COLLEGES AND UNIVERSITIES RATE AGREEMENT

EIN: 15-20710851

DATE: 05/29/2019

ORGANIZATION:
University of Maryland - College Park

FILEING REF.: The preceding agreement was dated 03/16/2018

College Park, MD 20742-5035

The rates approved in this agreement are for use on grants, contracts and other agreements with the Federal Government, subject to the conditions in Section III.

SECTION I: INDIRECT COST RATES

<table>
<thead>
<tr>
<th>RATE TYPES:</th>
<th>FIXED</th>
<th>FINAL</th>
<th>PROV. (PROVISIONAL)</th>
<th>PRED. (PREDETERMINED)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFFECTIVE PERIOD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TYPE</td>
<td>FROM</td>
<td>TO</td>
<td>RATE (%)</td>
<td>LOCATION</td>
</tr>
<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2018</td>
<td>52.00</td>
<td>On-Campus</td>
</tr>
<tr>
<td>PRED.</td>
<td>07/01/2018</td>
<td>06/30/2021</td>
<td>54.50</td>
<td>On-Campus</td>
</tr>
<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2021</td>
<td>56.00</td>
<td>On-Campus</td>
</tr>
<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2018</td>
<td>38.50</td>
<td>On-Campus</td>
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<tr>
<td>PRED.</td>
<td>07/01/2018</td>
<td>06/30/2021</td>
<td>39.50</td>
<td>On-Campus</td>
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<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2021</td>
<td>26.00</td>
<td>Off-Campus (A)</td>
</tr>
<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2021</td>
<td>27.50</td>
<td>Off-Campus (B)</td>
</tr>
<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2021</td>
<td>10.00</td>
<td>Off-Campus (A) &amp; (B)</td>
</tr>
<tr>
<td>PROV.</td>
<td>07/01/2021</td>
<td>Until Amended</td>
<td>Use same rates and conditions as those cited for fiscal year ending June 30, 2021.</td>
<td></td>
</tr>
</tbody>
</table>
*BASE

Modified total direct costs, consisting of all direct salaries and wages, applicable fringe benefits, materials and supplies, services, travel and up to the first $25,000 of each subaward (regardless of the period of performance of the subawards under the award). Modified total direct costs shall exclude equipment, capital expenditures, charges for patient care, rental costs, tuition remission, scholarships and fellowships, participant support costs and the portion of each subaward in excess of $25,000. Other items may only be excluded when necessary to avoid a serious inequity in the distribution of indirect costs, and with the approval of the cognizant agency for indirect costs.
SECTION I: FRINGE BENEFIT RATES**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>FROM</th>
<th>TO</th>
<th>RATE (%)</th>
<th>LOCATION</th>
<th>APPLICABLE TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIXED</td>
<td>7/1/2019</td>
<td>6/30/2021</td>
<td>29.30</td>
<td>All</td>
<td>Faculty</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2019</td>
<td>6/30/2021</td>
<td>35.40</td>
<td>All</td>
<td>Staff</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2019</td>
<td>6/30/2021</td>
<td>24.30</td>
<td>All</td>
<td>Limited Benefits</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2019</td>
<td>6/30/2021</td>
<td>5.40</td>
<td>All</td>
<td>Legislated Benefits</td>
</tr>
<tr>
<td>PROV.</td>
<td>7/1/2021</td>
<td>Until amended</td>
<td></td>
<td></td>
<td>Use same rates and conditions as those cited for fiscal year ending June 30, 2021.</td>
</tr>
</tbody>
</table>

** DESCRIPTION OF FRINGE BENEFITS RATE BASE:
Salaries and wages.
SECTION II: SPECIAL REMARKS

TREATMENT OF FRINGE BENEFITS:

For all awards issued up until 06/30/2019, fringe benefits are specifically identified to each employee and are charged individually as direct costs. The directly claimed fringe benefits are listed below.

Effective 07/01/2019, fringe benefits are charged using the rates listed in the Fringe Benefits Section of this Agreement. The fringe benefits included in the rates are listed below.

Fringe Benefits include: FICA, Unemployment, Workers Compensation, Health Insurance, Retirement, Retirement Health, Terminal Leave, and the Employee Assistance Program.

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 are not made for the cost of these paid absences.

OFF-SITE DEFINITION: For all activities performed in facilities not owned by the organization and to which rent is directly allocated to the project(s), the off-site rate will apply. Projects partially performed off-site are apportioned between their on-site/off-site components when projects activity is conducted off-site for at least three consecutive months.
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.

The RESEARCH base includes University expenditures related to grants and contracts conducted at the following facilities: Agricultural Experiment Station, Cooperative Extension Service.

Effective 07/01/10, the RESEARCH base no longer includes grants and contracts conducted by the University of Maryland Biotechnology Institute (UMBI). The Center for Advanced Research in Biotechnology (CARB) is now the Institute for Bioscience and Biotechnology Research (IBBR) and is a department of the University of Maryland - College Park.

APPLICATION OF INDIRECT COST RATES TO DOD CONTRACTS/SUBCONTRACTS:

In accordance with DFARS 2231.303, no limitation (unless waived by the institution) may be placed on the reimbursement of otherwise allowable indirect cost rates incurred by an institution of higher education under a DOD contract awarded on or after November 30, 1993, unless the same limitation is applied uniformly to all other organizations performing similar work. It has been determined by the department of Defense that such limitation is not being uniformly applied. Accordingly, the following rates do not reflect the application of the 26% limitation on administrative indirect costs imposed by 2 CFR 200.

