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

1. GRANT/AGREEMENT NO.	2. MODIFICATION NO.	3. PERIOD OF PERFORMANCE	4. AUTHORITY
NRC-27-10-1118		FROM: 9/30/10 TO: 9/30/2012	Pursuant to Section 31b and 141b of the Atomic Energy Act of 1954, as amended

5. TYPE OF AWARD	6. ORGANIZATION TYPE	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS
[X] GRANT [ ] COOPERATIVE AGREEMENT	State Controlled Institution of Higher Education DUNS: 095100152	TEXAS A&M UNIVERSITY-CORPUS CHRISTI 6300 OCEAN DR STE NRC 2011 CORPUS CHRISTI TX 784125503

8. PROJECT TITLE:
Nuclear Workforce Development Scholarships and Enhancement Programs

9. PROJECT WILL BE CONDUCTED	10. TECHNICAL REPORTS ARE REQUIRED	11. PRINCIPAL INVESTIGATOR(S) NAME, ADDRESS and EMAIL ADDRESS
PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED See Program Descript AND APPENDIX A-PROJECT GRANT PROVISIONS	[X] PROGRESS AND FINAL [ ] FINAL ONLY [ ] OTHER (Conference Proceedings)	H.B Karayaka Texas A&M University Corpus Christi 6300 Ocean Dr. Coprus Christi TX 78412 bora.karayaka@tamucc.edu

12. NRC PROGRAM OFFICE (NAME and ADDRESS)	13. ACCOUNTING and APPROPRIATION DATA		14. METHOD OF PAYMENT
U.S. Nuclear Regulatory Commission Office of Human Resources ATTN: Tuwanda Smith, 301-415-7394 Mail Stop: O3-H8 Washington DC 20555 tuwanda.smith@nrc.gov	APPN. NO:	31X0200	[ ] ADVANCE BY TREASURY CHECK [ ] REIMBURSEMENT BY TREASURY CHECK [ ] LETTER OF CREDIT [X] OTHER (SPECIFY) Electronic ASAP.gov (See Remarks in Item #20 "Payment Information")
	B&R NO:	07-P-15-5C1-161	
	JOB CODE:	N7316	
	BOC NO:	4110	
	OFFICE ID NO:	SDB-27-10-1118	

15. NRC OBLIGATION FUNDS		16. TOTAL FUNDING AGREEMENT		
THIS ACTION	$50,000.00	NRC	180,000.00	This action provides funds for Fiscal Year in the amount of See Page 2
PREVIOUS OBLIGATION	0.00	RECIPIENT	0	
TOTAL	$50,000.00	TOTAL	180,000.00	

17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)

U.S. Nuclear Regulatory Commission
Div. of Contracts
Attn: Shashi Malhotra, (301)492-3604
Mail Stop TWB-01-B10M
Washington, DC 20555
Shashi.Malhotra@nrc.gov

18.	19. NRC CONTRACTING OFFICER
Acceptance of or objections to the Terms and Conditions of Award must be Emailed to the NRC Issuing Office (Block #17) within three (3) business days following the Award issue date. NRC considers lack of response as acceptance by the grantee of the terms and conditions of award.	Sheila Bumpass 9/27/2010 (Signature) (Date) NAME (TYPED) Sheila Bumpass TITLE Contracting Officer TELEPHONE NO. (301)492-3484

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

ATTACHMENT A - SCHEDULE

A.1 PURPOSE OF GRANT

The purpose of this Grant is to provide support to the "Texas A&M University Corpus Christi – Nuclear Workforce Development Scholarships Program."

A.2 PERIOD OF GRANT

1. The effective date of this Grant is September 30, 2010. The estimated completion date of this Grant is September 30, 2012.

2. Funds obligated hereunder are available for program expenditures for the estimated period: September 30, 2010 – September 30, 2012. Continued funding is subject to the availability of additional funding.

A. GENERAL

1. Total Estimated NRC Amount:	$180,000.00
2. Total Obligated Amount:	$ 50,000.00
3. Cost-Sharing Amount:	$ 0.00
4. Activity Title:	Texas A&M University Corpus Christi Nuclear Workforce Development Scholarship Program.
5. NRC Project Officer:	Tuwanda Smith, Esq.
6. DUNS No.:	095100152

B. SPECIFIC

RFPA No.:	SDB-27-10-1118
FFS:	SBC10322
Job Code:	N7316
BOC:	4110
B&R Number:	07P-15-5C1-161
Appropriation #:	31X0200
Amount Obligated:	$50,000.00

A.3 BUDGET

Revisions to the budget shall be made in accordance with Revision of Grant Budget in accordance with 2 CFR 215.25.

	Year 1	Year 2
Direct Participant Cost	$85,657.00	$85,802.00
Indirect Cost	$4,343.00	$ 4,198.00
Total	$90,000.00	$90,000.00

All travel must be in accordance with the Texas A&M University Corpus Christi Travel Regulations or the US Government Travel Policy absent Grantee's travel regulation.

A.4 AMOUNT OF AWARD AND PAYMENT PROCEDURES

1. The total estimated amount of this Award is $180,000.00 for a two year period.

2. NRC hereby obligates the amount of $180,000.00 for program expenditures during the period set forth above and in support of the Budget above. The Grantee will be given written notice by the Contracting Officer when additional funds will be added. NRC is not obligated to reimburse the Grantee for the expenditure of amounts in excess of the total obligated amount.

3. Payment shall be made to the Grantee in accordance with procedures set forth in the Automated Standard Application for Payments (ASAP) Procedures set forth below.

Attachment B – Program Description

Introduction

Texas A&M University Corpus Christi (TAMUCC) proposes this two-year project to fund five Nuclear Workforce Development Scholarships for $6000 per semester for Mechanical Engineering and Engineering Technology (MEET) students who are pursuing an educational emphasis in nuclear power and who desire to contribute to the design, construction, operation or regulation of the nation's nuclear facilities. As we point out in the proposal, recruiting for the nuclear-related workforce, particularly among traditionally underrepresented minorities, is of vital importance to both the economic future and security of the nation. This Nuclear Workforce Development Scholarship and Enhancement program will also help initiate collaborative activities between TAMUCC (a Hispanic Serving Institution) and Texas A&M University Kingsville (TAMUK) (a Minority and Hispanic Serving Institution) to continue their programs which assist in building the nation's nuclear workforce. As part of those programs, the Department of Computing Sciences (which encompasses engineering and engineering technology programs) at TAMUCC and the Department of Physics at TAMUK have cooperative agreements with the Nuclear Power Institute of Texas A&M University in College Station, Texas to encourage students to enter the fields of nuclear power, science and health physics. With this proposal, we intend to provide scholarships for students at TAMUCC who plan to pursue a career in nuclear power. We also propose a collaborative enhancement program between TAMUCC and TAMUK to help in recruiting, mentoring and marketing efforts for the students in the fields of nuclear power, science and health physics.

