THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

and

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., as trustee

SIXTEENTH SUPPLEMENTAL INDENTURE

Dated as of March 1, 2009

\$61,590,000

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA GENERAL REVENUE BONDS

2009 SERIES P

TABLE OF CONTENTS

			Page
ARTICLE XXVII	2009 SI	ERIES P BONDS	2
SECTION 27.	01	Definitions.	2
SECTION 27.		Authorization of 2009 Series P Bonds	
SECTION 27.	03	Terms of 2009 Series P Bonds	, 4
SECTION 27.	04	Redemption of 2009 Series P Bonds	5
SECTION 27.	.05	Issuance of 2009 Series P Bonds	5
SECTION 27.		Application of Proceeds; Establishment of 2009 Series P	
		Funds	5
SECTION 27.	07	Tax Covenants	6
SECTION 27.	.08	Terms of 2009 Series P Bonds Subject to the Indenture	6
SECTION 27.	09	Article and Section Headings	6
SECTION 27.	10	Execution in Several Counterparts	6
EXHIBIT A	FORM	OF 2009 SERIES P BOND	A-1

THIS SIXTEENTH SUPPLEMENTAL INDENTURE, made and entered into as of the first day of March, 2009, by and between THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a corporation organized and existing under and by virtue of Article IX, Section 9, of the Constitution of the State of California (herein called "The Regents"), and THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A. (as successor in interest to BNY Western Trust Company), a national banking association duly organized and existing under and by virtue of the laws of the United States of America, having a principal office in San Francisco, California, and being qualified to accept and administer the trusts hereby created (herein called the "Trustee"),

WITNESSETH:

WHEREAS, The Regents has heretofore authorized the issuance of its General Revenue Bonds issued under an indenture, dated as of September 1, 2003, as heretofore supplemented (the "2003 Indenture") by and between The Regents and the Trustee, in such series as from time to time shall be established and authorized by The Regents;

WHEREAS, the 2003 Indenture provides that The Regents may from time to time establish series of Bonds by supplemental indenture, and that The Regents may issue and the Trustee may authenticate and deliver Bonds of any such series in such principal amount as shall be determined by The Regents, upon compliance with the provisions, and subject to the conditions, set forth in the 2003 Indenture;

WHEREAS, The Regents has now determined to use the proceeds of the sale of the 2009 Series P Bonds (hereinafter defined) to refund the Prior Obligations and the Prior Research Facilities Revenue Bonds (hereinafter defined), which financed or refinanced the acquisition and construction of certain facilities of the University of California, including, but not limited to student centers, recreation and events facilities, research facilities, housing facilities, certain seismic retrofitting improvements and certain academic, administrative and other facilities of the University;

WHEREAS, in order to obtain funds for such purpose, The Regents desires to issue, sell and deliver \$61,590,000 aggregate principal amount of The Regents of the University of California General Revenue Bonds, 2009 Series P (the "2009 Series P Bonds"), all under and in accordance with the 2003 Indenture and this Sixteenth Supplemental Indenture (collectively, the "Indenture");

WHEREAS, the 2009 Series P Bonds and the Trustee's certificate of authentication to appear thereon, and assignment to appear thereon, shall be in substantially the form, with necessary or appropriate variations, omissions and insertions, as permitted or required by the Indenture, as set forth in Exhibit A, attached hereto;

WHEREAS, The Regents certifies that all acts and proceedings required by law necessary to make the 2009 Series P Bonds when executed by The Regents, authenticated and delivered by the Trustee and duly issued, the valid, legal and binding limited obligations of The Regents, payable out of General Revenues as provided in the Indenture, and to constitute this Sixteenth Supplemental Indenture a valid and binding agreement for the uses and purposes

herein set forth, in accordance with its terms, have been done and taken; and the execution and delivery of this Sixteenth Supplemental Indenture have been in all respects duly authorized;

