# ICRE Summer 2017 Course Schedule
## Degree Programs in Clinical Research

The ICRE Summer Core Curriculum (noted in color) is offered in a hybrid format, which means that students are expected to view recorded lectures online, and engage in other online course content, via Course Web prior to each live session. More details regarding the requirements of each course can be found on the course syllabus which will be provided to students prior to July 1

<table>
<thead>
<tr>
<th>Course Information</th>
<th>Course Dates and Times</th>
</tr>
</thead>
</table>
| **CLRES 2005: Computer Methods in Clinical Research** | **Introductory Session Group A**  
Thursday  
July 6  
8:00-11:00am |  
**Open Lab Session**  
Friday, Monday, and Tuesday  
July 7-11  
8:00am-5:00pm |
| Class #17751  
Parkvale, Room 222 (Comp. Lab) |  
**Introductory Session Group B**  
Thursday  
July 6  
11:00am–2:00pm |  
**Introductory Session Group C**  
Thursday  
July 6  
2:00-5:00pm |
| Douglas Landsittel, PhD |  |
| 1 credit |  |
| Special Course Notes:  
- Flipped/Hybrid Course  
- Group preference will be collected prior to July 1 |  |
| **CLRES 2010: Clinical Research Methods** | **Small Group A**  
Mondays, Wednesdays, Fridays  
July 7- August 25  
10:30-11:30am |  
**Combined Optional Recitation**  
Wednesdays  
July 12- August 23  
4:15-5:15pm |
| Class # 17756  
Parkvale, Room 305 |  
**Small Group B**  
Mondays, Wednesdays, Fridays  
July 7- August 25  
11:45am-12:45pm |  
**Exams**  
10:30am-12:30pm on July 26, August 11 and August 25 |
| Kathleen McTigue, MD, MPH, MS; Kenneth Smith, MD, MS; and Ahmad Tarhini, MD, PhD |  |
| 3 credits |  |
| Special Course Notes:  
- Flipped/Hybrid Course  
- Group preference will be collected prior to July 1  
- Mon/Wed/Fri schedule will rotate, see CourseWeb for more information |  |

All students have five business days after the start of a course to add/drop the course. Students may take other courses offered by the University, subject to approval by their advisor and the Institute for Clinical Research Education. University offices are closed 5/29 and 7/4.

** CLRES 2700 requires additional registration, contact Terri Dobransky (dobranskyta@upmc.edu) for more information
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**Degree Programs in Clinical Research**

<table>
<thead>
<tr>
<th>Course Information</th>
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</table>
| **CLRES 2020: Biostatistics**  
Class # 17754  
Small Group Sessions: Parkvale, Room 305  
Open Lab Sessions: Parkvale, Room 222  
Joyce Chang, PhD and Jonathan Yabes, PhD  
4 credits  
Special Course Notes:  
- Flipped/Hybrid Course  
- Group preference will be collected prior to July 1 | **Group A**  
**Instructor Session**  
Wednesdays  
July 5- August 23  
1:45-2:45pm  
Fridays  
July 7-August 25  
8:00-9:00am | **Group A**  
**Recitation w/ TA**  
Tuesdays  
July 11-August 22  
8:30-10:00am | **Group A Exams**  
8:00-10:00am on July 28  
8:00-10:00am on August 25 |
| **Group B**  
**Instructor Session**  
Wednesdays  
July 5- August 23  
3:00-4:00pm  
Fridays  
July 7-August 25  
9:15-10:15am | **Group B**  
**Recitation w/ TA**  
Tuesdays  
July 11-August 22  
2:45-4:15pm | **Group B Exams**  
3:30-5:30pm on July 28  
3:00-5:00pm on August 25 |
| **Open Lab Session**  
Thursdays  
July 13-August 24  
8:30am-5:00pm |  |

| **CLRES 2040: Measurement in Clinical Research**  
Class # 17739  
Combined Sessions: Salk Hall, Room 402  
Small Group Sessions: Parkvale, Room 305  
Galen Switzer, PhD  
1 credit  
Special Course Notes:  
- Flipped/Hybrid Course  
- Groups established during first session |  | **Small Group A**  
Wednesdays  
8:15-9:15am  
July 12 – August 16 |
|  |  | **Small Group B**  
Wednesdays  
9:15-10:15am  
July 12 – August 16 |

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- University offices are closed 5/29 and 7/4.
- CLRES 2700 requires additional registration, contact Terri Dobransky (dobranskyta@upmc.edu) for more information.

