

Research Subaward Agreement

Institution/Organization ("Prime Recipient")

Name: Regents of New Mexico State University

Prime Award No.: HRD 0622930

Awarding Agency:

National Science Foundation

Institution/Organization ("Subrecipient")

Name: Gadsden Independent School District/Gadsden High School

Subaward No.: Q01476

CFDA #: 47.086

Amount Funded This Action:

\$7,000.00

Est. Total (if incrementally funded)

Subaward Period of Performance:

Budget Period: From:

October 5, 2010

To:

April 15, 2011

Estimated Project Period (if incrementally funded):

From:

To:

Project Title:

Exploratory Science Adventure

Reporting Requirements (Check here if applicable: See Attachment 4) ARRA Funds (Attachment 4A)

Terms & Conditions

- 1) Prime Recipient hereby awards a cost reimbursable subaward, as described above, to Subrecipient. The statement of work and budget for this subaward are (check one): As specified in Subrecipient's proposal dated October 5, 2010 ; or as shown in Attachment 5. In its performance of the subaward work, Subrecipient shall be an independent entity and not an employee or agent of Prime Recipient.
- 2) Prime Recipient Shall reimburse Subrecipient not more often than monthly for allowable costs. All invoices shall be submitted using Subrecipient's standard invoice, but at a minimum shall include current and cumulative costs (including cost sharing), subaward number, and certification as to truth and accuracy of invoice. *Invoices that do not reference Prime Recipient's Subaward Number shall be returned to Subrecipient.* Invoices and questions concerning invoice receipt or payments should be directed to the appropriate party's Administrative Contact as shown in Attachments 3A & 3B.
- 3) A final statement of cumulative costs incurred, including cost sharing, marked "FINAL" must be submitted to Prime Recipient's Administrative Contact, as shown in Attachments 3A and 3B, NOT LATER THAN sixty (60) days after subaward end date. The final statement of costs shall constitute Subrecipient's final financial report.
- 4) All payments shall be considered provisional and subject to adjustment within the total estimated cost in the event such adjustment is necessary as a result of an adverse audit finding against the Subrecipient.
- 5) Matters concerning the technical performance of this subaward should be directed to the appropriate party's Principal Investigator, as shown in Attachments 3A and 3B. Technical reports are required as shown above, "Reporting Requirements".
- 6) Matters concerning the request or negotiation of any changes in the terms, conditions, or amounts cited in this subaward agreement, and any changes requiring prior approval, should be directed to the appropriate party's Official Contact, as shown in Attachments 3A & 3B. Any such changes made to this subaward agreement require the written approval of each party's Authorized Official as shown in Attachments 3A & 3B.
- 7) Each party shall be responsible for its negligent acts or omissions and the negligent acts or omissions of its employees, officers, or director's, to the extent allowed by law.
- 8) Either party may terminate this subaward with thirty days written notice to the appropriate party's Official Contact as shown in Attachments 3A & 3B. Prime Recipient shall pay Subrecipient for termination costs as allowable under OMB Circular A-21 or A-122 or 45 CFR Part 74 Appendix E, "Principles for Determining Costs Applicable to Research and Development under Grants and Contracts with Hospitals" as applicable.
- 9) No-cost extensions require the approval of the Prime Recipient. Any requests for a no-cost extension should be addressed to and received by the Administrative Contact, as shown in Attachments 3A & 3B, not less than thirty (30) days prior to the desired effective date of the requested change.
- 10) The Subaward is subject to the terms and conditions of the Prime Award and other special terms and conditions, as identified in Attachment 2.
- 11) By signing below Subrecipient makes the certifications and assurances shown in Attachments 1 and 2. Subrecipient also assures that it will comply with applicable statutory and regulatory requirements specified in the Research Terms & Conditions Appendix C found at <http://www.nsf.gov/bfa/dias/policy/rtc/appc.pdf>.

By an Authorized Official of Prime Recipient

By an Authorized Official of Subrecipient

Date

Date

Attachment 1
Research Subaward Agreement
Certifications and Assurances

By signing the Subaward Agreement, the authorized official of Subrecipient certifies, to the best of his/her knowledge and belief that:

Certification Regarding Lobbying

- 1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Subrecipient, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- 2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or intending to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the Subrecipient shall complete and submit Standard Form -LLL, "Disclosure Form to Report Lobbying", to the Prime Recipient.
- 3) The Subrecipient shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Debarment, Suspension, and Other Responsibility Matters

Subrecipient certifies by signing this Subaward Agreement that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any federal department or agency.