Description of Scholarship Program and TNPI Partnership

One of the purposes of this program will be to provide five undergraduate scholarships of $6,000 per semester to specifically selected Texas A&M University Corpus Christi MEET program majors in mechanical engineering, mechanical engineering technology and electrical engineering technology. Selected students will be freshmen through seniors who would be pursuing an educational emphasis in nuclear power (which is described below) and who have agreed to the terms of the scholarship program which will include an agreement to work in nuclear-related employment for 6 months for every complete or partial year of support awarded. The advantage of instituting this program at TAMUCC is presented below.

For several years it has been projected that the current nuclear industry will soon be facing a manpower crisis due to both attrition within its aging "soon-to-be-retiring" workforce. Furthermore it has become clear that national security issues demand an expanded, not a contracted, nuclear power industry. Estimates for the number of nuclear industry workers that will be needed in the near future have shown that we must recruit many more individuals than we have recruited in recent years, and that imperative, in turn, demands that a concerted effort must be placed on recruiting individuals from non-traditional sources. TAMUCC is designated as Hispanic Serving Institution (HSI). Such students have historically not entered careers in nuclear power and are, therefore, exactly the students we should be recruiting today. Consequently, several years ago TAMUCC entered into a partnership with Texas Nuclear Power Institute or TNPI (which is a Texas-wide partnership led by the Texas Engineering Experiment Station (TEES) and headquartered at Texas A&M University) to attract traditionally underrepresented students into careers in nuclear power and science.

However, the limited funds provided through this partnership are mainly designed for nuclear power related course/certificate development and regional student recruitment activities.

Our Nuclear Power emphasis developed with TNPI partnership includes following courses:

1. ENTC 4490.001 Special Topics-TNPI Online Course #1
2. ENTC 4490.002 Special Topics-TNPI Online Course #2
3. ENTC 4335 Energy Conversion
4. ENTC 4430 Power Transmission and Distribution
5. ENTC 3340 Power Protection Systems

The courses 3, 4 and 5 above are offered in classroom by our MEET program. Special Topics courses 1 and 2 are selected with advising faculty's guidance from the online course offerings provided by TNPI which include:

1. Nuclear Power Plant Fundamentals
2. Nuclear Power Plant Systems
3. Nuclear Power Plant Operation
4. Human Performance for Nuclear Power Plant

With the program and activities sponsored by TNPI in place, new scholarship funds at TAMUCC would play a key complementary role to attract quality students of Texas into careers in nuclear power which is of national importance.

Description of Enhancement Program

Enhancement program involves collaboration between TAMUCC and TAMUK to improve recruiting, mentoring and marketing efforts for the students in the fields of nuclear power, nuclear science and health physics.

TAMUK has a current program entitled "Proposal for Nuclear Science Workforce Development Scholarships"[1] which is funded by Nuclear Regulatory Commission. By taking advantage of the close proximity of TAMUCC and TAMUK campuses, we propose to implement this Enhancement Program for the benefit and success of both schools in terms of cost saving, effective recruiting, mentoring and marketing. The implementation details are presented in the following section.

Recruiting and Marketing Activities

The proposed Nuclear Workforce Development Scholarships and Enhancement Program (NWDSEP) will play an integral part in TAMUCC's recruitment activities for the expansion of the national nuclear-related workforce. Members of the TAMUCC Department of Computing Sciences MEET Program along with the university as a whole engage in an active many-pronged recruitment program. That recruiting program includes taking trips to regional high schools and community colleges, drawing upon the department's service course base to recruit from within and outside the university, organizing summer camps for students and teachers, and engaging in other activities that enhance the recognition of the program both within the community and throughout the region.

NWDSEP will provide five scholarships yearly, and cumulatively for up to two years that will be used as a recruitment tool along with opportunities for research projects engaging students, mentoring, and internships. The recruitment sources for prospective scholars are given in Table 1.

NWDSEP will increase awareness of nuclear power related degrees and employment opportunities in those fields through its recruitment and advertisement campaign. Recruitment and marketing efforts will capitalize on the work of TAMUCC Admissions and Records, Office of Recruitment and New Student Programs (ORNSP), and the Academic Advising and Transition Center (AATC).

We will work with TAMUCC ORNSP to target regional high schools with large minority and economically disadvantages populations in order to increase the diversity of MEET students at TAMUCC. Of the 104,091 students within the region (Texas Education Region #2), 62.1% are economically disadvantaged, 71.1% are Hispanic and 3.6% African American according to Texas Education Agency, 2008-09 Academic Excellence Indicator System Performance Report Region 2 (http://ritter.tea.state.tx.us/perfreport/aeis/). Although we will target the high schools with the largest economically disadvantaged populations, applications will be sought from all schools. Table 2 lists the independent school districts (ISDs) with at least 1000 students, sorted by percentage of economic disadvantage. Note that the Corpus Christi ISD is the largest in the region.

TABLE 1. Recruitment Sources for Prospective NWDESP Scholars

STUDENT AUDIENCE	RECRUITMENT SOURCES
Juniors and Seniors from high schools in the TAMUCC service area and surrounding regions (primary target: spring juniors)	• High school MATH and science teachers and counselors • Annual counselor update sessions at TAMUCC • MATH and science specialists at the Texas Education Service Center, Region 2
Community college and high school students through outreach activities and admission applications	• TAMUCC Office of Recruitment and New Student Programs (ORNSP) staff and NWDSEP faculty visits to community colleges and high schools • TAMUCC Admissions records
Students already accepted to TAMUCC who have not decided on an academic major	• TAMUCC Transition Center
Currently enrolled MEET students	• NWDSEP faculty • Student organizations
Students in **all academic disciplines** seeking opportunities	• Announcements posted on opportunity boards on campus • Campus Announcements emailed to students and faculty
Employees at companies involved in MEET advisory committee (IAC)	• Human Resource Managers at employers around the area

