collin-Dilmore                             | 1                     | Т                     | 10:00-12:00<br>1/11 – 3/1  | 305 A/B<br>Parkvale |

<sup>\*</sup>CLRES 2073 and CLRES 2075 require instructor permission for enrollment.
\*\* Hybrid courses are taught both online and live and students are required to attend scheduled live sessions.

| Class<br>Number | Subject / Catalog<br>Number | Course Title   | Instructor(s)  | Credits            | Days     | Time  | Room /<br>Building            |
|-----------------|-----------------------------|--|--|--------------------|----------|---|-------------------------------|
| 15206           | CLRES 2050                  | Ethics and Regulation in Clinical<br>Research (Live)                   | David Barnard  | 1                  | Tu       | 1:00-3:00<br>3/8 - 5/3<br>1:00-5:00<br>5/3<br>No class 3/29,<br>4/5 | 305 A/B<br>Parkvale           |
| 15739           | CLRES 2050                  | Ethics and Regulation in Clinical<br>Research (Online)                 | David Barnard  | 1                  | **Hybrid | Online<br>3/8 – 5/3<br>1:00-5:00<br>5/3                             | Online<br>305 A/B<br>Parkvale |
| 15242           | CLRES 2072                  | Research Design and<br>Development Seminar Part II                     | Naftali Kaminski,<br>Kevin Kraemer,<br>Keri Rodriguez,<br>Mark Unruh | 2                  | Tu       | 1:00-3:00<br>1/11 – 5/31<br>No class 3/8 –<br>3/22 &<br>4/12 – 5/10 | 305 A/B<br>Parkvale           |
| 24007           | *CLRES 2073                 | Intro to Clinical and<br>Translational Research Sem                    | Amber Barnato  | Cert: 0<br>MDMS: 1 | F        | 12:30 - 2:00<br>1/5 - 4/29  | See instructor                |
| 24018           | *CLRES 2075                 | Sem for Understanding Principl<br>& Practices of Res Tech<br>(SUPPORT) | Amber Barnato  | Cert: 0<br>MDMS: 1 | F        | 12:30 - 2:00<br>1/5 - 4/29  | See Instructor                |
| 15201           | CLRES 2080                  | Masters Thesis Research  | Charity Moore  | 3                  | By Appt. | By Appt.  | No room required              |
| 21968           | CLRES 2085                  | Independent Study  | Charity Moore  | 1-3                | By Appt. | By Appt.  | No room required              |

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|-----------------|-----------------------------|--|--|---------|----------|---|--|
| 26352           | CLRES 2095                  | Introduction to Pharmacoepidemology                    | Joseph Hanlon                              | 2       | Th       | 2:00-4:00<br>1/5 - 4/28   | Ste 500 Conf.<br>Rm. Kaufman<br>Bldng          |
| 15202           | CLRES 2100                  | Outcomes and Effectiveness<br>Research Methods         | Wishwa Kapoor                              | 2       | M, W     | 3:00-5:00<br>2/28 – 4/20  | 305 A/B<br>Parkvale                            |
| 15246           | CLRES 2124                  | Directed Study in DA & CEA                             | Cindy Bryce,<br>Mark Roberts,<br>Ken Smith | 1-3     | By Appt. | By Appt.  | No room<br>required                            |
| 15746           | CLRES 2140                  | Best Practice of Clinical<br>Research                  | Jim Bost                                   | 1       | Online   | Online<br>4/1 – 4/30  | No room<br>required                            |
| 26203           | CLRES 2200                  | Introduction to Research Disparities in Health Care    | Leslie Hausmann,<br>Larissa Myaskovsky     | 1       | Т        | 3:00-5:00<br>3/8 - 4/26   | 222 Parkvale                                   |
| 15226           | CLRES 2320                  | Clinical Trials Practicum                              | Charity Moore                              | 2-3     | By Appt. | By Appt.  | No room required                               |
| 15241           | CLRES 2400                  | Qualitative Research Methods                           | Susan Zickmund                             | 1       | Tu       | 1:30-3:30<br>1/11 – 3/1   | 222 Parkvale                                   |
| 26183           | CLRES 2520                  | Special Issues in Clinical Trials in Older Populations | Stephanie Studenski                        | 1       | Т        | 3:00-6:00<br>3/1 – 3/29<br>Field visit required –<br>see syllabus | 305 A/B<br>Parkvale                            |
| 21497           | CLRES 2610                  | Research Methods in Palliative<br>Care                 | Bob Arnold                                 | 1       | М        | 4:00-6:00<br>4/11 – 6/6<br>No class 5/30                          | 932W MUH                                       |
| 23318           | CLRES 2705                  | Bioinformatics Resources for<br>Life Sciences Research | Ansuman Chattopadhyay                      | 1       | Tu, Th   | 10:00-12:00<br>3/1 - 3/24   | Falk library,<br>Classroom 1<br>at Scaife Hall |