OMB Circular A-133 Assurance

Subrecipient assures Prime Recipient that it complies with A-133 and that it will notify Prime Recipient of completion of required audits and of any adverse findings which impact this subaward.

Attachment 2
Subaward Agreement
NSF

Certifications/Assurances

1. By signing this Subaward, the Collaborator's Authorized Official on the face page of this Subaward is providing the Drug-Free Work Place Certification contained in Appendix A of the Grant Proposal Guide, NSF 02-2; the Debarment and Suspension Certification contained in Appendix B of the Grant Proposal Guide, NSF 02-2; Certification Regarding Lobbying contained in Chapter II, Section C of the Grant Proposal Guide, NSF 02-2 (applicable if Subaward exceeds \$100,000). In addition, if Collaborator employs more than fifty person, the authorized Collaborator official certifies by signing this Subaward that Collaborator has implemented a written and enforced conflict of interest policy that is consistent with the provisions of the Grant Policy Manual Section 510. Conflicts which cannot be satisfactorily managed, reduced or eliminated must be disclosed, via University's Authorized Official, to NSF.

General terms and conditions:

1. The restrictions on the expenditure of federal funds in appropriations acts are applicable to this subaward to the extent those restrictions are pertinent.
2. OMB Circular A-110 or 45 CFR Part 602 as applicable.
3. The NSF Grant Policy Manual, including addenda, in effect as of the beginning date of the period of performance.
4. NSF Grant General Conditions (GC-1), including addenda, in effect as of the beginning date of the period of performance and found at http://www.nsf.gov/home/grants/grants_gac.htm, except for the following:
 - a. The right to initiate an automatic one-time extension of the end date provided by Article 4 is replaced by the need to obtain prior written approval from the University;
 - b. The payment mechanism described in [Article 12](#) and the final report requirements described in [Article 15](#) are replaced with Reporting Requirements and Terms and Conditions on the front page of this agreement; and
 - c. Any prior approvals are to be sought from the University and not the Federal Awarding Agency.
5. Title to equipment costing \$5,000 or more that is purchased or fabricated with research funds or collaborator cost sharing funds, as direct costs of the project or program, shall unconditionally vest in the collaborator upon acquisition without further obligation to the Federal Awarding Agency subject to the conditions specified in Article 6 of the GC-1.

Attachment 3A
Research Subaward Agreement

Subaward Number:

Q01458

Prime Recipient Contacts

Institution/Organization ("Prime Recipient")

Name: Regents of New Mexico State University

Address: Office of Grants and Contracts

Anderson Hall E-1200 Espina St. and Stewart St.

City: Las Cruces

State: NM

ZipCode: 88003

Administrative Contact

Name: Norma J. Ledesma

Address: New Mexico State University

Engineering Research Center

Box 30001, MSC EGR

City: Las Cruces

State: NM

ZipCode: 88003

Telephone: 575-646-2386

Fax: 575-646-2940

Email: nledesma@nmsu.edu

Principal Investigator

Name: James P. King

Address: New Mexico State University

Box 30001, MSC EGR

City: Las Cruces

State: NM

ZipCode: 88003

Telephone: 575-646-5377

Fax: 575-646-6049

Email: jpking@nmsu.edu

Financial Contact

Name: Norma Noel

Address: Sponsored Project Accounting

Box 30001, MSC SPA

Anderson Hall

City: Las Cruces

State: NM

ZipCode: 88003

Telephone: 575-646-4986

Fax: 575-646-1676

Email: nnoel@nmsu.edu

Authorized Official

Name: Neta Fernandez

Address: Anderson Hall E-1200

Espina St. and Stewart S.