NOW THEREFORE, THIS SIXTEENTH SUPPLEMENTAL INDENTURE WITNESSETH, that in order to secure the payment of the principal of, premium, if any, and interest on, all Bonds at any time issued and Outstanding pursuant to the Indenture as from time to time supplemented and amended, and to secure the performance and observance of the covenants and conditions therein and herein set forth, and to declare the terms and conditions upon and subject to which the 2009 Series P Bonds are to be issued and received, and for and in consideration of the premises and of the mutual covenants herein contained and of the purchase and acceptance of the 2009 Series P Bonds by the owners thereof, and for other valuable consideration, the receipt of which is hereby acknowledged, The Regents covenants and agrees with the Trustee, for the equal and proportionate benefit of the respective owners from time to time of the Bonds, as follows:

ARTICLE XXVII

2009 SERIES P BONDS

SECTION 27.01 <u>Definitions</u>. Unless the context otherwise requires, the terms defined in this Section 27.01 shall, for all purposes of the 2003 Indenture and this Sixteenth Supplemental Indenture, have the meanings herein specified. All other terms defined in the 2003 Indenture and used herein shall have the meanings assigned to such terms in the 2003 Indenture.

Authorized Denomination

"Authorized Denomination" means \$5,000 or any integral multiple thereof with respect to 2009 Series P Bonds.

Beneficial Holder

"Beneficial Holder" means any Person who has the power, directly or indirectly, to vote or consent with respect to, or to dispose of ownership of, any 2009 Series P Bond, including, without limitation, any Persons holding bonds through nominees or depositories.

Interest Payment Date

"Interest Payment Date" shall have the meaning as given in Section 27.03 of this Sixteenth Supplemental Indenture.

Participating Underwriter

"Participating Underwriter" means any of the original underwriters of the 2009 Series P Bonds required to comply with Rule 15c2-12(b)(5) adopted by the Securities and Exchange Commission under the Securities Exchange Act of 1934, as the same may be amended from time to time, in connection with the offering of the 2009 Series P Bonds.

Prior Obligations

"Prior Obligations" means all or a portion of The Regents of the University of California Revenue Bonds (Multiple Purpose Projects), Series L, N and P; and The Regents of the University of California 1999 Series C Certificates of Participation, as more fully described in the escrow agreement providing for the defeasance and refunding thereof.

Prior Research Facilities Revenue Bonds

"Prior Research Facilities Revenue Bonds" means The Regents of the University of California Research Facilities Revenue Bonds, 2001 Series E, as more fully described in the escrow agreement providing for the defeasance and refunding thereof.

Record Date

"Record Date" shall have the meaning as given in Section 27.03 of this Sixteenth Supplemental Indenture.

Research Facilities Escrow Agent

"Research Facilities Escrow Agent" means U.S. Bank National Association as escrow agent pursuant to the escrow agreement, dated as of March 1, 2009, by and between The Regents and U.S. Bank National Association relating to the Prior Research Facilities Revenue Bonds.

Sixteenth Supplemental Indenture

"Sixteenth Supplemental Indenture" means this Sixteenth Supplemental Indenture, as executed by The Regents and the Trustee in accordance with the Indenture, and which is supplemental to the Indenture.

2009 Series P Bonds

"2009 Series P Bonds" means The Regents of the University of California General Revenue Bonds, 2009 Series P, authorized under and secured by the 2003 Indenture and this Sixteenth Supplemental Indenture.

SECTION 27.02 <u>Authorization of 2009 Series P Bonds.</u>

(A) A sixteenth series of Bonds to be issued under the Indenture is hereby created and authorized to be issued, and such Bonds are designated as "The Regents of the University of California General Revenue Bonds, 2009 Series P." The aggregate principal amount of 2009

Series P Bonds which may be issued and outstanding under the Indenture shall not exceed Sixty-One Million Five Hundred Ninety Thousand Dollars (\$61,590,000), exclusive of Bonds executed and authenticated as provided in Section 2.08 of the Indenture.

