

Grant and Cooperative Agreement

CHOOSE ONE:

- COOPERATIVE AGREEMENT
 GRANT

CHOOSE ONE: EDUCATION FACILITIES RESEARCH SDCR TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER NRC-HQ-84-14-G-0021	2. SUPPLEMENT NUMBER M0003	3. EFFECTIVE DATE 06/29/2016	4. COMPLETION DATE
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5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) CLEMSON UNIVERSITY 201 SIKES HALL CLEMSON SC 296340001	6. ISSUED BY US NRC - HQ Mailing Address: ACQUISITION MANAGEMENT DIVISION MAIL STOP 3WFN-05-C64MP 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. Lindsay Shuller-Nickles Email: lshulle@clemsun.edu; Phone: 865-656-1448
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.	

10. RESEARCH, PROJECT OR PROGRAM TITLE
Clemson University Nuclear Engineering and Radiological Sciences Scholarship Program

11. PURPOSE
See Schedule

12. PERIOD OF PERFORMANCE (Approximately)
08/01/2014 through 07/31/2018

13A.	AWARD HISTORY	13B.	FUNDING HISTORY
PREVIOUS	\$200,000.00	PREVIOUS	\$200,000.00
THIS ACTION	\$0.00	THIS ACTION	\$0.00
CASH SHARE	\$0.00	TOTAL	\$200,000.00
NON-CASH SHARE	\$0.00		
RECIPIENT SHARE	\$0.00		
TOTAL	\$200,000.00		

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	NANCY V. HEBRON-ISREAL	3WFN/3A12	301-287-0718	Nancy.Hebron-Isreal@nrc.gov
NEGOTIATOR				
ADMINISTRATOR	GORDANA ZUBER		301-415-5002	gordana.zuber@nrc.gov
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 checked="" 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
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CONTRACTING/GRANT OFFICER M'LITA R. CARR	DATE 07/06/2016	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 ZEROREQ-OCHCO-16-0143</p> <p>The purpose of this modification is to extend the period of performance and re-allocate funds from Scholarship to Personnel and Fringe Benefits.</p> <p>As a result of this modification:</p> <p>1. ATTACHMENT A - SCHEDULE, A. Section A.2 PERIOD OF GRANT, delete in its entirety and replace with the following:</p> <p>"1. The effective date of this Grant is August 1, 2014. The completion date of this Grant is July 31, 2018.</p> <p>2. Funds obligated in this grants are available for program expenditures for the period: August 1, 2014 - July 31, 2018"</p> <p>B. Section A.3 BUDGET, see page 3 for details</p> <p>C. Section A.4 AMOUNT OF AWARD AND PAYMENT PROCEDURES, delete in its entirety and replace with the following:</p> <p>"1. The total estimated amount of this Award is \$200,000.00 for a four year period."</p> <p>**All other terms and conditions remain the same.**</p> <p>Payment: ASAP GRANT FUNDS REIMBURSEMENT SYS US TREASURY</p> <p>Period of Performance: 08/01/2014 to 07/31/2018</p>				

Page 3 of the award document under "ATTACHMENT A - SCHEDULE" SECTION "A.3 BUDGET", delete in its entirety and replace with:

	Year 1	Year 2	Year 3	Year 4
Personnel	\$12,326.00	\$13,197.00	\$18,159.00	\$13,742.00
Fringe Benefits	\$3,486.35	\$3,721.57	\$5,466.00	\$4,136.00
Travel	\$1126.19	\$372.39	\$2,500.00	\$2,786.00
Other (Scholarship)	\$7,500.00	\$20,000.00	\$35,000.00	\$50,000.00
Indirect Costs	<u>\$1,355.05</u>	<u>\$1,383.28</u>	<u>\$2,090.00</u>	<u>\$1,653.00</u>
Total	\$25,794.00	\$38,674.00	\$63,215.00	\$72,317.00