

F&A: This Page
 Fringe Benefits: Page 3

COLLEGES AND UNIVERSITIES RATE AGREEMENT

EIN: **DATE:06/27/2011** <=====*****
 ORGANIZATION: FILING REF.: The preceding
 University of California (UCD) Davis agreement was dated
 Campus 08/29/2008

Davis, CA

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

| RATE TYPES: | FIXED | FINAL | PROV. (PROVISIONAL) | PRED. (PREDETERMINED) |
|-------------------------|-------------|------------|-------------------------|-----------------------|
| <u>EFFECTIVE PERIOD</u> | | | | |
| <u>TYPE</u> | <u>FROM</u> | <u>TO</u> | <u>RATE(%) LOCATION</u> | <u>APPLICABLE TO</u> |
| PRED. | 07/01/2008 | 06/30/2009 | 52.00 On-Campus | Organized Res. |
| PRED. | 07/01/2009 | 06/30/2011 | 53.00 On-Campus | Organized Res. |
| PRED. | 07/01/2011 | 06/30/2012 | 53.50 On-Campus | Organized Res. |
| PRED. | 07/01/2012 | 06/30/2013 | 54.00 On-Campus | Organized Res. |
| PRED. | 07/01/2008 | 06/30/2013 | 26.00 Off-Campus | Organized Res. |
| PRED. | 07/01/2008 | 06/30/2009 | 34.00 On-Campus | Other Spons Act |
| PRED. | 07/01/2008 | 06/30/2009 | 22.00 Off-Campus | Other Spons Act |
| PRED. | 07/01/2009 | 06/30/2011 | 35.00 On-Campus | Other Spons Act |
| PRED. | 07/01/2009 | 06/30/2011 | 22.50 Off-Campus | Other Spons Act |
| PRED. | 07/01/2011 | 06/30/2012 | 35.50 On-Campus | Other Spons Act |
| PRED. | 07/01/2011 | 06/30/2012 | 23.00 Off-Campus | Other Spons Act |
| PRED. | 07/01/2012 | 06/30/2013 | 36.00 On-Campus | Other Spons Act |
| PRED. | 07/01/2012 | 06/30/2013 | 23.50 Off-Campus | Other Spons Act |
| PRED. | 07/01/2008 | 06/30/2013 | 47.00 On-Campus | Instruction |
| PRED. | 07/01/2008 | 06/30/2013 | 26.00 Off-Campus | Instruction |
| PRED. | 07/01/2008 | 06/30/2013 | 21.00 Primate Ctr | Core Grant (1) |
| PRED. | 07/01/2008 | 06/30/2013 | 53.30 Primate Ctr | Non-Core Fed(1) |
| PRED. | 07/01/2008 | 06/30/2013 | 7.30 Off-Campus | IPA (2) |
| PROV. | 07/01/2013 | 06/30/2015 | 53.50 On-Campus | Organized Res. |
| PROV. | 07/01/2013 | 06/30/2015 | 26.00 Off-Campus | Organized Res. |

| <u>TYPE</u> | <u>FROM</u> | <u>TO</u> | <u>RATE(%)</u> | <u>LOCATION</u> | <u>APPLICABLE TO</u> |
|-------------|-------------|------------|----------------|-----------------|----------------------|
| PROV. | 07/01/2013 | 06/30/2015 | | (3) | |

*BASE

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 and 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.

- (1) Primate Center - see Section II: Special Remarks.
- (2) Intergovernmental Personnel Act Agreements.
- (3) Use the same rates and conditions as those cited for fiscal year ending June 30, 2013 for all rates other than Organized Research.

ORGANIZATION: University of California (UCD) Davis Campus
 AGREEMENT DATE: 06/27/2011