(B) The 2009 Series P Bonds are authorized and issued to refund the Prior Obligations and Prior Research Facilities Revenue Bonds and to pay for Costs of Issuance of the 2009 Series P Bonds.

(C) The 2009 Series P Bonds shall be equally and ratably secured with all Bonds authorized in the Indenture to be issued or to be subsequently Outstanding thereunder, without preference, priority or distinction (other than with respect to terms of maturity, interest payment dates, sinking fund payments or provisions for redemption) of any one Bond over any other or of the Bonds of any one Series over any other Series, except as otherwise provided in the Indenture.

SECTION 27.03 <u>Terms of 2009 Series P Bonds.</u>

(A) The 2009 Series P Bonds shall bear interest at the rates per annum, payable semiannually on May 15 and November 15 in each year (each, an "Interest Payment Date"), commencing November 15, 2009, until payment of the principal of said Bonds and shall mature on May 15 in each of the years, and in the amounts, as follows:

Date Maturing		
<u>May 15</u>	Principal Amount	<u>Rate</u>
2010	\$4,190,000	2.000%
2011	3,775,000	2.000
2011	6,000,000	1.600
2011	955,000	4.000
2012	5,935,000	4.000
2012	5,000,000	2.500
2013	6,085,000	5.000
2013	2,715,000	4.000
2013	3,760,000	3.000
2014	4,270,000 ·	5.000
2014	3,650,000	3.500
2015	3,735,000	5.000
2015	1,140,000	3.000
2016	5,090,000	4.000
2017	2,955,000	5.000
2017	2,335,000	3.500

The principal of the 2009 Series P Bonds shall be payable at the corporate trust office of the Trustee in San Francisco, California, in lawful money of the United States of America. The interest thereon is payable to the person whose name appears on the bond registration books of the Trustee as the registered owner thereof as of the close of business on the first day of the month in which the Interest Payment Date occurs (the "Record Date"), whether or

not such day is a Business Day, such interest to be paid by check or draft mailed to such registered owner at his or her address as it appears on such registration books.

- (B) The 2009 Series P Bonds shall be issued as fully registered Bonds without coupons in Authorized Denominations and shall be numbered consecutively from 1 upwards with the prefix R- preceding each number. The 2009 Series P Bonds shall be substantially in the form set forth in Exhibit A.
- (C) The 2009 Series P Bonds shall be dated as of the date of original delivery, and shall be registered on the date of registration noted on such Bond by the Trustee. Each 2009 Series P Bond shall bear interest from the Interest Payment Date next preceding the date of registration thereof unless such date of registration is an Interest Payment Date, in which event it shall bear interest from the date of registration thereof, or unless it is registered on or before November 15, 2009, in which event it shall bear interest from the date of original delivery. The 2009 Series P Bonds may be exchanged and transferred as provided in Article II of the Indenture, provided that no exchange or transfer need be made by the Trustee during the period beginning on the first day of the month in which the Interest Payment Date occurs and ending on such Interest Payment Date.

SECTION 27.04 Redemption of 2009 Series P Bonds. The 2009 Series P Bonds are not subject to optional redemption prior to their respective stated maturities.

SECTION 27.05 <u>Issuance of 2009 Series P Bonds</u>. The Trustee, forthwith upon the execution and delivery of this Sixteenth Supplemental Indenture and of the other documents required by Section 3.01 of the Indenture, or from time to time thereafter, upon the execution and delivery to it by The Regents of the 2009 Series P Bonds, and without any further action on the part of The Regents, shall authenticate 2009 Series P Bonds in the aggregate principal amount of Sixty-One Million Five Hundred Ninety Thousand Dollars (\$61,590,000) and shall deliver them to or upon the Written Order of The Regents.

SECTION 27.06 <u>Application of Proceeds; Establishment of 2009 Series P</u> Funds.