TABLE 2. Minority and Economic Percentages of Region 2 School Districts

District	County	Number of Students	Hispanic Students	Economically Disadvantaged
Taft ISD	San Patricio County	1,148	85.71%	88.40%
Mathis ISD	San Patricio County	1,746	91.64%	88.20%
Robstown ISD	Nueces County	3,390	97.37%	88.20%
West Oso ISD	Nueces County	2,090	83.88%	87.40%
Brooks County ISD	Brooks County	1,495	97.73%	83.50%
Alice ISD	Jim Wells County	5,389	92.80%	76.80%
Kingsville ISD	Kleberg County	3,981	83.37%	76.70%
Sinton ISD	San Patricio County	2,125	80.66%	71.20%
Aransas Pass ISD	San Patricio County	1,881	50.08%	70.50%
Corpus Christi ISD	Nueces County	38,196	77.40%	68.00%
Aransas County ISD	Aransas County	3,156	37.36%	65.60%
Beeville ISD	Bee County	3,535	79.72%	65.50%
San Diego ISD	Duval County	1,369	98.98%	64.20%
Orange Grove ISD	Jim Wells County	1,761	57.35%	63.10%
Bishop Cisd	Nueces County	1,227	78.48%	59.50%
Odem-Edroy ISD	San Patricio County	1,134	79.98%	57.60%
Tuloso-Midway ISD	Nueces County	3,425	68.38%	50.80%
George West ISD	Live Oak County	1,146	50.96%	49.90%
Flour Bluff ISD	Nueces County	5,474	13.94%	46.60%
Calallen ISD	Nueces County	3,808	51.18%	46.40%
Ingleside ISD	San Patricio County	2,150	49.77%	45.80%
Gregory Portland ISD	San Patricio County	4,197	48.58%	39.70%

Other recruitment activities include engineering competitions for regional high school students and summer training camps for both high school students and science/math teachers. During these summer camps, attendees (specifically teachers) are particularly informed about the workforce needs for the nuclear industry and they are trained with the basics of electrical and mechanical engineering through select laboratory experiments.

Another recruiting activity involves bringing outstanding representatives and speakers from industry or academia to campus to give talks in engineering and to discuss opportunities for a career in engineering and nuclear power with students. Most recently, we hosted the Director of TNPI, Dr. Lee Peddicord, who gave a presentation and speech on the importance of nuclear power and workforce needs in the near future. After the meeting, quite a few students were truly interested with the subject and expressed their willingness to be involved in the nuclear industry, including two who signed up for nuclear related on-line courses offered through Texas A&M University.

A collaborative enhancement program between TAMUCC MEET Program and TAMUK Physics Department is also planned. In this program, students visit each other's campuses, facilities and laboratories to get a broader sense of the nuclear field. During these visits, the students will get a chance to meet their peers, and explore various tools and opportunities that help expand their world view in the field of nuclear power and science. Cooperative recruiting and marketing trips to conferences, college fairs and regional competitions are among other venues for enhancement of the program.

Like all other marketing campaigns, recruiting must be an ongoing process. Our department and program has made a strong commitment to student recruitment. One of the significant attractors to traditionally underrepresented students is our ability to offer significant scholarships in career fields which has major employment potential. As we continue to attract and recruit, success will build upon success.

Scholarship Selection Process

Students wishing to participate in NWDESP must:

- be Texas residents
- be US citizens, or permanent residents
- complete the Nuclear Workforce Development Scholarship Application Form
- submit a current resume
- provide complete transcripts
- acquire three letters of recommendation
- write an essay (300-500 words) describing their interest in their current professional goals and interest in the nuclear career fields
- qualify for financial aid, as determined by TAMUCC Financial Aid Office
- demonstrate academic potential in MEET

Students meeting the degree pursuit requirement may apply for scholarship funds under this program. All students who complete the application process will be considered for acceptance. In January, a workshop will be held at TAMUCC to assist students interested in completing the application package.

The Scholarship Selection team including the PI, other faculty, program coordinator, academic advisor, and industry representatives will jointly review student applications in April. Applications will be ranked based on the submitted application material using a scoring rubric giving points for eligibility criteria and interest. Additional points will be awarded to applicants from underrepresented groups such as women, Hispanics and other minorities. Applications will be accepted in February for the fall semester. Acceptance letters will be mailed by May 15th.

Each semester scholarships will become available, either due to a new group of 5 scholarships that will be awarded or a continuation of the previously awarded scholarships. In order to be granted scholarship renewal, students must:

- Maintain full time enrollment in the MEET program
- Have a cumulative GPA > 3.0 (exceptions may be granted for Scholars having a grade point during the most recent academic year greater than the Scholar's cumulative GPA that does not meet the minimum requirements).

The determination of continuing eligibility will be made semesterly after the completion of the long semester. Awards will be made beginning each long semester every year.

Once a student is awarded the scholarship, s/he will be eligible to receive the $6,000 per semester financial support for up to four semesters as long as the requirements of the scholarship are met. Each student's eligibility status will be reviewed at the end of each semester. If a scholarship recipient does not maintain the requisite GPA, he or she will be allowed one semester to improve. During this probationary semester, the scholarship team will ensure the student receives an extra measure of support, including tutoring and mentorship. Campus-wide opportunities for student success are listed in the next section. If all efforts fail and a student must be dropped from the program, the student will work with the academic advisor, Ms. Olivarez, to find a suitable replacement, who will be evaluated as a new applicant.

In the event that an eligible student chooses to leave the MEET program, the student will still be

expected to follow the contract terms and pursue employment in nuclear fields for the duration agreed in the contract based on the period of scholarship received.Students who do not comply with the terms of the agreement will be obliged to return the received scholarship funds to the university. Orientations for students will afford the opportunity to highlight the Nuclear Workshop Development Scholarship via literature and through verbal promotion to parents, students, and teachers.

Management Structure and Program Administration

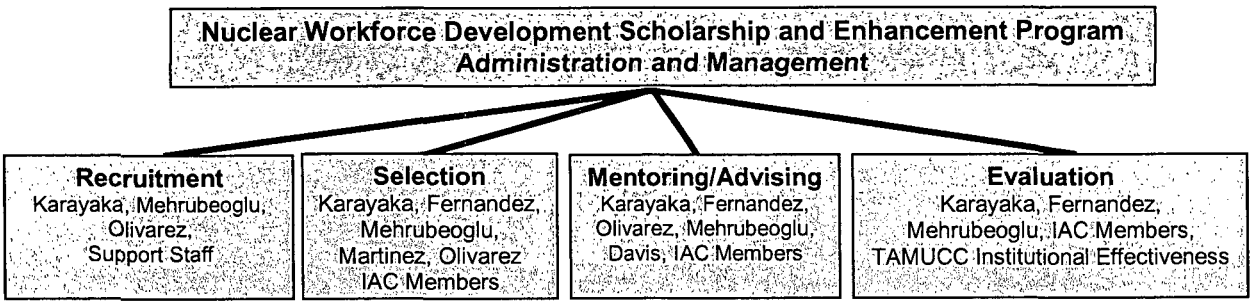
The organization of the project administration is shown in Figure 1. The project team, university's various offices, and industry representatives (IAC) will contribute to the activities in recruitment, selection, mentoring, management, and evaluation. The scholarship team will provide guidance to improve performance and integration within the university to meet the project and university goals. Industry representatives from the Industry Advisory Committee will be selected to assist with the selection of scholars and mentoring/advising activities.