SECTION I: FRINGE BENEFIT RATES**

| <u>TYPE</u> | <u>FROM</u> | <u>TO</u> | <u>RATE(%) LOCATION</u> | <u>APPLICABLE TO</u> |
|-------------|-------------|-----------|-------------------------|----------------------|
| FIXED | 7/1/2011 | 6/30/2012 | 14.70 (1) | UCD (A) |
| FIXED | 7/1/2011 | 6/30/2012 | 23.50 (1) | UCD (B) |
| FIXED | 7/1/2011 | 6/30/2012 | 27.00 (1) | UCD (C) |
| FIXED | 7/1/2011 | 6/30/2012 | 40.20 (1) | UCD (D) |
| FIXED | 7/1/2011 | 6/30/2012 | 54.10 (1) | UCD (E) |
| FIXED | 7/1/2011 | 6/30/2012 | 19.50 (1) | UCD (F) |
| FIXED | 7/1/2011 | 6/30/2012 | 1.30 (1) | UCD (G) |
| FIXED | 7/1/2011 | 6/30/2012 | 9.10 (1) | UCD (H) |
| FIXED | 7/1/2011 | 6/30/2012 | 2.90 (1) | UCD (I) |
| FIXED | 7/1/2012 | 6/30/2013 | 16.60 (1) | UCD (A) |
| FIXED | 7/1/2012 | 6/30/2013 | 26.40 (1) | UCD (B) |
| FIXED | 7/1/2012 | 6/30/2013 | 30.30 (1) | UCD (C) |
| FIXED | 7/1/2012 | 6/30/2013 | 44.20 (1) | UCD (D) |
| FIXED | 7/1/2012 | 6/30/2013 | 58.60 (1) | UCD (E) |
| FIXED | 7/1/2012 | 6/30/2013 | 20.10 (1) | UCD (F) |
| FIXED | 7/1/2012 | 6/30/2013 | 1.30 (1) | UCD (G) |
| FIXED | 7/1/2012 | 6/30/2013 | 9.50 (1) | UCD (H) |
| FIXED | 7/1/2012 | 6/30/2013 | 2.90 (1) | UCD (I) |
| PROV. | 7/1/2011 | 6/30/2012 | 31.90 (2) | ANR (A) |
| PROV. | 7/1/2011 | 6/30/2012 | 43.20 (2) | ANR (B) |
| PROV. | 7/1/2011 | 6/30/2012 | 55.30 (2) | ANR (C) |
| PROV. | 7/1/2011 | 6/30/2012 | 6.40 (2) | ANR (D) |
| PROV. | 7/1/2012 | 6/30/2013 | 35.50 (2) | ANR (A) |
| PROV. | 7/1/2012 | 6/30/2013 | 47.20 (2) | ANR (B) |
| PROV. | 7/1/2012 | 6/30/2013 | 59.90 (2) | ANR (C) |

PROV. 7/1/2012 6/30/2013 6.50 (2) ANR (D)

** DESCRIPTION OF FRINGE BENEFITS RATE BASE:

Salaries and Wages.

- (1) All UC Davis locations except for UC Davis Medical Center.
- (2) UC Division of Agriculture and Natural Resources (ANR) activities at UC Davis locations.

- UCD (A) Healthcomp Faculty and Physicians with salaries over \$200K.
- UCD (B) Healthcomp Faculty, Physicians, Physician Assistants, Nurses, and Law and Graduate School Management Academic Senate.
- UCB (C) Academic Senate, Research Allied Professionals, Other Academic Appointments, Management and Senior Personnel Appointments, Fire and Police.
- UCD (D) All Other Employees.
- UCD (E) Service Professionals.
- UCD (F) Postdoctoral Employees.
- UCD (G) Graduate and Undergraduate Students.
- UCD (H) Non-Retirement Research Allied Professionals, Clerical, Research Support Service and Technical.
- UCD (I) All other non-retirement eligible employees.
- ANR (A) Cooperative Extension Advisors, Academic Coordinators, Academic Administrators, Management Service Officers, Management and Senior Personnel and Cooperative Extension Specialists.
- ANR (B) Research Support, Other Staff and Support Professionals, and Technical Unit.
- ANR (C) Program Representatives, Community Health Program Representatives, Clerical and Allied Professionals, Skilled Crafts and Service Units.
- ANR (D) All limited term employees.

ORGANIZATION: University of California (UCD) Davis Campus

AGREEMENT DATE: 06/27/2011

SECTION II: SPECIAL REMARKS

TREATMENT OF FRINGE BENEFITS:

The fringe benefits are charged using the rate(s) listed in the Fringe Benefits Section of this Agreement. The following fringe benefits are included in the fringe benefit rate(s):

OASDI, MEDICARE, WORKERS COMPENSATION, MEDICAL/DENTAL/LIFE INS, UNEMPLOYMENT INS, DISABILITY INS, EMPLOYEE SUPPORT SERVICES, BENEFIT ADMINISTRATION, OTHER POST-EMPLOYMENT BENEFITS, AND RETIREMENT.