<table>
<thead>
<tr>
<th>Class Number</th>
<th>Subject / Catalog Number</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Room / Building</th>
<th>Instructor(s)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>17680</td>
<td>CLRES 2080</td>
<td>Masters Thesis Research</td>
<td>Please see instructor.</td>
<td></td>
<td></td>
<td>Doris Rubio</td>
<td>1 – 3</td>
</tr>
<tr>
<td>17681</td>
<td>CLRES 2085</td>
<td>Independent Study (special permission required)</td>
<td>Please see instructor.</td>
<td></td>
<td></td>
<td>Doris Rubio</td>
<td>1 – 3</td>
</tr>
<tr>
<td>17729</td>
<td>CLRES 2086</td>
<td>Clinical Research Teaching Practicum</td>
<td>Please see instructor.</td>
<td></td>
<td></td>
<td>Doris Rubio</td>
<td>0.5-3</td>
</tr>
<tr>
<td>17682</td>
<td>CLRES 2124</td>
<td>Directed Study in DA &amp; CEA</td>
<td>Please see instructor.</td>
<td></td>
<td></td>
<td>Cindy Bryce, Mark Roberts, Ken Smith</td>
<td>1-3</td>
</tr>
<tr>
<td>17683</td>
<td>CLRES 2320</td>
<td>Clinical Trials Practicum</td>
<td>Please see instructor.</td>
<td></td>
<td></td>
<td>Kaleab Abebe</td>
<td>2-3</td>
</tr>
<tr>
<td>17727</td>
<td>CLRES 2601</td>
<td>Principles and Practice of Palliative Care – Part I</td>
<td>M</td>
<td>4:00-5:00 7/10-10/9 No class 9/4 4:30-5:30 10/16-10/30</td>
<td>Iroquois 405</td>
<td>Rene Claxton</td>
<td>1</td>
</tr>
<tr>
<td>17730</td>
<td>CLRES 2700</td>
<td>**Fundamentals of Bench Research</td>
<td>M, Tu, W, Th, F</td>
<td>9:00-5:00 7/17-7/28</td>
<td>BST S123</td>
<td>Yingze Zhang, Yutong Zhao</td>
<td>2</td>
</tr>
<tr>
<td>17684</td>
<td>CLRES 2725</td>
<td>Translational Research Practicum</td>
<td>Please see instructor.</td>
<td></td>
<td></td>
<td>Janet Lee</td>
<td>1-3</td>
</tr>
<tr>
<td>17685</td>
<td>CLRES 3010</td>
<td>PhD Independent and Directed Research</td>
<td>Please see instructor.</td>
<td></td>
<td></td>
<td>Galen Switzer</td>
<td>1-3</td>
</tr>
<tr>
<td>19444</td>
<td>CLRES 3010</td>
<td>PhD Independent and Directed Research</td>
<td>Please see instructor.</td>
<td></td>
<td></td>
<td>Galen Switzer</td>
<td>1-3</td>
</tr>
<tr>
<td>17686</td>
<td>CLRES 3020</td>
<td>Directed Study</td>
<td>Please see instructor.</td>
<td></td>
<td></td>
<td>Galen Switzer</td>
<td>1-9</td>
</tr>
<tr>
<td>17687</td>
<td>CLRES 3040</td>
<td>PhD Dissertation Research</td>
<td>Please see instructor.</td>
<td></td>
<td></td>
<td>Galen Switzer</td>
<td>1-14</td>
</tr>
</tbody>
</table>
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Classes offered by other University of Pittsburgh Departments:

<table>
<thead>
<tr>
<th>Department</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of Behavioral and Community Health Sciences (BCHS)</td>
<td><a href="http://www.publichealth.pitt.edu/behavioral-and-community-health-sciences">http://www.publichealth.pitt.edu/behavioral-and-community-health-sciences</a></td>
</tr>
<tr>
<td>The Center for Bioethics and Health Law (BIOETH)</td>
<td><a href="http://www.bioethics.pitt.edu/">http://www.bioethics.pitt.edu/</a></td>
</tr>
<tr>
<td>Department of Biostatistics (BIOST)</td>
<td><a href="http://www.publichealth.pitt.edu/biostatistics">http://www.publichealth.pitt.edu/biostatistics</a></td>
</tr>
<tr>
<td>Department of Epidemiology (EPIDEM)</td>
<td><a href="http://www.publichealth.pitt.edu/epidemiology">http://www.publichealth.pitt.edu/epidemiology</a></td>
</tr>
<tr>
<td>Department of Health Policy and Management (HPM)</td>
<td><a href="http://www.publichealth.pitt.edu/health-policy-and-management">http://www.publichealth.pitt.edu/health-policy-and-management</a></td>
</tr>
<tr>
<td>Department of Human Genetics (HUGEN)</td>
<td><a href="http://www.publichealth.pitt.edu/human-genetics">http://www.publichealth.pitt.edu/human-genetics</a></td>
</tr>
<tr>
<td>Department of Infectious Diseases and Microbiology (IDM)</td>
<td><a href="http://www.publichealth.pitt.edu/infectious-diseases-and-microbiology">http://www.publichealth.pitt.edu/infectious-diseases-and-microbiology</a></td>
</tr>
<tr>
<td>Interdisciplinary Biomedical Graduate Program (INTBP)</td>
<td><a href="http://www.gradbiomed.pitt.edu/">http://www.gradbiomed.pitt.edu/</a></td>
</tr>
<tr>
<td>Biochemistry and Molecular Genetics Graduate Program (MSBMG)</td>
<td><a href="http://www.biology.pitt.edu/graduate">http://www.biology.pitt.edu/graduate</a></td>
</tr>
<tr>
<td>Cell Biology and Molecular Physiology Graduate Program (MSCBMP)</td>
<td><a href="http://www.cb.pitt.edu/education/education.html">http://www.cb.pitt.edu/education/education.html</a></td>
</tr>
<tr>
<td>Graduate Program in Immunology (MSIMM)</td>
<td><a href="http://www.immunology.pitt.edu/graduate">http://www.immunology.pitt.edu/graduate</a></td>
</tr>
<tr>
<td>Department of Pharmacology and Chemical Biology (MSMPHL)</td>
<td><a href="http://pharmacology.medicine.pitt.edu/">http://pharmacology.medicine.pitt.edu/</a></td>
</tr>
<tr>
<td>Graduate Program in Molecular Virology and Microbiology (MSMVM)</td>
<td><a href="http://www.mvm.pitt.edu/">http://www.mvm.pitt.edu/</a></td>
</tr>
<tr>
<td>School of Pharmacy (PHARM)</td>
<td><a href="http://www.pharmacy.pitt.edu/">http://www.pharmacy.pitt.edu/</a></td>
</tr>
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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

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