- (A) The proceeds received by the Trustee upon the sale of the 2009 Series P Bonds (following the payment of the underwriters' discount (\$258,114.39), and the transfer of \$15,557,541.56 to the Research Facilities Escrow Agent by the original purchasers of the 2009 Series P Bonds) shall be applied or deposited as follows:
- (1) \$48,493,621.58 shall be applied to the refunding of the Prior Obligations pursuant to the Written Order of The Regents; and
- (2) \$51,562.87 shall be transferred to The Regents for deposit in the 2009 Series P Costs of Issuance Fund established by The Regents pursuant to subparagraph (B) of this Section.
- (B) 2009 Series P Costs of Issuance Fund. The Regents shall establish and maintain a fund designated as the "2009 Series P Costs of Issuance Fund." Moneys in the 2009 Series P Costs of Issuance Fund shall be used to pay Costs of Issuance with respect to the 2009

Series P Bonds, and at the end of six months from the date of issuance of the 2009 Series P Bonds, or upon earlier determination by The Regents that the amounts in said fund are no longer required for payment of Costs of Issuance, said fund shall be terminated and any amounts then remaining in said fund shall be transferred to the Trustee for deposit in the Debt Service Fund.

SECTION 27.07 Tax Covenants. The Regents will not make any use of the proceeds of the 2009 Series P Bonds or any other funds of The Regents which will cause any 2009 Series P Bond to be an "arbitrage bond" subject to federal income taxation by reason of Section 148 of the Code, or a "federally-guaranteed obligation" under Section 149(b) of the Code, or a "private activity bond" as described in Section 141 of the Code. To that end, The Regents, with respect to such proceeds and such other funds will comply with all requirements of such sections of the Code and all regulations of the United States Department of the Treasury issued thereunder to the extent that such requirements are, at the time, applicable and in effect.

If at any time The Regents is of the opinion that for purposes of this Section it is necessary to restrict or limit the yield on or change in any way the investment of any moneys held by the Trustee or under the Indenture, The Regents shall so instruct the Trustee or the appropriate officers of The Regents in writing, and the Trustee or the appropriate officers of The Regents, as the case may be, shall take such actions as may be necessary in accordance with such instructions.

In furtherance of the covenants of The Regents set forth above, The Regents will comply with the Tax Certificate and will cause the Trustee to comply with the Tax Certificate.

Except as in this Sixteenth Supplemental Indenture expressly provided, every term and condition contained in the Indenture shall apply to this Sixteenth Supplemental Indenture and to the 2009 Series P Bonds with the same force and effect as if the same were herein set forth at length, with such omissions, variations and modifications thereof as may be appropriate to make the same conform to this Sixteenth Supplemental Indenture. As supplemented by this Sixteenth Supplemental Indenture, the 2003 Indenture is hereby confirmed.

SECTION 27.09 <u>Article and Section Headings</u>. The headings or titles of the several Articles and Sections hereof, and any table of contents appended to copies hereof, shall be solely for convenience of reference and shall not affect the meaning, construction or effect of this Sixteenth Supplemental Indenture.

SECTION 27.10 <u>Execution in Several Counterparts</u>. This Sixteenth Supplemental Indenture may be executed in any number of counterparts and each of such counterparts shall for all purposes be deemed to be an original; and all such counterparts, or as many of them as The Regents and the Trustee shall preserve undestroyed, shall together constitute but one and the same instrument.

IN WITNESS WHEREOF, THE REGENTS OF THE UNIVERSITY OF CALIFORNIA has caused this Sixteenth Supplemental Indenture to be signed in its corporate name by its Vice Chairman and its Secretary and Chief of Staff, and THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., in token of its acceptance of the trusts created hereunder, has caused this Sixteenth Supplemental Indenture to be signed in its corporate name by one of its Vice Presidents, all as of this day and year first above written.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

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Vice Chairman

By:

Secretary and Chief of Staff

Approved as to form:

University Counsel

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., as Trustee

Зу: 💙

Vice President

EXHIBIT A

FORM OF 2009 SERIES P BOND

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	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	

GENERAL REVENUE BONDS, 2009 SERIES P

 INTEREST RATE
 MATURITY DATE
 ORIGINAL ISSUE DATE
 CUSIP

 %
 May 15, ____
 March 21, 2009

REGISTERED OWNER: CEDE & CO.