The following fringe benefits are specifically identified to each employee and are charged individually as direct costs. The directly claimed fringe benefits are: TUITION/FEE REMISSION OF CERTAIN STUDENT EMPLOYEES.

TREATMENT OF PAID ABSENCES

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

DEFINITION OF EQUIPMENT:

Equipment is defined as tangible nonexpendable personal property having a useful life of more than one year and an acquisition costs of \$5,000 or more per unit.

DEFINITION OF ON-CAMPUS, OFF-CAMPUS AND SPECIAL RATES**DEFINITION OF OFF-CAMPUS RATE:**

The off-campus rate is applicable to those projects conducted at facilities not owned or leased by the University. However, if the project is conducted in leased space and lease costs are directly charged to the project, then the off-campus rate must be used.

PROJECTS CONDUCTED ENTIRELY ON-CAMPUS OR ENTIRELY OFF-CAMPUS:

Projects conducted entirely on-campus or entirely off-campus will be applied the on-campus or off-campus rate respectively.

PROJECTS CONDUCTED PARTIALLY OFF-CAMPUS AND PARTIALLY ON-CAMPUS:

If the project involves work at both on-campus and off-campus sites, either the on-campus or off-campus rate generally should be applied, consistent with where the majority of the work is to be performed. Salary cost is generally accepted as a measure of work performed in terms of the total project.

USE OF BOTH ON-CAMPUS AND OFF-CAMPUS RATES:

The use of both on-campus and off-campus rates for a given project may be justified if both of the respective rates can clearly be identified with a significant portion of salaries and wages of the project. For purposes of this provision, significant is defined as approximately 25% or more of the total costs and a project's total salary and wage costs exceed \$250,000.

OTHER SPECIAL RATES:

These rates apply only to the facility or program to which they are identified. If any additional special rates become necessary the establishment of such rates should be coordinated through the cognizant negotiation agency.

PRIMATE CENTER RATES:

The California National Primate Research Center (CNPRC) Non-Core Federal rate (53.3%) is applied only to the direct research costs of Federally sponsored awards excluding the National Center for Research Resources (NCRR) Core Grant. All recoveries from application of this rate represent University F&A expenditures allocated to the CNPRC (21.0%) and CNPRC-specific F&A expenditures (32.3%).

Additionally, the university has developed a Non-Federal CNPRC rate (71.0%) which is applied only to non-Federal research expenditures.

The Non-Core Federal and Non-Federal rates are considered additive to the Core Grant rate.

ORGANIZATION: University of California (UCD) Davis Campus

AGREEMENT DATE: 06/27/2011

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 Office of Management and Budget Circular A-21 Circular, and should be applied to grants, contracts and other agreements covered by this Circular, 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.

B. 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 California (UCD) Davis Campus

(INSTITUTION)

(SIGNATURE)

Peter J. Taylor

(NAME)

Chief Financial Officer

(TITLE)

7/11/2011

(DATE)

ON BEHALF OF THE FEDERAL GOVERNMENT:

DEPARTMENT OF HEALTH AND HUMAN SERVICES

(AGENCY)

(SIGNATURE)

Wallace Chan

(NAME)

Director, Western Field Office

(TITLE)

6/27/2011

(DATE) 0233

HHS REPRESENTATIVE: Ernest Willard

Telephone: (415) 437-7820

UNIVERSITY OF CALIFORNIA DAVIS
FACILITIES AND ADMINISTRATIVE COST RATES
FOR THE PERIOD JULY 1, 2008 THROUGH JUNE 30, 2013

| | ORGANIZED RESEARCH | | | |
|-----------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| | JULY 1, 2008 THROUGH JUNE 30, 2009 | JULY 1, 2009 THROUGH JUNE 30, 2011 | JULY 1, 2011 THROUGH JUNE 30, 2012 | JULY 1, 2012 THROUGH JUNE 30, 2013 |
| BUILDING DEPRECIATION | 4.50% | 4.80% | 4.90% | 5.20% |
| EQUIPMENT | 4.50% | 4.50% | 4.50% | 4.50% |
| BUILDING INTEREST | 2.30% | 2.80% | 2.70% | 2.80% |
| OPERATIONS & MAINT | 13.10% | 13.30% | 13.40% | 13.50% |
| LIBRARY | 1.80% | 1.80% | 2.00% | 2.00% |
| GENERAL ADMIN | 5.00% | 5.00% | 5.00% | 5.00% |
| DEPT ADMIN | 17.50% | 17.50% | 17.50% | 17.50% |
| SPON PROJ ADMIN | 3.50% | 3.50% | 3.50% | 3.50% |
| STUDENT SERV ADMIN | 0.00% | 0.00% | 0.00% | 0.00% |
| ADMIN COMPONENTS | 26.00% | 26.00% | 26.00% | 26.00% |
| TOTAL | 52.00% | 53.00% | 53.50% | 54.00% |