PI Karayaka is an MEET faculty, and the power and energy leader in the program. With his over ten years of industry experience, he has extensive experience in project management, and a clear understanding of deadlines, industry requirements, safety and reliability issues, and other aspects in the power and energy fields. He is responsible for teaching the energy and power courses in the MEET. PI Karayaka will have the overall responsibility for administering the project. He will be involved in all stages of the program from recruitment through selection, mentoring, coordinating, and tracking to reporting.

Co-PI Fernandez has been the CEO of a corporation and a decorated military leader. After taking over as the coordinator of CSEMS, he turned that program into a success. Because of his experience, and as the current department chair, he will provide the leadership needed to ensure the success of the NWDSEP. Co-PI Mehrubeoglu is an MEET faculty and program coordinator. She is a strong supporter of undergraduate mentoring and has mentored students in undergraduate research and capstone projects. A recent project involved the development of a wave-powered buoy prototype. She will be involved in the project as a mentor and student advisor, and help with recruitment and selection efforts. A graduate student and project coordinator will help assure the timely progress of the project, and help with recruitment, marketing, report writing and other required management duties. The support staff will be responsible for student support activities, be contacting high schools, and help with the day-to-day activities under the supervision of PI Karayaka.

Services of the Career Services (Randy Davis, Engineering and Technology Liaison), Scholarship Office (Misty Martinez, Scholarships Coordinator) will be sought to assist students with career counseling, internships, job search as well as the scholarship process. Other student support services on campus will also be utilized to help students succeed, including seminars on financial planning, time management, public speaking, technical writing, and tutoring. Academic advisor, Ms. Ida Olivarez, will help advertise and recruit student applicants and will notify the PI and Co-PIs of all the students they consider to be eligible for the planned scholarship under the NWDSEP. The support staff will help with drafting project reports, coordinating with the student support services key personnel, and ensuring that the scholars who are not performing adequately in their classes receive tutoring, coaching, and counseling as necessary to succeed.

Figure 1. Membership Organization of the Project Administration and Management



The project team will develop the announcement for the scholarship, the application requirements, visit high schools and community colleges, and distribute the information to the dissemination networks.

The selection team is assigned the task of determining eligibility, ranking the candidates, and providing notifications of acceptance and rejection to the students. The team will screen applications for completeness and then forward the approved applicant list to Financial Aid to determine financial need of each applicant. Financial Aid will provide a list of qualifying candidates to the head of the selection team. The selection team will evaluate candidates according to the selection criteria and provide a list of accepted candidates to the PI. The PI will notify all applicants of their award status. The PI will also provide a list of approved applicants to the mentoring, management, and evaluation teams.

The mentoring team will function as a regular source for advising and mentoring. They will also facilitate interaction of the Scholars with other students, faculty, and university programs that will provide the Scholars academic support and social benefit. The mentoring team will participate in academic advising, social meetings of faculty and students, meetings of student organizations, career placement support, and meetings with industry professionals.

Project evaluation will be performed by the project team, and external and internal human resources. The information will be used to assess the scholars' selection and performance to help with the selection process in the semesters to follow, and track the success of the project.

Table 3 summarizes the annual scholarship selection process.

Evaluation Plan

TAMUCC will develop and implement an evaluation plan with the purpose of measuring this project's impact in attracting and retaining students for careers in nuclear power. Part of the plan will include intake and outtake surveys of not only award candidates but all students recruited into the Engineering and Engineering Technology program at TAMUCC.

This plan will be an addition to the existing institutional evaluations of our program's performance in recruiting and retaining students and preparing them for entry into either the workplace or graduate school.

This established evaluation plan is a significant part of our program's overall evaluation plan, and, with the addition of a component which is specific for tracking the performance of Nuclear Workforce Development Scholarship recipients, will be a valuable asset in future planning for both the scholarship program and the department's continued evaluation of the nuclear power curriculum as a whole.

TABLE 3. Anticipated Annual Program Schedule

Activity	Schedule
Recruitment at high schools and community colleges	Ongoing throughout the year
Mentoring & Research Activities to Engage Students	Ongoing throughout the year
Announcement of scholarship availability to networks	September-October
Distribution of scholarship information to applicants from Admissions files	November – December
Application Package Assistance Workshop	January
Applications due from students	February
Screened applications sent to Student Financial Aid	March
Screened applications for citizenship, enrollment, and financial need	April
Selection of the scholars (scholarship recipients)	April/May
Scholarship recipients notified by PI	May
New student orientation	Summer
Mentor training	Prior to Fall and Spring classes
Meetings with staff and faculty advisors for academic advisement and registration	New students orientation
Mentor meeting (mentoring team, scholars)	Near end of fall and spring semester
Professional seminars	During the school year
Progress meeting (mentoring team, scholars)	First of Fall and Spring semester
Evaluation summary	Near end of each semester
Mentor training & Student advising and registration	Prior to each semester
Mentoring meeting	First of each semester
End of year program meeting	Near end of spring semester
Evaluation report	May, December

The detailed table for all students may be found at the following TAMUCC website:

http://falcon.tamucc.edu/~business/tuition_fall_2010.htm

Attachment C – Standard Terms and Conditions

The Nuclear Regulatory Commission's
Standard Terms and Conditions for U.S. Nongovernmental Grantees

Preface

This award is based on the application submitted to, and as approved by, the Nuclear Regulatory Commission (NRC) under the authorization 42 USC 2051(b) pursuant to section 31b and 141b of the Atomic Energy Act of 1954, as amended, and is subject to the terms and conditions incorporated either directly or by reference in the following:

- Grant program legislation and program regulation cited in this Notice of Grant Award.
- Restrictions on the expenditure of Federal funds in appropriation acts, to the extent those restrictions are pertinent to the award.
- Code of Federal Regulations/Regulatory Requirements - 2 CFR 215 Uniform Administrative Requirements For Grants And Agreements With Institutions Of Higher Education, Hospitals, And Other Non-Profit Organizations (OMB Circulars), as applicable.

To assist with finding additional guidance for selected items of cost as required in 2 CRF 220, 2 CFR 225, and 2 CFR 230 these URLs to the Office of Management and Budget Cost Circulars are included for reference:

A-21 (now 2CFR 220): http://www.whitehouse.gov/omb/circulars/a021/print/a021.html
A-87 (now 2CFR 225: http://www.whitehouse.gov/omb/circulars/a087/print/a087-all.html
A-122 (now2 CFR 230 http://www.whitehouse.gov/omb/circulars/a122/print/a122.html

A-102, SF 424: http://www.whitehouse.gov/omb/circulars/a102/print/a102.html
Form 990: http://www.irs.gov/pub/irs-pdf/i990-ez.pdf

Any inconsistency or conflict in terms and conditions specified in the award will be resolved according to the following order of precedence: public laws, regulations, applicable notices published in the Federal Register, Executive Orders (EOs), Office of Management and Budget (OMB) Circulars, the Nuclear Regulatory Commission's (NRC) Mandatory Standard Provisions, special award conditions, and standard award conditions.