PRINCIPAL SUM: DOLLARS

The Regents of the University of California, a corporation organized and existing under Article IX, Section 9, of the Constitution of the State of California (herein called "The Regents"), for value received, hereby promises to pay (but only out of General Revenues as hereinafter provided) to the registered owner referred to above or registered assigns on the maturity date referred to above (subject to any right of prior redemption hereinafter expressly reserved) the principal sum specified above, together with interest on such principal sum from the interest payment date next preceding the date of registration of this Bond (unless such date of registration is an interest payment date, in which event it shall bear interest from such date of registration, or unless this Bond is registered on or before November 15, 2009, in which event it shall bear interest from the original issue date specified above) until the principal hereof shall have been paid at the interest rate per annum specified above (based on a 360-day year consisting of twelve 30-day months), payable on November 15, 2009, and semiannually thereafter on each May 15 and November 15.

The principal or redemption price hereof is payable upon presentation and surrender hereof at the corporate trust office of The Bank of New York Mellon Trust Company, N.A. (as successor in interest to BNY Western Trust Company) (herein called the "Trustee"), in San Francisco, California, and interest shall be paid by check mailed to the person in whose name this Bond is registered as of the close of business on the first day of the month in which an interest payment date occurs, at the address of such registered owner shown on the books of the Trustee.

This Bond is one of a duly authorized issue of Bonds of The Regents designated as "The Regents of the University of California General Revenue Bonds" (herein called the

OHS West 260610063 3 A-1

"Bonds"), unlimited in aggregate principal amount, except as otherwise provided in the Indenture hereinafter mentioned, of the series and designation indicated on the face hereof, which issue of Bonds consists or may consist of one or more series, of varying dates, numbers, interest rates and other provisions as in said Indenture provided, all issued under an indenture, dated as of September 1, 2003, by and between The Regents and the Trustee, as heretofore supplemented and as supplemented by a Sixteenth Supplemental Indenture, dated as of March 1, 2009, by and between The Regents and the Trustee (as so supplemented, the "Indenture"). This Bond, together with all other Bonds issued under the Indenture, is authorized to be issued pursuant to the powers and authority of The Regents contained in Article IX, Section 9 of the Constitution of the State of California. The Bonds are limited obligations of The Regents to which The Regents is obligated to apply only the General Revenues (herein called the "General Revenues") as defined in, and only to the extent required by, the Indenture, to the payment of the principal of and interest and premium, if any, on the Bonds. This Bond is not a lien, charge or liability against the State of California or against The Regents or against the property or funds of either, except to the extent of the pledge of the General Revenues, as provided by the Indenture. Under the Indenture, the pledge and lien on General Revenues is junior to the pledge and lien of certain other indebtedness of The Regents, and the Indenture permits The Regents to incur additional indebtedness or obligations payable from General Revenues, including additional indebtedness or obligations secured by a pledge and lien on General Revenues senior in priority, on a parity with, or subordinate to, the pledge and lien of the Indenture. Reference is hereby made to the Indenture and all indentures supplemental thereto for a description of the rights thereunder of the owners of the Bonds, of the nature and extent of the security, of the rights, duties and immunities of the Trustee and of the rights and obligations of The Regents thereunder, to all of the provisions of which Indenture the owner of this Bond, by acceptance hereof, assents and agrees.