City: Las Cruces

State: NM

ZipCode: 88003

Telephone: 575-646-1590

Fax: 575-646-2020

Email: ogc@nmsu.edu

Attachment 3B
Research Subaward Agreement

Subaward Number:
Q01458

Subrecipient Contacts

Institution/Organization ("Subrecipient")

Name: Gadsden Independent School District
Address: Gadsden Independent School District
6301 Highway 28
City: Anthony State: NM ZipCode + 4: 88021
EIN No.: Institution Type: Public/State Controlled Inst. of Higher Education Reg. in CCR? Yes No
Performance Site Same Address as Above? Yes No If No, complete Sect. C of Attachment 4A
DUNS No.: Congressional District: Congressional District:

Administrative Contact

Name:
Address: Gadsden Independent School District
6301 Highway 28
City: Anthony State: NM ZipCode: 88021
Telephone: 575-882-6203 Fax: 575-882-6229
Email: maromero@gisd.k12.nm.us

Principal Investigator

Name: Maggie Romero
Address: Gadsden Independent School District
6301 Highway 28
City: Anthony State: NM ZipCode: 88021
Telephone: 575-882-6300 Fax: 575-882-2370
Email: maromro@gisd.k12.nm.us

Financial Contact

Name: Steven W. Suggs
Address: Gadsden Independent School District
6301 Highway 28
City: Anthony State: NM ZipCode: 88021
Telephone: 575-882-6243 Fax:
Email: ssuggs@gisd.k12.nm.us

Authorized Official

Name: Cynthia Nava, Superintendent
Address: Gadsden Independent School District
6301 Highway 28
City: Anthony State: NM ZipCode: 88021
Telephone: 575-882-6203 Fax: 575-882-6229
Email:

**Attachment 4
Outline for the
Final Report for
Funded Projects**

Final Report for Funded Projects

Funded Projects will be expected to provide a final report describing the project as implemented and project outcomes. The final report will parallel your application for funding.

With increasing demands that projects and programs demonstrate the effectiveness of their efforts, your final report will be critical in assuring the future success of our program. To provide documentation of benefits, you may need to report on the specific accomplishments of individuals or very small groups of people. Yet, when reporting on individuals or small group, it is critical that we carefully guard the confidentiality and privacy of individuals.

As you begin preparing your final report, please contact Randy Larry at Reaching the Pinnacle for help in assuring we fully capture the positive benefits of your project while carefully protecting the rights of privacy of your participants. Randy can be reached at (575) 646-2994 or (575) 646-6051.

The following provides detailed guidance on preparing your final report.

Tip: Use your proposal as the starting point for your final report. In most cases, you can edit the proposal to read in the past tense and replace projected numbers with actual numbers.

1.0 Partner Organization

Identify the name and address of your institution. No other information is needed.

Recommended length of this section: four to seven lines

1.1 Project Coordinator

Provide the

- Name
- Title
- Address
- Phone Number
- Fax Number
- E-mail Address

for the person who coordinated your effort. No biological information should be included in this section. Recommended length of this section: seven to ten lines

1.2 Coordinator Qualifications

In a paragraph, no more than one-fourth page in length, describe those qualifications of your coordinator as they specifically to this project.

Recommended length of this section: one paragraph, no more than one fourth of a page

2.0 Project Activity

In one or two sentences introduce the nature (e.g., weekend institute) of the activities you executed. You will provide a more detailed description later.

Recommended length of this section: one to two sentences

2.1 RASEM/RTP Initiative and Objectives Addressed

Identify the initiative and objectives, from the *Table of Initiatives and Objectives*, you were funded to address. Use the exact wording of the table for both the initiatives and the objectives. Recommended length of this section: two to five lines, each line providing an objective

DO NOT ADD YOUR OWN, UNIQUE OBJECTIVES.

2.2 Description of Activities

Describe the activities you executed. Limit this section to a concise description of the activities. Recommended length of this section: several paragraphs, one half to one page total length

Do not include rationale for the activities or a discussion of their meaningfulness to your campus, students, etc.

2.3 Relationship to Existing Services and Initiatives

Describe how your proposed activities interfaced with existing services or if your proposed activities represented a totally new initiative. Please describe any collaborative effort that took place. Recommended length of this section: One paragraph of two to eight sentences

2.4 Persons Served

In a paragraph, describe the persons served by your project.

- If your project provided services directly to students, you should describe the following:
 - Characteristics of those students
 - Number of students and the demographics

VERY IMPORTANT TO PROVIDE THE DEMOGRAPHICS OF THE STUDENTS

Example:

Number of students: 25 Students 22 w/ disabilities

Gender: Male 15/11 (meaning 15 males total and 11 have disabilities)

Females 10/11 (.....10 females total and 11 have disabilities)

Ethnicity:

Hispanic: 11/10 (11 total Hispanics and 10 have disabilities)

White: etc.