By drawing funds from the Automated Standard Application for Payment system (ASAP), the recipient agrees to the terms and conditions of an award.

Certifications and representations. These terms incorporate the certifications and representations required by statute, executive order, or regulation that were submitted with the SF424B application through Grants.gov.

I. Mandatory General Requirements
The order of these requirements does not make one requirement more important than any other requirement.

1. Applicability of 2 CFR Part 215

a. All provisions of 2 CFR Part 215 and all Standard Provisions attached to this grant/cooperative agreement are applicable to the Grantee and to sub-recipients which meet the definition of "Grantee" in Part 215, unless a section specifically excludes a sub-recipient from coverage. The Grantee and any sub-recipients must, in addition to the assurances made as part of the application, comply and require each of its sub-awardees employed in the completion of the project to comply with Subpart C of 2 CFR 215 Part 180 and include this term in lower-tier (subaward) covered transactions.

b. Grantees must comply with monitoring procedures and audit requirements in accordance with OMB Circular A-133. <
http://www.whitehouse.gov/omb/circulars/a133_compliance/08/08toc.aspx >

2. Award Package

Grant Performance Metrics:

The Office of Management and Budget requires all Federal Agencies providing funding for educational scholarships and fellowships as well as other educational related funding to report on specific metrics. These metrics are part of the Academic Competitiveness Council's (ACC) 2007 report and specifically relates to Science, Technology, Engineering, and Mathematics (STEM) curricula.

Service Agreement

A signed service agreement and resume are required for all student recipients of scholarships or fellowships funded by the US Nuclear Regulatory Commission. The Service Agreement is attached to the Terms and Conditions.

§ 215.41 Grantee responsibilities.

The Grantee is obligated to conduct such project oversight as may be appropriate, to manage the funds with prudence, and to comply with the provisions outlined in 2 CFR 215.41 Within this framework, the Principal Investigator (PI) named on the award face page, Block 11, is responsible for the scientific or technical direction of the project and for preparation of the project performance reports. This award is funded on a cost reimbursement basis not to exceed the amount awarded as indicated on the face page, Block 16., and is subject to a refund of unexpended funds to NRC.

The standards contained in this section do not relieve the Grantee of the contractual responsibilities arising under its contract(s). The Grantee is the responsible authority, without recourse to the NRC, regarding the settlement and satisfaction of all contractual and administrative issues arising out of procurements entered into in support of an award or other agreement. This includes disputes, claims, protests of award, source evaluation or other matters of a contractual nature. Matters concerning violation of statute are to be referred to such Federal, State or local authority as may have proper jurisdiction.

Subgrants

Appendix A to Part 215—Contract Provisions

Sub-recipients, sub-awardees, and contractors have no relationship with NRC under the terms of this grant/cooperative agreement. All required NRC approvals must be directed through the Grantee to NRC. See 2 CFR 215.180 and 215.41.

Nondiscrimination

(This provision is applicable when work under the grant/cooperative agreement is performed in the U.S. or when employees are recruited in the U.S.)

No U.S. citizen or legal resident shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity funded by this award on the basis of race, color, national origin, age, religion, handicap, or sex. The Grantee agrees to comply with the non-discrimination requirements below:

Title VI of the Civil Rights Act of 1964 (42 USC §§ 2000d et seq)
Title IX of the Education Amendments of 1972 (20 USC §§ 1681 et seq)
Section 504 of the Rehabilitation Act of 1973,as amended (29 USC § 794)
The Age Discrimination Act of 1975, as amended (42 USC §§ 6101 et seq)
The Americans with Disabilities Act of 1990 (42 USC §§ 12101 et seq)
Parts II and III of EO 11246 as amended by EO 11375 and 12086.
EO 13166, "Improving Access to Services for Persons with Limited English Proficiency."
Any other applicable non-discrimination law(s).

Generally, Title VII of the Civil Rights Act of 1964, 42 USC § 2000e et seq, provides that it shall be an unlawful employment practice for an employer to discharge any individual or otherwise to discriminate against an individual with respect to compensation, terms, conditions, or privileges of employment because of such individual's race, color, religion, sex, or national origin. However, Title VII, 42 USC § 2000e-1(a), expressly exempts from the prohibition against discrimination on the basis of religion, a religious corporation, association, educational institution, or society with respect to the employment of individuals of a particular religion to

perform work connected with the carrying on by such corporation, association, educational institution, or society of its activities.

Modifications/Prior Approval

NRC prior written approval may be required before a Grantee makes certain budget modifications or undertakes particular activities. If NRC approval is required for changes in the grant or cooperative agreement, it must be requested of, and obtained from, the NRC Grants Officer in advance of the change or obligation of funds. All requests for NRC prior approval must be made, in writing (which includes submission by e-mail), to the designated Grants Specialist and Program Office no later than 30 days before the proposed change. The request must be signed by both the PI and the authorized organizational official. Failure to obtain prior approval, when required, from the NRC Grants Officer may result in the disallowance of costs, termination of the award, or other enforcement action within NRC's authority.

Lobbying Restrictions

The Grantee will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

The Grantee shall comply with provisions of 31 USC § 1352. This provision generally prohibits the use of Federal funds for lobbying in the Executive or Legislative Branches of the Federal Government in connection with the award, and requires disclosure of the use of non-Federal funds for lobbying.

The Grantee receiving in excess of $100,000 in Federal funding shall submit a completed Standard Form (SF) LLL, "Disclosure of Lobbying Activities," regarding the use of non-Federal funds for lobbying within 30 days following the end of the calendar quarter in which there occurs any event that requires disclosure or that materially affects the accuracy of the information contained in any disclosure form previously filed. The Grantee must submit the SF-LLL, including those received from sub-recipients, contractors, and subcontractors, to the Grants Officer.

§ 215.13 Debarment And Suspension.

The Grantee agrees to notify the Grants Officer immediately upon learning that it or any of its principals:

(1) Are presently excluded or disqualified from covered transactions by any Federal department or agency;

(2) Have been convicted within the preceding three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, receiving stolen property, making false claims, or obstruction of justice; commission of any other offense indicating a lack of business integrity or business honesty that seriously and directly affects your present responsibility;

(3) Are presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b); and

(4) Have had one or more public transactions (Federal, State, or local) terminated for cause or default within the preceding three years.

b. The Grantee agrees that, unless authorized by the Grants Officer, it will not knowingly enter into any subgrant or contracts under this grant/cooperative agreement with a person or entity that is included on the Excluded Parties List System (http://epls.arnet.gov).

The Grantee further agrees to include the following provision in any subgrant or contracts entered into under this award:

'Debarment, Suspension, Ineligibility, and Voluntary Exclusion

The Grantee certifies that neither it nor its principals is presently excluded or disqualified from participation in this transaction by any Federal department or agency. The policies and procedures applicable to debarment, suspension, and ineligibility under NRC-financed transactions are set forth in 2 CFR Part 180.'