The Indenture and the rights and obligations of The Regents and the Trustee and the owners of the Bonds may be modified or amended from time to time and at any time in the manner, to the extent, and upon the terms provided in the Indenture; provided, however, that no such modification or amendment shall (1) extend the stated maturity of this Bond or reduce the rate of interest hereon, or extend the time of payment of interest, or reduce the amount of the principal hereof, or reduce any premium payable on the redemption hereof, without the consent of the owner hereof, or (2) reduce the percentage of owners of Bonds Outstanding whose consent is required for the execution of a supplemental indenture, without the consent of the owners of all Bonds then Outstanding.

If an Event of Default, as defined in the Indenture, shall occur, the principal of all Bonds may be declared due and payable upon the conditions, in the manner and with the effect provided in the Indenture. The Indenture provides that in certain events such declaration and its consequences may be rescinded by the owners of at least a majority in aggregate principal amount of the Bonds then outstanding.

The 2009 Series P Bonds are issuable only as fully registered Bonds without coupons in denominations of \$5,000 or any integral multiple thereof. Subject to the limitations and upon payment of the charges, if any, provided in the Indenture, 2009 Series P Bonds may be exchanged at the corporate trust office of the Trustee in San Francisco, California, for a like aggregate principal amount of Bonds of other authorized denominations. This Bond is

OHS West:260610063.3 A-2

transferable by the registered owner hereof, in person, or by its duly authorized attorney, but only in the manner, subject to the limitations and upon payment of the charges provided in the Indenture, and upon surrender and cancellation of this Bond. Upon such transfer, a new Bond or Bonds, of the same series, authorized denomination or denominations and for the same aggregate principal amount, will be delivered to the transferee in exchange herefor. The registered owner hereof shall be deemed and regarded as the absolute owner hereof for all purposes.

It is hereby certified that all of the conditions, things and acts required to exist, to have happened and to have been performed precedent to and in the issuance of this Bond do exist, have happened and have been performed in due time, form and manner as required by the Constitution and laws of the State of California and that the amount of this Bond, together with all other indebtedness of The Regents, does not exceed any limit prescribed by the Constitution or laws of the State of California.

This Bond shall not be entitled to any benefit under the Indenture, or become valid or obligatory for any purpose, until the certificate of authentication hereon endorsed shall have been signed by the Trustee.

OHS West-260610063.3 A-3

IN WITNESS WHEREOF, THE REGENTS OF THE UNIVERSITY OF CALIFORNIA has caused this Bond to be executed in its name and on its behalf by the facsimile signatures of its Chairman and its Secretary and Chief of Staff and its corporate seal to be imprinted or impressed hereon all as of the Original Issue Date.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

	By:	
	Chairman	
(Seal)		
	By:	
	Secretary and Chief of Staff	

FORM OF TRUSTEE'S CERTIFICATE OF AUTHENTICATION

This is one of the Bonds described in the within-mentioned Indenture.

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., as Trustee

By: _		
	Authorized Signatory	

Date of Authentication:

Unless this Bond is presented by an authorized representative of The Depository Trust Company to the issuer or its agent for registration of transfer, exchange or payment, and any Bond issued is registered in the name of Cede & Co. or such other name as requested by an authorized representative of The Depository Trust Company and any payment is made to Cede & Co., ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL since the registered owner hereof, Cede & Co., has an interest herein.

OHS West 260610063 3 A-5

FORM OF ASSIGNMENT

For valu	e received		the
undersigned do(es) hereb	y sell, assign and tra	nsfer ı	into the
within-mentioned Bond a	and hereby irrevocab	ly con	stitute(s) and appoint(s)
attorney, to transfer the s	ame on the Bond re	gister	of the Trustee with full power of substitution
in the premises.			
Dated:			
Daiva.			
	_		
	1	Note:	The signature(s) on this Assignment must correspond with the name(s) as written on the face of the Bond in every particular without alteration or enlargement or any change whatsoever.
Signature guaranteed by:			
	institution (banks, credit unions with	stock meml	intee must be made by an eligible guarantor brokers, savings and loans association and pership in an approved signature medallion ecurities and Exchange Commission Rule