

# Grant and Cooperative Agreement

CHOOSE ONE:  
 COOPERATIVE AGREEMENT  
 GRANT

CHOOSE ONE:     EDUCATION     FACILITIES     RESEARCH     SDCR     TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER NRC-HQ-12-G-38-0074	2. SUPPLEMENT NUMBER M0001	3. EFFECTIVE DATE 09/23/2015	4. COMPLETION DATE
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5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) CURATORS OF THE UNIVERSITY OF MISSOURI 316 UNIVERSITY HALL COLUMBIA MO 652113020	6. ISSUED BY    U.S. NRC - HQ Mailing Address: Acquisition Management Division Mail Stop: TWFN-5E03 Washington DC 20555-0001
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7. TAXPAYER IDENTIFICATION NO. (TIN)	9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Dr. Patrick Pinhero Email: Pinherop@missouri.edu; Phone: 573-882-7319
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.	

10. RESEARCH, PROJECT OR PROGRAM TITLE  
 Nuclear Science and Engineering Research and Educational Program in Nuclear Materials at the University of Missouri

11. PURPOSE  
 See Schedule

12. PERIOD OF PERFORMANCE (Approximately)  
 08/31/2012 through 08/30/2016

13A.	AWARD HISTORY	13B.	FUNDING HISTORY
PREVIOUS	\$450,000.00	PREVIOUS	\$450,000.00
THIS ACTION	\$0.00	THIS ACTION	\$0.00
CASH SHARE	\$0.00	<b>TOTAL</b>	\$450,000.00
NON-CASH SHARE	\$0.00		
RECIPIENT SHARE	\$150,000.00		
<b>TOTAL</b>	<b>\$450,000.00</b>		

14. ACCOUNTING AND APPROPRIATION DATA

PURCHASE REQUEST NO.	JOB ORDER NO.	AMOUNT	STATUS

15. POINTS OF CONTACT

	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS
TECHNICAL OFFICER				
NEGOTIATOR				
ADMINISTRATOR				
PAYMENTS				

16. THIS AWARD IS MADE UNDER THE AUTHORITY OF:  
 Pursuant to Section 31b and 141b of the Atomic Energy Act of 1954, as amended.

17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT	18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS
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UNITED STATES OF AMERICA	COOPERATIVE AGREEMENT RECIPIENT		
CONTRACTING/GRANT OFFICER M'LITA R. CARR <i>M'Lita Carr</i>	DATE 09/23/2015	AUTHORIZED REPRESENTATIVE	DATE

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ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 77.008 DUNS Number: 153890272 ZEROREQ-OCHCO-15-0248</p> <p>The purpose of this modification is to: 1) Extend the period of performance.</p> <p>As a result of this modification: 1) ATTACHMENT A - SCHEDULE, A.2 PERIOD OF GRANT, delete in its entirety and replace with the following:  "1. The effective date of this Grant is August 31, 2012. The completion date of this Grant is August 30, 2016.  2. Funds obligated in this grants are available for program expenditures for the period: August 31, 2012 - August 30, 2016"  2) A.4 AMOUNT OF AWARD AND PAYMENT PROCEDURES, delete in its entirety and replace with the following:  "1. The total estimated amount of this Award is \$450,000.00 for a four year period; inclusive of cost sharing."  ** All other terms and conditions remain the same** LIST OF CHANGES: Period Of Performance End Date changed from 2015-08-30 Payment: ASAP GRANT FUNDS REIMBURSEMENT SYS US TREASURY Period of Performance: 08/31/2012 to 08/30/2016</p>				