Drug-Free Workplace

The Grantee must be in compliance with The Federal Drug Free Workplace Act of 1988. The policies and procedures applicable to violations of these requirements are set forth in 41 USC 702.

Implementation of E.O. 13224 -- Executive Order On Terrorist Financing

The Grantee is reminded that U.S. Executive Orders and U.S. law prohibits transactions with, and the provision of resources and support to, individuals and organizations associated with terrorism. It is the legal responsibility of the Grantee to ensure compliance with these Executive Orders and laws. This provision must be included in all contracts/sub-awards issued under this grant/cooperative agreement.

Award Grantees must comply with Executive Order 13224, Blocking Property and Prohibiting Transactions with Persons who Commit, Threaten to Commit, or Support Terrorism. Information about this Executive Order can be found at: www.fas.org/irp/offdocs/eo/eo-13224.htm.

Procurement Standards, § 215.40

Sections 215.41 through 215.48 set forth standards for use by Grantees in establishing procedures for the procurement of supplies and other expendable property, equipment, real property and other services with Federal funds. These standards are furnished to ensure that such materials and services are obtained in an effective manner and in compliance with the provisions of applicable Federal statutes and executive orders. No additional procurement standards or requirements shall be imposed by the Federal awarding agencies upon Grantees, unless specifically required by Federal statute or executive order or approved by OMB.

Travel

Travel is an appropriate charge to this award and prior authorization for specific trips are not required, as long as the trip is identified in the Grantee's original program description and original budget. All other travel, domestic or international, must not increase the total estimated award amount. Trips that have not been identified in the approved budget require the written prior approval of the Grants Officer.

Travel will be in accordance with the US Government Travel Regulations at: www.gsa.gov/federaltravelregulation and the per diem rates set forth at: www.gsa.gov/perdiem.

Travel costs to the grant must be consistent with provisions as established in Appendix A to 2 CFR 220 (J.53)

Property Management Standards
Property standards of this award shall follow provisions as established in 2 CFR 215.30.

Equipment procedures shall follow provision established in 2 CFR 215.34.

Procurement Standards
Procurement standards of this award shall follow provisions as established in 2 CFR 215.40.

Intangible and Intellectual Property
Intangible and intellectual property of this award shall generally follow provisions established in 2 CFR 215.36.

Inventions Report - The Bayh-Dole Act (P.L. 96-517) affords Grantees the right to elect title and retain ownership to inventions they develop with funding under an NRC grant award ("subject inventions"). In accepting an award, the Grantee agrees to comply with applicable NRC policies, the Bayh-Dole Act, and its Government-wide implementing regulations found at Title 37, Code of Federal Regulations (CFR) Part 401. A significant part of the regulations require that the Grantee report all subject inventions to the awarding agency (NRC) as well as include an acknowledgement of federal support in any patents. NRC participates in the trans-government Interagency Edison system (http://www.iedison.gov) and expects NRC funding Grantees to use this system to comply with Bayh-Dole and related intellectual property reporting requirements. The system allows for Grantees to submit reports electronically via the Internet. In addition, the invention must be reported in continuation applications (competing or non-competing).

Patent Notification Procedures- Pursuant to EO 12889, NRC is required to notify the owner of any valid patent covering technology whenever the NRC or its financial assistance Grantees, without making a patent search, knows (or has demonstrable reasonable grounds to know) that technology covered by a valid United States patent has been or will be used without a license from the owner. To ensure proper notification, if the Grantee uses or has used patented technology under this award without license or permission from the owner, the Grantee must notify the Grants Officer. This notice does not necessarily mean that the Government authorizes and consents to any copyright or patent infringement occurring under the financial assistance.

Data, Databases, and Software - The rights to any work produced or purchased under a NRC federal financial assistance award are determined by 2 CFR 215.36. Such works may include data, databases or software. The Grantee owns any work produced or purchased under a NRC federal financial assistance award subject to NRC's right to obtain, reproduce, publish or otherwise use the work or authorize others to receive, reproduce, publish or otherwise use the data for Government purposes.

Copyright - The Grantee may copyright any work produced under a NRC federal financial assistance award subject to NRC's royalty-free nonexclusive and irrevocable right to reproduce,

publish or otherwise use the work or authorize others to do so for Government purposes. Works jointly authored by NRC and Grantee employees may be copyrighted but only the part authored by the Grantee is protected because, under 17 USC § 105, works produced by Government employees are not copyrightable in the United States. On occasion, NRC may ask the Grantee to transfer to NRC its copyright in a particular work when NRC is undertaking the primary dissemination of the work. Ownership of copyright by the Government through assignment is permitted under 17 USC § 105.

Records retention and access requirements for records of the Grantee shall follow established provisions in 2 CFR 215.53.

Organizational Prior Approval System

In order to carry out its responsibilities for monitoring project performance and for adhering to award terms and conditions, each Grantee organization shall have a system to ensure that appropriate authorized officials provide necessary organizational reviews and approvals in advance of any action that would result in either the performance or modification of an NRC supported activity where prior approvals are required, including the obligation or expenditure of funds where the governing cost principles either prescribe conditions or require approvals.

The Grantee shall designate an appropriate official or officials to review and approve the actions requiring NRC prior approval. Preferably, the authorized official(s) should be the same official(s) who sign(s) or countersign(s) those types of requests that require prior approval by NRC. The authorized organization official(s) shall not be the principal investigator or any official having direct responsibility for the actual conduct of the project, or a subordinate of such individual.

Conflict Of Interest Standards of this award shall follow provisions as established in 2 CFR 215.42 Codes of Conduct.

Dispute Review Procedures

a. Any request for review of a notice of termination or other adverse decision should be addressed to the Grants Officer. It must be postmarked or transmitted electronically no later than 30 days after the postmarked date of such termination or adverse decision from the Grants Officer.

b. The request for review must contain a full statement of the Grantee's position and the pertinent facts and reasons in support of such position.

c. The Grants Officer will promptly acknowledge receipt of the request for review and shall forward it to the Director, Office of Administration, who shall appoint a review committee consisting of a minimum of three persons.

d. Pending resolution of the request for review, the NRC may withhold or defer payments under the award during the review proceedings.

e. The review committee will request the Grants Officer who issued the notice of termination or adverse action to provide copies of all relevant background materials and documents. The committee may, at its discretion, invite representatives of the Grantee and the NRC program office to discuss pertinent issues and to submit such additional information as it deems appropriate. The chairman of the review committee will insure that all review activities or proceedings are adequately documented.

f. Based on its review, the committee will prepare its recommendation to the Director, Office of Administration, who will advise the parties concerned of his/her decision.