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| Class<br>Number | Subject / Catalog<br>Number | Course Title   | Instructor(s)                       | Credits | Days     | Time                                      | Room /<br>Building  |
|-----------------|-----------------------------|--|-------------------------------------|---------|----------|---|---------------------|
| 15743           | CLRES 2730                  | From Benchtop to Bedsite:<br>What Every Scientist Needs to<br>Know | Office of Enterprise<br>Development | 1       | Tu       | 5:00-8:00<br>1/25-4/5                     | TBD                 |
| 19873           | CLRES 2800                  | Fundamentals of Clinical Trials                                    | Charity Moore,<br>Sunday Clark      | 1       | M, W     | 10:00-12:00<br>1/5 – 2/2<br>No class 1/17 | 305 A/B<br>Parkvale |
| 24226           | CLRES 2910                  | Transforming Practice Practicum                                    | Mary Ann Sevick                     | 2-3     | By Appt. | By Appt.                                  | No room<br>required |
| 21686           | CLRES 3010                  | Directed Reading and Research                                      | Mark Unruh                          | 1-3     | By Appt. | By Appt.                                  | No room required    |
| 21687           | CLRES 3010                  | Directed Reading and Research                                      | Galen Switzer                       | 1-3     | By Appt. | By Appt.                                  | No room required    |
| 26462           | CLRES 3040                  | PhD Dissertation Research  | Galen Switzer                       | 1-14    | By Appt. | By Appt.                                  | No room<br>required |

### ICRE Medical Education (MEDEDU) Courses:

http://www.icre.pitt.edu/docs/Schedules/MedEdDegree\_Schedules/MEDEDUSpring2011.pdf

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#### **Classes offered by other University of Pittsburgh Departments:**

| Department                              | Location   |
|---|--|
| Department of Behavioral and Community  | http://www.bchs.pitt.edu/default.asp   |
| Health Sciences (BCHS)                  | http://www.bchs.pitt.edu/courses.asp   |
| The Center for Bioethics and Health Law | http://www.bioethics.pitt.edu/   |
| (BIOETH)                                | http://www.bioethics.pitt.edu/academic-programs/   |
| Department of Biostatistics (BIOST)     | http://www.biostat.pitt.edu/default.asp  |
| Department of Biostatistics (Bioo1)     | http://www.biostat.pitt.edu/courses.asp  |
| Department of Epidemiology (EPIDEM)     | http://www.epidemiology.pitt.edu/default.asp   |
|   | http://www.epidemiology.pitt.edu/courses.asp   |
| Department of Health Policy and         | http://www.hpm.pitt.edu/default.asp  |
| Management (HPM)                        | http://www.hpm.pitt.edu/courses.asp  |
| Department of Human Genetics (HUGEN)    | http://www.hgen.pitt.edu/index.php   |
|   | http://www.hgen.pitt.edu/academics.php   |
| Department of Infectious Disease and    | http://www.idm.pitt.edu/default.asp  |
| Microbiology (IDM)                      | http://www.idm.pitt.edu/courses.asp  |
| Interdisciplinary Biomedical Graduate   | http://www.gradbiomed.pitt.edu/  |
| Program (INTBP)                         | The state of the s |
| Biochemistry and Molecular Genetics     | http://www.gradbiomed.pitt.edu/mgdb//  |
| Graduate Program (MSBMG)                |  |
| Cell Biology and Molecular Physiology   | http://www.cbp.pitt.edu/gradprog/gradprog.html   |
| Graduate Program (MSCBMP)               | http://www.cbp.pitt.edu/gradprog/courses/courses.html  |
| Graduate Program in Immunology (MSIMM)  | http://www.medschool.pitt.edu/biomed/immunology/index.html   |
|   | http://www.medschool.pitt.edu/biomed/immunology/descriptions.html  |
| Department of Pharmacology and Chemical | http://www.pharmacology.us/Default.aspx  |
| Biology (MSMPHL)                        | http://www.pharmacology.us/GradCoursesList.aspx  |
| Graduate Program in Molecular Virology  | http://www.gradbiomed.pitt.edu/mvm/default.asp   |
| and Microbiology (MSMVM)                | http://www.gradbiomed.pitt.edu/mvm/courses.asp   |
| School of Pharmacy (PHARM)              | http://www.pharmacy.pitt.edu/default.lasso?-session=gallerycount:80931C03164ae24D79HIS2155B12  |
| , ,                                     | http://www.pharmacy.pitt.edu/programs/gradprog/courses/hitlist.lasso   |

### How to search for classes online using the Student Center:

http://technology.pitt.edu/Documents/PeopleSoft\_Students/Student\_Searching%20for%20Classes%20and%20Course%20Information%20Online.pdf

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

Continuing Students: Last day to register without penalty is 12/10/2010

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