FOR-PROFIT ENTITY RATE AGREEMENT

EIN #: 48-0680117

INSTITUTION:
University of Kansas Center for Research, Inc.
2385 Irving Hill Road
Lawrence, KS 66045-7563

The rates approved in this agreement are for use on grants, contracts and other agreements with for-profit entities. These rates are also applicable to the University of Kansas, EIN #: 48-6029925. The rates are based on calculations from which federally negotiated rates resulted.

SECTION I: FACILITIES AND ADMINISTRATIVE RATES

<table>
<thead>
<tr>
<th>TYPE</th>
<th>EFFECTIVE PERIOD</th>
<th>RATE (%)</th>
<th>LOCATIONS</th>
<th>APPLICABLE TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Predetermined</td>
<td>07/01/12 to 06/30/13</td>
<td>55%</td>
<td>On Campus</td>
<td>All Programs</td>
</tr>
<tr>
<td>Predetermined</td>
<td>07/01/13 to 06/30/14</td>
<td>55.5%</td>
<td>On Campus</td>
<td>All Programs</td>
</tr>
<tr>
<td>Predetermined</td>
<td>07/01/14 to 06/30/15</td>
<td>56%</td>
<td>On Campus</td>
<td>All Programs</td>
</tr>
<tr>
<td>Predetermined</td>
<td>07/01/12 to 06/30/15</td>
<td>32%</td>
<td>Off Campus</td>
<td>All Programs</td>
</tr>
</tbody>
</table>

BASE
Modified total direct costs, consisting of all salaries and wages, fringe benefits, materials, supplies, services, travel and subagreements up to the first $25,000 of each subagreement (regardless of the period covered by the subagreement). Modified total direct costs shall exclude equipment, capital expenditures, charges for patient care, tuition remission, rental costs of off-site facilities, scholarships and fellowships as well as the portion of each subagreement in excess of $25,000.

SECTION II: SPECIAL REMARKS

Treatment of Fringe Benefits:
Fringe benefits are specifically identified to each employee and are charged individually as direct costs. The directly claimed fringe benefits are listed below.

Treatment of Paid Absences:
Vacation, holiday, sick leave pay and other paid absences are included in salaries and wages and are claimed on grants, contracts and other agreements as part of the normal cost for salaries and wages. Separate claims for the other costs of these paid absences are not made.

OFF-CAMPUS DEFINITION: For all activities performed in facilities not owned by the institution and to which rent is directly allocated to the project(s), the off-campus rate will apply. Grants or contracts will not be subject to more than one F&A cost rate. If more than 50% of a project is performed off-campus, the off-campus rate will apply to the entire project.

EQUIPMENT DEFINITION: Equipment means an article of nonexpendable, tangible personal property having a useful life of more than one year and an acquisition cost of $5,000 or more per unit.

FRINGE BENEFITS:
- FICA
  - Worker's Compensation
  - Health Insurance
- Retirement
  - Life Insurance
  - Leave Payment Reserve
- Disability Insurance
- Unemployment Insurance
- Kan Elect

BY THE INSTITUTION:

University of Kansas Center for Research, Inc.

Signature

Jeffrey S. Vitter

Vice Chair, University of Kansas Center for Research, Inc.
Provost and Executive Vice Chancellor, The University of Kansas

Date: July 1, 2012