Termination and Enforcement. Termination of this award by default or by mutual consent shall follow provisions as established in 2 CFR 215.60,

Monitoring and Reporting § 215.51

a. Grantee Financial Management systems must comply with the established provisions in 2 CFR 215.21

- Payment – 2 CFR 215.22
- Cost Share – 2 CFR 215.23
- Program Income – 2 CFR 215.24
    - Earned program income, if any, shall be added to funds committed to the project by the NRC and Grantee and used to further eligible project or program objectives.
- Budget Revision – 2 CFR 215.25
    - In accordance with 2 CFR 215.25(e), the NRC waives the prior approval requirement for items identified in sub-part (e)(1-4).
    - The Grantee is not authorized to rebudget between direct costs and indirect costs without written approval of the Grants Officer.
    - Allowable Costs – 2 CFR 215.27

b. **Federal Financial Reports**

Effective October 1, 2008, NRC transitioned from the SF–269, SF–269A, SF–272, and SF–272A to the Federal Financial Report (SF-425) as required by OMB:
http://www.whitehouse.gov/omb/fedreg/2008/081308_ffr.pdf
http://www.whitehouse.gov/omb/grants/standard_forms/ffr.pdf
http://www.whitehouse.gov/omb/grants/standard_forms/ffr_instructions.pdf

The Grantee shall submit a "Federal Financial Report" (SF-425) on a quarterly basis for the periods ending 3/31, 6/30, 9/30, and 12/31 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 shall be submitted within 90 days after expiration of the award.

Period of Availability of Funds 2 CFR § 215.28

a. Where a funding period is specified, a Grantee may charge to the grant only allowable costs resulting from obligations incurred during the funding period and any pre-award costs authorized by the NRC.

b. Unless otherwise authorized in 2 CFR 215.25(e)(2) or a special award condition, any extension of the award period can only be authorized by the Grants Officer in writing. Verbal or written assurances of funding from other than the Grants Officer shall not constitute authority to obligate funds for programmatic activities beyond the expiration date.

c. The NRC has no obligation to provide any additional prospective or incremental funding. Any modification of the award to increase funding and to extend the period of performance is at the sole discretion of the NRC.

d. Requests for extensions to the period of performance shall be sent to the Grants Officer at least 30 days prior to the grant/cooperative agreement expiration date. Any request for extension after the expiration date shall not be honored.

Automated Standard Application For Payments (ASAP) Procedures

Unless otherwise provided for in the award document, payments under this award will be made using the Department of Treasury's Automated Standard Application for Payment (ASAP) system < http://www.fms.treas.gov/asap/ >. Under the ASAP system, payments are made through preauthorized electronic funds transfers, in accordance with the requirements of the Debt Collection Improvement Act of 1996. In order to receive payments under ASAP, Grantees are required to enroll with the Department of Treasury, Financial Management Service, and Regional Financial Centers, which allows them to use the on-line method of withdrawing funds from their ASAP established accounts. The following information will be required to make withdrawals under ASAP: (1) ASAP account number – the award number found on the cover sheet of the award; (2) Agency Location Code (ALC) – 31000001; and Region Code. Grantees enrolled in the ASAP system do not need to submit a "Request for Advance or Reimbursement" (SF-270), for payments relating to their award.

Audit Requirements

Organization-wide or program-specific audits shall be performed in accordance with the Single Audit Act Amendments of 1996, as implemented by OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations." http://www.whitehouse.gov/omb/circulars/a133/a133.html Grantees are subject to the provisions of OMB Circular A-133 if they expend $500,000 or more in a year in Federal awards.

The Form SF-SAC and the Single Audit Reporting packages for fiscal periods ending on or after January 1, 2008 must be submitted online.

1. Create your online report ID at http://harvester.census.gov/fac/collect/ddeindex.html
2. Complete the Form SF-SAC
3. Upload the Single Audit
4. Certify the Submission
5. Click "Submit."

Organizations expending less than $500,000 a year are not required to have an annual audit for that year but must make their grant-related records available to NRC or other designated officials for review or audit.

III. Programmatic Requirements

Performance (Technical) Reports

a. The Grantee shall submit performance (technical) reports electronically to the NRC Project Officer and Grants Officer as specified in the special award conditions in the same frequency as the Federal Financial Report unless otherwise authorized by the Grants Officer.

b. Unless otherwise specified in the award provisions, performance (technical) reports shall contain brief information as prescribed in the applicable uniform administrative requirements 2 CFR §215.51 which are incorporated in the award.

c. The submission for the six month period ending March 31st is due by April 30th. The submission for the six month period ending September 30th is due by October 31st.

Unsatisfactory Performance

Failure to perform the work in accordance with the terms of the award and maintain at least a satisfactory performance rating or equivalent evaluation may result in designation of the Grantee as high risk and assignment of special award conditions or other further action as specified in the standard term and condition entitled "Termination".

Failure to comply with any or all of the provisions of the award may have a negative impact on future funding by NRC and may be considered grounds for any or all of the following actions: establishment of an accounts receivable, withholding of payments under any NRC award, changing the method of payment from advance to reimbursement only, or the imposition of other special award conditions, suspension of any NRC active awards, and termination of any NRC award.

Other Federal Awards With Similar Programmatic Activities

The Grantee shall immediately provide written notification to the NRC Project Officer and the Grants Officer in the event that, subsequent to receipt of the NRC award, other financial assistance is received to support or fund any portion of the program description incorporated into the NRC award. NRC will not pay for costs that are funded by other sources.

Prohibition Against Assignment By The Grantee

The Grantee shall not transfer, pledge, mortgage, or otherwise assign the award, or any interest therein, or any claim arising thereunder, to any party or parties, banks, trust companies, or other financing or financial institutions without the express written approval of the Grants Officer.

Site Visits

The NRC, through authorized representatives, has the right, at all reasonable times, to make site visits to review project accomplishments and management control systems and to provide such technical assistance as may be required. If any site visit is made by the NRC on the premises of the Grantee or contractor under an award, the Grantee shall provide and shall require his/her contractors to provide all reasonable facilities and assistance for the safety and convenience of the Government representative in the performance of their duties. All site visits and evaluations shall be performed in such a manner as will not unduly delay the work.

IV. Miscellaneous Requirements

Criminal and Prohibited Activities

a. The Program Fraud Civil Remedies Act (31 USC §§ 3801-3812), provides for the imposition of civil penalties against persons who make false, fictitious, or fraudulent claims to the Federal government for money (including money representing grant/cooperative agreements, loans, or other benefits.)

b. False statements (18 USC § 287), provides that whoever makes or presents any false, fictitious, or fraudulent statements, representations, or claims against the United States shall be subject to imprisonment of not more than five years and shall be subject to a fine in the amount provided by 18 USC § 287.

c. False Claims Act (31 USC 3729 et seq), provides that suits under this Act can be brought by the government, or a person on behalf of the government, for false claims under federal assistance programs.

d. Copeland "Anti-Kickback" Act (18 USC § 874), prohibits a person or organization engaged in a federally supported project from enticing an employee working on the project from giving up a part of his compensation under an employment contract.