PRED. 07/01/18 to 06/30/21 57.0% On-Campus Organized Research
PRED. 07/01/18 to 06/30/21 28.5% Off-Campus Orgn. Research (A)
PRED. 07/01/18 to 06/30/21 30.0% Off-Campus Orgn. Research (B)
PROV. 07/01/21 Until Amended Use Same rates and conditions as those cited for fiscal year ending June 30, 2021.

(A) Off-Campus, Remote - Activities performed outside commuting area of College Park, Maryland.

(B) Off-Campus, Adjacent - Activities performed within commuting area of College Park, Maryland.

This agreement updates the Fringe Benefits Rates and Treatment of Fringe Benefits sections only. All other terms and conditions from the previous agreement remain unchanged.
SECTION III: GENERAL

A. LIMITATIONS:
The rates in this Agreement are subject to any statutory or administrative limitations and apply to a given grant, contract or other agreement only to the extent that funds are available. Acceptance of the rates is subject to the following conditions: (1) Only costs incurred by the organization were included in its facilities and administrative cost pools as finally accepted; such costs are legal obligations of the organization and are allowable under the governing cost principles; (2) The same costs that have been treated as facilities and administrative costs are not claimed as direct costs; (3) Similar types of costs have been accorded consistent accounting treatment; and (4) The information provided by the organization which was used to establish the rates is not later found to be materially incomplete or inaccurate by the Federal Government. In such situations the rate(s) would be subject to renegotiation at the discretion of the Federal Government.

B. ACCOUNTING CHANGES:
This Agreement is based on the accounting system purported by the organization to be in effect during the Agreement period. Changes to the method of accounting for costs which affect the amount of reimbursement resulting from the use of this Agreement require prior approval of the authorized representative of the cognizant agency. Such changes include, but are not limited to, changes in the charging of a particular type of cost from facilities and administrative to direct. Failure to obtain approval may result in cost disallowances.

C. FIXED RATES:
If a fixed rate is in this Agreement, it is based on an estimate of the costs for the period covered by the rate. When the actual costs for this period are determined, an adjustment will be made to a rate of a future year(s) to compensate for the difference between the costs used to establish the fixed rate and actual costs.

D. USE BY OTHER FEDERAL AGENCIES:
The rates in this Agreement were approved in accordance with the authority in Title 2 of the Code of Federal Regulations, Part 200 (2 CFR 200), and should be applied to grants, contracts and other agreements covered by 2 CFR 200, subject to any limitations in A above. The organization may provide copies of the Agreement to other Federal Agencies to give them early notification of the Agreement.

E. OTHER:
If any Federal contract, grant or other agreement is reimbursing facilities and administrative costs by a means other than the approved rate(s) in this Agreement, the organization should (1) credit such costs to the affected programs, and (2) apply the approved rate(s) to the appropriate base to identify the proper amount of facilities and administrative costs allocable to these programs.

BY THE INSTITUTION: 
University of Maryland - College Park

SIGNATURE
Denise J. Clark
Associate Vice President for Research Administration

DATE
6/4/2019

ON BEHALF OF THE FEDERAL GOVERNMENT:
DEPARTMENT OF HEALTH AND HUMAN SERVICES

SIGNATURE
Darryl W. Mayes
Deputy Director, Cost Allocation Services

DATE
5/29/2019

NHS REPRESENTATIVE: Steven Zuraf
Telephone: (301) 492-4855
## COMPONENTS OF PUBLISHED FACILITIES AND ADMINISTRATIVE COST RATE

### University of Maryland, College Park

**July 01, 2016 - June 30, 2021**

<table>
<thead>
<tr>
<th>RATE COMPONENTS:</th>
<th>Organized Research</th>
<th>Instruction</th>
<th>Other Sponsored Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ON FY '17 - '18 ON FY '19 - '21 OFF FY '17 - '21 OFF Adjacent FY '17 - '21</td>
<td>ON FY '17 - '21 OFF FY '17 - '21 OFF Adjacent FY '17 - '21</td>
<td>ON FY '17 - '18 ON FY '19 - '21 OFF FY '17 - '21 OFF Adjacent FY '17 - '21</td>
</tr>
<tr>
<td>Bldg &amp; Improv - Depri/Use Allow</td>
<td>3.5</td>
<td>3.5</td>
<td>4.1</td>
</tr>
<tr>
<td>Equipment - Depri/Use Allow</td>
<td>2.0</td>
<td>3.5</td>
<td>1.0</td>
</tr>
<tr>
<td>Interest</td>
<td>0.4</td>
<td>0.4</td>
<td>0.4</td>
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<tr>
<td>Operations &amp; Maintenance</td>
<td>18.6</td>
<td>19.6</td>
<td>16.0</td>
</tr>
<tr>
<td>Library</td>
<td>1.5</td>
<td>1.5</td>
<td>8.5</td>
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<tr>
<td>Administrative Component</td>
<td>26.0</td>
<td>26.0</td>
<td>26.0</td>
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<tr>
<td><strong>Total</strong></td>
<td>52.0</td>
<td>54.5</td>
<td>26.0</td>
</tr>
</tbody>
</table>

**CONCURRENCE:**

[Signature]

_Laurie E. Locascio_

_Name_

_Vice President for Research_

_Title_

_Date: 4/16/2018_