

# Grant and Cooperative Agreement

CHOOSE ONE:

- COOPERATIVE AGREEMENT  
 GRANT

CHOOSE ONE:  EDUCATION  FACILITIES  RESEARCH  SDCR  TRAINING

|  |                               |                                 |                    |
|--|-------------------------------|---------------------------------|--------------------|
| 1. GRANT/COOPERATIVE AGREEMENT NUMBER<br>NRC-HQ-11-G-38-0081 | 2. SUPPLEMENT NUMBER<br>M0005 | 3. EFFECTIVE DATE<br>06/16/2015 | 4. COMPLETION DATE |
|--|-------------------------------|---------------------------------|--------------------|

|   |   |
|---|---|
| 5. ISSUED TO<br>NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip)<br>THE GEORGE WASHINGTON UNIVERSITY<br>2121 I ST NW STE 601<br>WASHINGTON DC 200520001 | 6. ISSUED BY U.S. NRC - HQ<br><b>Mailing Address:</b> Acquisition Management Division<br>Mail Stop: 3WFN-05-C64MP<br>Washington DC 20555-0001 |
|---|---|

|                                      |   |
|--------------------------------------|---|
| 7. TAXPAYER IDENTIFICATION NO. (TIN) | 9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone)<br>Dr. Christopher Cahill |
|--------------------------------------|---|

|  |                       |
|--|-----------------------|
| 8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO. | Email: cahill@gwu.edu |
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10. RESEARCH, PROJECT OR PROGRAM TITLE  
 The Science of Nuclear Materials: Development of modular, laboratory-based curriculum to explore the properties of nuclear materials

11. PURPOSE  
 See Schedule

12. PERIOD OF PERFORMANCE (Approximately)  
 08/22/2011 through 08/31/2014

| 13A.            | AWARD HISTORY       | 13B.         | FUNDING HISTORY |
|-----------------|---------------------|--------------|-----------------|
| PREVIOUS        | \$301,461.00        | PREVIOUS     | \$301,461.00    |
| THIS ACTION     | (\$3,397.93)        | THIS ACTION  | (\$3,397.93)    |
| CASH SHARE      | \$0.00              | <b>TOTAL</b> | \$298,063.07    |
| NON-CASH SHARE  | \$0.00              |              |                 |
| RECIPIENT SHARE | \$53,919.00         |              |                 |
| <b>TOTAL</b>    | <b>\$298,063.07</b> |              |                 |

14. ACCOUNTING AND APPROPRIATION DATA  
 2011-X0200-FEEBASED-84-84D003-51-K-134-T8453-4110

| PURCHASE REQUEST NO. | JOB ORDER NO. | AMOUNT | STATUS |
|----------------------|---------------|--------|--------|
|                      |               |        |        |

15. POINTS OF CONTACT

|                   | NAME                 | MAIL STOP | TELEPHONE      | E-MAIL ADDRESS               |
|-------------------|----------------------|-----------|----------------|------------------------------|
| TECHNICAL OFFICER | Tanya Parwani-Jaimes | 3WFN/3A44 | 301-287-0730   | Tanya.Parwani-Jaimes@nrc.gov |
| NEGOTIATOR        |                      |           |                |                              |
| ADMINISTRATOR     | M'LITA R. CARR       |           | (301) 415-6869 | MLITA.CARR@NRC.gov           |
| PAYMENTS          |                      |           |                |                              |

16. THIS AWARD IS MADE UNDER THE AUTHORITY OF:  
 Pursuant to Section 31b and 14b of the Atomic Energy Act of 1954, as amended

|  |   |
|--|---|
| 17. APPLICABLE STATEMENT(S), IF CHECKED:<br><input checked="" type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS<br><input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT | 18. APPLICABLE ENCLOSURE(S), IF CHECKED:<br><input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS<br><input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS |
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|--------------------------|---------------------------------|
| UNITED STATES OF AMERICA | COOPERATIVE AGREEMENT RECIPIENT |
|--------------------------|---------------------------------|

|   |                    |                           |      |
|---|--------------------|---------------------------|------|
| CONTRACTING/GRANT OFFICER<br>M'LITA R. CARR <i>M. Lita Carr</i> | DATE<br>06/16/2015 | AUTHORIZED REPRESENTATIVE | DATE |
|---|--------------------|---------------------------|------|

## Grant and Cooperative Agreement

| ITEM NO.<br>(A) | ITEM OR SERVICE (Include Specifications and Special Instructions)<br>(B)  | QUANTITY<br>(C) | UNIT<br>(D) | ESTIMATED COST    |               |
|-----------------|---|-----------------|-------------|-------------------|---------------|
|                 |   |                 |             | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|                 | CFDA Number: 77.006<br>NRC-HQ-11-G-38-0081<br>ZEROREQ-OCHCO-15-0187<br><br>The purpose of this modification is to deobligate the remaining funds in the amount of \$3,397.93 and to officially closeout this grant. All other terms and conditions remain the same.<br>Payment:<br>ASAP GRANT FUNDS REIMBURSEMENT SYS<br>US TREASURY<br>Period of Performance: 08/22/2011 to 08/31/2014 |                 |             |                   |               |