Disabilities: Autism 5 Orthopedic 6 Speech etc.

- If your project trained professional staff members (e.g., college faculty members, counselors/ advisors, public school teacher, etc.) to better serve students with disabilities, then your paragraph should describe the following:
 - The number professionals served
 - Special credentials or training (if any)

2.5 Requirements for Participants

Describe your requirements for successful participation. Include both a description of the nature of the activities and the required number of hours of involvement of each participant (student and/or professional staff).

Recommended length of this section: a short paragraph of two to five sentences

2.6 Recruitment and Completion

Very briefly describe how you recruited participants for your project. Describe:

- How you recruited
- The number of people you contacted
- The number of people you recruited into active participation
- The number of people successfully completing your project

Recommended length of this section: three to ten sentences

2.7 Dissemination of Benefits

Briefly describe how you have/will make the products, methods, and lessons learned in your project available to others.

Recommended length of this section: three to ten sentences

2.8 Sustainability of the Project

If your project was successful, briefly describe what you are and will be doing to encourage the continued resourcing and offering of the project.

Recommended length of this section: three to ten sentences

3.0 Project Staffing

List the persons who played major roles in executing your project and a very brief summary of their involvement. Do not include those faculty or staff being served by your project (section 2.3). Recommended length of this section: one or two short paragraphs or a short list

4.0 Lessons Learned

Briefly describe the “Lessons Learned” from the execution of your project. Identify those things that worked especially well and those things that did not work as you expected.

The purpose of this section is to develop Reaching the Pinnacle knowledge base on both effective and ineffective practices. Sharing your experiences with techniques, strategies, etc. that produced disappointing results is as important as sharing your successful efforts. Recommended length of this section: one or two short paragraphs

5.0 Benefits Derived

Describe the benefits that the people served by your project derived from participation. This section should begin with "simple statistical summaries" of benefits (e.g., five students presented papers at ..., three students had summer internships, each student spent an average of 17.9 hours in the laboratory, ...). It should also include "case-history" or anecdotal accounts of some or all of the participants.

Photographic documentation would be especially useful in "telling your project's story." Clearly, we want to provide our funding source with as much information as possible on the benefits derived from your efforts. We will greatly appreciate the time you take to describe how the students you served have benefitted.

Recommended length of this section: as long as you want to make it!

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**Proposal
to
Enhance STEM Opportunities
for
Students with Disabilities**

Submitted to:
Randy Larry, RTP Director
Reaching the Pinnacle
College of Engineering
New Mexico State University

For the period
October 5/10 to April 15/11

**Exploratory Science Adventure
at Gadsden High**

Submitted by:
Maggie Romero,
Science Teacher,
Gadsden High School
6301 Highway 28
Anthony, NM 88021

Contact Person:
Maggie Romero,
575-882-6300 work,
915-526-0781 cell,
575-882-2370 fax,
maromero@gisd.k12.nm.us (school)
maggierome@hotmail.com (home)

Signature of approval of organization authorized official

Signature: _____

Printed Name: _____

Title: _____

Date: _____

ok
do. fund
Randy
Larry
Reaching
the
Pinnacle
10/22/10

1.0 Organization Submitting the Proposal

Gadsden High School
6301 Highway 28
Anthony, NM 88021

1.1 Project Coordinator and Contract Administrator

Maggie Romero
Science Teacher
6301 Highway 28
Anthony, NM 88021
915-526-0781
575-882-2370 fax
maromero@gisd.k12.nm.us (school)
maggierome@hotmail.com (home)

1.2 Coordinator Qualifications

Maggie Romero has been the MESA advisor at Gadsden HS for the past five years. As advisor she is responsible for guidance, instruction and recruitment of a diverse student body who is interested in any of the STEM fields of study. The group size has ranged from 20-70 members in the previous years, the current enrollment stands at 40 members for this school year. Responsibilities include preparing students for competition at the local, state and regional levels, providing students the opportunity to participate in college/career awareness and fieldtrips, organize and promote careers in STEM fields by providing guest speakers, as well as encouraging students to attend leadership workshops.

2.0 Proposed Activities

Students will have various projects that they will be engaged in. Projects include mentorship alliance with the elementary schools in the Gadsden Independent School District to promote interest in STEM. Students will also participate in a series of fieldtrips to expose and encourage possible careers.