| | OTHER SPONSORED ACT | | | |
|-----------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| | JULY 1, 2008 THROUGH JUNE 30, 2009 | JULY 1, 2009 THROUGH JUNE 30, 2011 | JULY 1, 2011 THROUGH JUNE 30, 2012 | JULY 1, 2012 THROUGH JUNE 30, 2013 |
| BUILDING DEPRECIATION | 2.20% | 2.40% | 2.40% | 2.40% |
| EQUIPMENT | 1.50% | 1.50% | 1.50% | 1.50% |
| BUILDING INTEREST | 1.20% | 1.30% | 1.30% | 1.30% |
| OPERATIONS & MAINT | 5.30% | 5.30% | 5.30% | 5.30% |
| LIBRARY | 1.80% | 2.00% | 2.00% | 2.00% |
| GENERAL ADMIN | 5.00% | 5.00% | 5.00% | 5.00% |
| DEPT ADMIN | 14.00% | 14.50% | 15.00% | 15.50% |
| SPON PROJ ADMIN | 3.00% | 3.00% | 3.00% | 3.00% |
| STUDENT SERV ADMIN | 0.00% | 0.00% | 0.00% | 0.00% |
| ADMIN COMPONENTS | 22.00% | 22.50% | 23.00% | 23.50% |
| TOTAL | 34.00% | 35.00% | 35.50% | 36.00% |

ADMINISTRATIVE COMPONENTS ARE CAPPED AT 26.0% IN ACCORDANCE WITH OMB A-21, DATED JULY 26, 1993.

EXHIBIT A
PAGE 2 OF 2

UNIVERSITY OF CALIFORNIA DAVIS
FACILITIES AND ADMINISTRATIVE COST RATES
FOR THE PERIOD JULY 1, 2008 THROUGH JUNE 30, 2013

| | INSTRUCTION | | PRIMATE CENTER | | INTER-GOV PERSONNEL ACT | | |
|-----------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------|
| | JULY 1, 2008 THROUGH JUNE 30, 2013 | JULY 1, 2008 THROUGH JUNE 30, 2013 | JULY 1, 2008 THROUGH JUNE 30, 2013 | JULY 1, 2008 THROUGH JUNE 30, 2013 | JULY 1, 2008 THROUGH JUNE 30, 2013 | JULY 1, 2008 THROUGH JUNE 30, 2013 | |
| | ON-CAMPUS | OFF-CAMPUS | CORE GRANT NON-CORE FED | | | | OFF-CAMPUS |
| BUILDING DEPRECIATION | 3.00% | | 1.60% | 1.60% | | 0.00% | |
| EQUIPMENT | 2.00% | | 2.50% | 2.50% | | 0.00% | |
| BUILDING INTEREST | 0.60% | | 0.00% | 0.00% | | 0.00% | |
| OPERATIONS & MAINT | 8.30% | | 8.40% | 15.70% | | 0.00% | |
| LIBRARY | 7.10% | | 0.00% | 0.00% | | 0.00% | |
| GENERAL ADMIN | 4.80% | | 5.00% | 5.00% | | 3.60% | |
| DEPT ADMIN | 10.80% | | 0.00% | 25.00% | | 0.00% | |
| SPON PROJ ADMIN | 2.10% | | 3.50% | 3.50% | | 3.70% | |
| STUDENT SERV ADMIN | 8.30% | | 0.00% | 0.00% | | 0.00% | |
| ADMIN COMPONENTS | 26.00% | 26.00% | | | | | |
| TOTAL | 47.00% | 26.00% | 21.00% | 53.30% | | 7.30% | |

ADMINISTRATIVE COMPONENTS ARE CAPPED AT 26.0% IN ACCORDANCE WITH OMB A-21, DATED JULY 26, 1993.

CONCUR:

[Signature]
(SIGNATURE)

Executive Vice President - Business Operations

TITLE

9/2/08

DATE