

**U.S. NUCLEAR REGULATORY COMMISSION
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-HQ-11-G-38-0079	2. MODIFICATION NO. M002	3. PERIOD OF PERFORMANCE FROM: 8/22/2011 TO: 8/31/2013	4. AUTHORITY Pursuant to Section 31b and 141b of the Atomic Energy Act of 1954, as amended
5. TYPE OF AWARD <input checked="" type="checkbox"/> GRANT <input type="checkbox"/> COOPERATIVE AGREEMENT	6. ORGANIZATION TYPE Public State-Controlled Institution of Higher ED DUNS: 956072490 NAICS: 611310	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS University of Massachusetts Lowell One University Avenue Lowell, MA 01854	
8. PROJECT TITLE: Development of a Graduate Reactor Experiments Course at University of Massachusetts - Lowell			
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED See Program Description AND APPENDIX A-PROJECT GRANT PROVISIONS	10. TECHNICAL REPORTS ARE REQUIRED <input checked="" type="checkbox"/> PROGRESS AND FINAL <input type="checkbox"/> FINAL ONLY <input type="checkbox"/> OTHER (Conference Proceedings)	11. PRINCIPAL INVESTIGATOR(S) NAME, ADDRESS and EMAIL ADDRESS Dr. John White University of Massachusetts Lowell One University Avenue Lowell, MA 01854 Email: John.White@uml.edu Phone: (978) 459-8561	
12. NRC PROGRAM OFFICE (NAME and ADDRESS) NRC Attn: Tanya Parwani-Jaimes Office of Human Resources MS: GW5A06 (301) 492-2308 11545 Rockville Pike Rockville, Maryland 20852 Email: Tanya.Parwani-Jaimes@nrc.gov	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2011-84-51-K-134 JOB CODE: T8453 BOC NO: 4110 OFFICE ID NO: NRC-HQ-11-G-38-0079M002 FAMIS: N/A		14. METHOD OF PAYMENT <input type="checkbox"/> ADVANCE BY TREASURY CHECK <input type="checkbox"/> REIMBURSEMENT BY TREASURY CHECK <input type="checkbox"/> LETTER OF CREDIT <input checked="" type="checkbox"/> OTHER (SPECIFY) Electronic ASAP.gov (See Remarks in Item #20 "Payment Information")
15. NRC OBLIGATION FUNDS THIS ACTION <u>\$0.00</u> PREVIOUS OBLIGATION <u>\$130,052.00</u> TOTAL <u>\$130,052.00</u>		16. TOTAL FUNDING AGREEMENT NRC <u>\$130,052.00</u> RECIPIENT <u>\$0.00</u> TOTAL <u>\$130,052.00</u> This action provides funds for Fiscal Year in the amount of <u>See Page Two</u>	
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Shashi Malhotra Email: Shashi.Malhotra@NRC.GOV Mail Stop: TWB-01-B10M Rockville MD 20852			
18. Signature Not Required		19. NRC CONTRACTING OFFICER <div style="text-align: right;"><i>Sheila Bumpass</i> 4/12/12</div> <div style="display: flex; justify-content: space-between;"><div>(Signature)</div><div>(Date)</div></div> <div style="display: flex; justify-content: space-between;"><div>NAME (TYPED) <u>Sheila Bumpass</u></div><div></div></div> <div style="display: flex; justify-content: space-between;"><div>TITLE <u>Contracting Officer</u></div><div></div></div> <div style="display: flex; justify-content: space-between;"><div>TELEPHONE NO. <u>301-492-3484</u></div><div></div></div>	
20. PAYMENT INFORMATION Payment will be made through the Automated Standard Application for Payment (ASAP.gov) unless the recipient has failed to comply with the program objectives, award conditions, Federal reporting requirements or other conditions specified in 2 CFR 215 (OMB Circular A110).			
21. Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to Non-Government Recipients. Acceptance of these terms and conditions is acknowledged when Federal funds are used on this project.			
22. ORDER OF PRECEDENCE In the event of a conflict between the recipient's proposal and this award, the terms of the Award shall prevail.			
23. By this award, the Recipient certifies that payment of any audit-related debt will not reduce the level of performance of any Federal Program.			

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

ADM002

The purpose of this modification is to:

- 1) Revise the "Grant Performance Metrics" to include performance metrics. Under Attachment C – Standard Terms and Conditions; 2. Award Package – Grant Performance Metrics, deleted in its entirety and replaced with the following:

"Grant Performance Metrics:

In addition to the customary performance progress report requested on the SF-PPR, SF-PPR-B, and SF-PPR-E forms, NRC requires the following metrics to be reported on by the awardees as follows:

1. Overall number of new courses developed in NRC designated STEM areas (including the names of the courses);
 2. Number of students enrolled in new STEM courses;
 3. Number of these enrolled students retained in STEM major."
- 2) Revise the reporting requirement period for the Federal Financial Report (FFR, SF-425) to a semi-annual basis. Under Attachment C – Standard Terms and Conditions; Monitoring and Reporting §215.51, "b. Federal Financial Reports" deleted in its entirety and replaced with the following:

"b. Federal Financial Reports

The Grantee shall submit a "Federal Financial Report" (SF-425) on a semi-annual basis for the periods ending March 31 and September 30, or any portion thereof, unless otherwise specified in a special award condition. Reports are due no later than 30 days following the end of each reporting period. A final SF-425 is due within 90 days after expiration of the award. The report should be submitted electronically to: Grants_FFR@NRC.GOV. (NOTE: There is an underscore between Grants and FFR)."

All other terms and conditions remain unchanged