2.1 Reaching the Pinnacle Initiative to be Addressed

Initiative 1: Provide engaging science experiences in pre-college science education environments.

2.2 Description of Activities

The first project entails having students prepare for visits to elementary schools. Gadsden students will present various projects and explain science concepts to their audience. Students will be placed in groups of five to six members, with each group assigned to an elementary school site to present material. The undertaking would include building two Hovercrafts and several Model Rockets. They will also demonstrate different types of controlled robots. Students will generate informational pamphlets/brochures, power point presentation and a poster display explaining the scientific concepts as well as the engineering design process.

The second endeavor includes a series of field trips with the focus of increasing STEM awareness. Fieldtrips include; tour of the NMSU campus and academic services available at the university, a fieldtrip to Carlsbad Caverns. Students will also attend the natural science museum, zoo, and EXPLORA in Albuquerque. The culminating fieldtrip will be an exploratory science adventure to San Antonio.

2.3 Relationship to Existing Services or Initiatives

This project would be incorporated into our current MESA program. Students who are MESA members will participate and actively recruit new members. All students are expected to be involved in all aspects of the project. The MESA group will continue to meet on a weekly basis to prepare for activities previously mentioned.

2.4 Persons to be Served

The current membership enrollment in the program is 40 students. All of the students are Hispanic with 60% being female and 40% male. All students qualify for free/reduced lunch. The program serves students from a large rural community. The program is open to the entire student population at Gadsden High School; membership consists of students with a wide range of disabilities, including students without disabilities.

2.5 Requirements for Participants

Students are required to attend a minimum of 18 meetings/year, actively participate in at least one elementary visit and one fieldtrip. Students will also be required to contribute in some manner with the dissemination of the project's endeavors to the community as a whole. Possible tasks will include web design, generating flyers, and presenting the project's objectives and achievements during the end of the year parent night.

2.6 Recruitment

Students will generate group flyers and will distribute around the school campus. Members will also operate an information table during Parent/Teacher conference and sign up potential members. Announcement bulletin board found outside the meeting room will be kept current with pertinent information regarding the project and membership information. The program has no limits on membership.

2.7 Dissemination of Benefits

There will be several ways that people will be able to access the progress and the outcome of the project. Students will generate a website with current progress of projects. There will also be an end of the year Parent/Student gathering to celebrate successes.

2.8 Sustainability of the Project

As a result of the initial funding of the project, students will be able to continue the mentorship program with minimal financial carryover. The only expense would be the consumables which could be attained by fundraising, e.g. chocolate sales or a car wash. In regards to the fieldtrips, a partnership with other school entities might be established to continue providing students with the most beneficial fieldtrip as determined by the opportunity given by this project's funding.

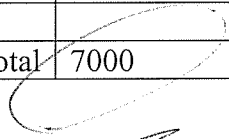
3.0 Project Staffing

There is only one person that will be overseeing the project, Maggie Romero. She will be responsible for coordinating, advising and implementation of the proposal.

Project Budget

Requested Funds

Item	\$ Amount
Hovercraft Supplies	
Leaf Blower (2 @ \$150)	300
Plywood (2 @ \$25)	50
Heavy Plastic Sheet (2 @ \$20)	40
Washers/Nuts/Bolts	10
Rocket Kits (3 @ \$25)	75
Tools	
Wrenches/Socket	50
Combo Kit & Bits	175
Albuquerque Fieldtrip 16 Students 2 Adults	
Rooms (6 @ \$60per/night)	360
Meals (72 @ \$6)	432
Transportation (2 suburbans)	360
Admissions (18 @ \$20)	360
Carlsbad Carverns Fieldtrip 24 Students 3 Adults	
Meals (27@ \$7)	189
Transportation (3 suburbans)	430
San Antonio Fieldtrip	
Rooms (6 @ \$60per/night) <small>3 nights</small>	1080
Meals (144 @ \$7)	1008
Transportation (2 suburbans)	808
Admissions (18 @ \$50)	900
NMSU Engineering Fieldtrip	
Meals (18 @ \$7)	126
Transportation (2 suburbans)	40
Transportation to Elementary Schools	30
Supplies (poster boards, ink, paper, stapler etc.)	177
Total	7000


 10/22/10