EIN: 61-1730890
DATE: 01/08/2019
ORGANIZATION: FILING REF.: The preceding Oregon State University agreement was dated Finance And Administration 10/03/2014 640 Kerr Administration
Corvallis, OR 97331-2156

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: Facilities And Administrative Cost Rates

<table>
<thead>
<tr>
<th>RATE TYPES:</th>
<th>FIXED</th>
<th>FINAL</th>
<th>PROV. (PROVISIONAL)</th>
<th>PRED. (PREDETERMINED)</th>
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<tbody>
<tr>
<td>EFFECTIVE PERIOD</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>TYPE</td>
<td>FROM</td>
<td>TO</td>
<td>RATE(%) Location</td>
<td>APPLICABLE TO</td>
</tr>
<tr>
<td>PRED.</td>
<td>07/01/2018</td>
<td>06/30/2019</td>
<td>47.00 (1) On-Campus</td>
<td>Organized Research</td>
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<tr>
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<td>Organized Research</td>
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<tr>
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<td>Org. Res. (3)</td>
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<td>06/30/2020</td>
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<td>Org. Res. (3)</td>
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<td>06/30/2022</td>
<td>49.20 (1) On-Campus</td>
<td>Org. Res. (3)</td>
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<td>06/30/2022</td>
<td>26.70 (1) Off-Camp.</td>
<td>Org. Res. (3)</td>
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<td>PRED.</td>
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<td>06/30/2022</td>
<td>7.00 (1) Off-Camp.</td>
<td>IPA (4)</td>
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ORGANIZATION: Oregon State University
AGREEMENT DATE: 1/8/2019

<table>
<thead>
<tr>
<th>TYPE</th>
<th>FROM</th>
<th>TO</th>
<th>RATE(%)</th>
<th>LOCATION</th>
<th>APPLICABLE TO</th>
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</thead>
<tbody>
<tr>
<td>PRED.</td>
<td>07/01/2018</td>
<td>06/30/2022</td>
<td>26.00</td>
<td>(1) Off-Campus</td>
<td>Other Sponsored Activities</td>
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<td>07/01/2022</td>
<td>Until Amended</td>
<td>0.00</td>
<td>(5)</td>
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</tbody>
</table>

*BASE*

(1) Modified total direct costs, consisting of all salaries and wages, fringe benefits, materials and supplies, services, travel, and subgrants and subcontracts up to the first $25,000 of each subgrant or subcontract (regardless of the period covered by the subgrant or subcontract). Equipment, capital expenditures, charges for patient care and tuition remission, rental costs, scholarships, and fellowships as well as the portion of each subgrant and subcontract in excess of $25,000 shall be excluded from modified total direct costs.

(2) Direct salaries and wages including vacation, holiday, and sick pay but excluding other fringe benefits.

(3) Facilities and Administrative Cost Rates - DOD Contracts only.

(4) Intergovernmental Personnel Act Agreements.

(5) Use same rates and conditions as those cited for fiscal year ending June 30, 2022.
SECTION II: SPECIAL REMARKS

TREATMENT OF FRINGE BENEFITS:
The 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 are not made for the cost of these paid absences.

DEFINITION OF OFF-CAMPUS
The off-campus rate will apply to sponsored projects performed in facilities which are not owned or leased by OSU; or where rent of facilities is directly allocated to the project as an approved direct cost. Where a project occurs at both on-campus and off-campus locations, the off-campus component must consist of an activity period a minimum of 90 consecutive days away from the institution. The appropriate rate will be applied to each portion.

DEFINITION OF EQUIPMENT
Equipment is defined as tangible nonexpendable personal property (including information technology systems) having a useful life of more than one year and an acquisition cost of $5,000 or more per unit.

The following fringe benefits are treated as direct costs: FICA, PERS, MEDICAL/DENTAL/LIFE INSURANCE, LIABILITY INSURANCE, UNEMPLOYMENT & LONG-TERM DISABILITY INSURANCE, STATE ACCIDENT INSURANCE FUND, EXECUTIVE DEPARTMENT PERSONNEL DIVISION AND EMPLOYEE RELATIONS BOARD ASSESSMENT.

NEXT PROPOSAL DUE DATE
A proposal based on actual costs for fiscal year ending 06/30/21, will be due no later than 12/31/21.
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.

BY THE INSTITUTION:
Oregon State University

[INSTITUTION]

[SIGNATURE]

[NAME]

[ TITLE]

[DATE]

ON BEHALF OF THE FEDERAL GOVERNMENT:

DEPARTMENT OF HEALTH AND HUMAN SERVICES

[AGENCY]

[Darryl W. Mayes - S]

[SIGNATURE]

[NAME]

[ TITLE]

[DATE]

for

[Arif Karim]

[NAME]

[ TITLE]

[DATE]

[NHS REPRESENTATIVE]

[Jeanette Lu]

[Telephone]

(415) 437-7820