American-Made Equipment And Products
Grantees are herby notified that they are encouraged, to the greatest extent practicable, to purchase American-made equipment and products with funding provided under this award.

Increasing Seat Belt Use in the United States
Pursuant to EO 13043, Grantees should encourage employees and contractors to enforce on-the-job seat belt policies and programs when operating company-owned, rented or personally-owned vehicle.

Federal Employee Expenses
Federal agencies are generally barred from accepting funds from a Grantee to pay transportation, travel, or other expenses for any Federal employee unless specifically approved in the terms of the award. Use of award funds (Federal or non-Federal) or the Grantee's provision of in-kind goods or services, for the purposes of transportation, travel, or any other expenses for any Federal employee may raise appropriation augmentation issues. In addition, NRC policy prohibits the acceptance of gifts, including travel payments for Federal employees, from Grantees or applicants regardless of the source.

Minority Serving Institutions (MSIs) Initiative
Pursuant to EOs 13256, 13230, and 13270, NRC is strongly committed to broadening the participation of MSIs in its financial assistance program. NRC's goals include achieving full participation of MSIs in order to advance the development of human potential, strengthen the Nation's capacity to provide high-quality education, and increase opportunities for MSIs to participate in and benefit form Federal financial assistance programs. NRC encourages all applicants and Grantees to include meaningful participations of MSIs. Institutions eligible to be considered MSIs are listed on the Department of Education website:
http://www.ed.gov/about/offices/list/ocr/edlite-minorityinst.html

Research Misconduct
Scientific or research misconduct refers to the fabrication, falsification, or plagiarism in proposing, performing, or reviewing research, or in reporting research results. It does not include honest errors or differences of opinions. The Grantee organization has the primary responsibility to investigate allegations and provide reports to the Federal Government. Funds expended on an activity that is determined to be invalid or unreliable because of scientific misconduct may result in a disallowance of costs for which the institution may be liable for repayment to the awarding agency. The Office of Science and Technology Policy at the White House published in the Federal Register on December 6, 2000, a final policy that addressed

research misconduct. The policy was developed by the National Science and Technology Council (65 FR 76260). The NRC requires that any allegation be submitted to the Grants Officer, who will also notify the OIG of such allegation. Generally, the Grantee organization shall investigate the allegation and submit its findings to the Grants Officer. The NRC may accept the Grantee's findings or proceed with its own investigation. The Grants Officer shall inform the Grantee of the NRC's final determination.

Publications, Videos, and Acknowledgment of Sponsorship

Publication of the results or findings of a research project in appropriate professional journals and production of video or other media is encouraged as an important method of recording and reporting scientific information. It is also a constructive means to expand access to federally funded research. The Grantee is required to submit a copy to the NRC and when releasing information related to a funded project include a statement that the project or effort undertaken was or is sponsored by the NRC. The Grantee is also responsible for assuring that every publication of material (including Internet sites and videos) based on or developed under an award, except scientific articles or papers appearing in scientific, technical or professional journals, contains the following disclaimer:

> "This [report/video] was prepared by [Grantee name] under award [number] from [name of operating unit], Nuclear Regulatory Commission. The statements, findings, conclusions, and recommendations are those of the author(s) and do not necessarily reflect the view of the [name of operating unit] or the US Nuclear Regulatory Commission."

2010 Trade School Scholarship Program
Service Agreement

1. This service agreement is required for all student recipients of scholarships (hereinafter referred to as the "recipient") funded by the U.S. Nuclear Regulatory Commission (NRC) through the Texas A&M University Corpus Christi.

2. This agreement confirms the recipient's obligations to maintain satisfactory academic progress and serve 6 months in nuclear-related employment for each full year of academic support. The employment may be with nuclear-related industry, State agencies, Department of Energy laboratories, the NRC or other Federal agencies, or academia in the recipients' sponsored fields of study.

3. The scholarship recipient must:

   a. remain matriculated in the degree program for the field of study for which the scholarship was approved,

   b. maintain satisfactory academic progress in the recipient's field of study, and

   c. maintain a course load of at least 12 credit hours per semester as a full-time student in good standing.

4. If a recipient fails to maintain satisfactory academic progress, the scholarship will be terminated and the recipient could be obligated to repay the NRC the full amount of the scholarship/fellowship.

5. If a recipient receives any subsequent scholarship(s) through this program, the service obligation periods will be consecutive.

6. At the discretion of the NRC, the service obligation period may be delayed to allow the recipient to continue a subsequent degree program immediately following that sponsored under this program. For example, if a recipient receives a scholarship to earn a baccalaureate degree, he/she may request and be permitted to delay fulfilling their service obligation until after they complete a subsequent terminal degree program. Any such requests must be made to the NRC before a student enrolls in a subsequent degree program. If a student enrolls in a subsequent degree program before or without NRC approval, and the NRC does not subsequently approve the request, the NRC will not be held liable for any expenses incurred to dis-enroll, or for failure to otherwise meet the terms of this service obligation. Recipients only incur a service obligation to NRC for funded periods of study.

7. If the student receives no employment offers or does not accept any of the offers received, the student is not relieved of the service obligation, unless, pursuant to this service agreement, the student applies for and receives a waiver from the NRC. Implicit in the waiver request is data or explanation by the student that efforts to secure employment in a nuclear-related field were undertaken. This can be in the form of job searches, referrals, etc. Absent a waiver from the NRC, rejection of one or more job offers could trigger the service agreement obligation.

8. If a recipient voluntarily leaves the employment of an approved employer in a field related to nuclear power during the period of obligated post-academic service, the recipient may immediately become liable to the U.S. Government for repayment of the entire amount of the assistance provided under the scholarship for which the service obligation has not been fulfilled.

9. By accepting this scholarship/fellowship, I agree to provide the NRC with current contact information (address, telephone, email), and employment information, subject to the provisions of the Privacy Act, for as long as I remain under obligated service. This information will be used solely for the purposes of verifying appropriate nuclear related employment in compliance with the service obligation requirements of this service agreement. In accordance with the Privacy Act, providing this information is voluntary; however, failure to do so may result in removal from the scholarship/fellowship program and/or repayment of all scholarship/grant money received. Contact information should be reported to: eduscholar@nrc.gov.

10. By signing this agreement, the recipient certifies that he or she has read this agreement and agrees to all of the obligations it entails.

_____	_____
Scholarship Recipient	Date
_____	_____
Institution Program Coordinator	Date
_____	_____
NRC Office of Human Resources	Date