

Northland Pioneer College
S-STEM Grant from National Science Foundation
Summary of Year 1 Efforts for the Grant 2007-2008

Attached is project's list of strategies and the outcome measures that were listed for the first year of the grant. We have had limited success in the completion of the year 1 activities. Some of the problems associated with two of the members of the team having multiple assignments the past year have been solved. Dr. Canary is now the Dean of Arts and Sciences and will no longer have any teaching duties. This will allow him the additional time that is necessary for this grant. Mr. Mark Vest has hired a Career Services advisor/GED Chief Examiner who will be able to work with the Career Fair to increase our exposure to our target audience. We also believe that having a full year to market the program and identify students will assist in building a larger applicant pool in the coming year.

Recruitment efforts:

We have created a marketing plan with the aid of the Director of Marketing and Recruitment and have created a poster to advertise the program. The poster has been distributed to the area high schools and is displayed in the advising areas within the college. We have sent letters of introduction to the various high school principals and teachers of science and math. We have made contact with approximately 70 high school faculty by means of telephone conversations and email contacts in addition to numerous group contacts with high school students. We have included S-STEM grant information in our regular recruitment and information visits to area high schools. We have introduced the scholarship opportunity to local school superintendents at the Navajo/Apache County Superintendents Meeting, providing detailed information and materials to all attendees. Unfortunately so far we have only been able to attract five applicants to our program. We plan to improve our marketing efforts by increasing our contacts with the high school principals and teachers. Additionally we will include our information along with the information about the NPC President's Scholars program that is sent to the high schools. The Scholars program is an ongoing effort to recruit high achieving high school seniors and is a natural pairing with the S-STEM scholarship program. We are hoping that we can piggyback on the recruitment efforts by the Scholars program.

Year 1 Planned Activities

Strategies	Responsible Person	Completion Date	Outcome Measures
1. Development and implementation of a marketing plan to inform the public of project opportunities.	Mark Vest, NPC VP for Student Services with Director of Marketing	10/01/07	Marketing plan implemented; interested parties making contact with NPC Student Services.
2. Development and implementation of a recruitment plan to be carried out through area Jr high/high school science/math faculty.	Mark Vest, NPC VP for Student Services with Director of Marketing	10/01/07	Recruitment plan implemented; interested parties making contact with NPC Student Services.
3. Applications for S-STEM Scholars accepted by NPC Student Services.	Mark Vest	10/01/07	Not less than 30 applications received by 05/01/08.
4. Development and implementation of an evaluation plan and schedule for continual project refinement and improvement.	Dr. Pat Canary, PI, with Randy Porch, Co-PI and Mark Vest	Ongoing quarterly	Quarterly evaluation reports on file with PI, cc to Co-PIs and college administration.
5. Coordination of an S-STEM Career Fair for all high school students in the service area; open to non-traditional students also.	Mark Vest	05/01/08	S-STEM Career Fair takes place; interested parties contact NPC Student Services.
6. Development of a course description and outline for the S-STEM seminar class.	Dr. Pat Canary, PI and Randy Porch, Co-PI	05/31/08	Course accepted by NPC curriculum committee.
7. Identification guest speakers and instructors and schedule for seminar class.	Dr. Pat Canary, PI and Randy Porch, Co-PI	05/31/08	List of guest speakers / instructors / schedule developed.
8. Identification of project partners to provide job shadowing / professional mentoring / internship opportunities in S-STEM professions throughout the service area.	Dr. Pat Canary, PI and Randy Porch, Co-PI	05/31/08	Database of project partners and contact information; shadowing / mentoring / internship opportunities established.
9. Establishment of a pool of not less than 4 professional S-STEM tutors at each cohort location.	Mark Vest	05/31/08	List of tutors and their contact information developed.
10. Application committee reviews applications and selects scholars.	Dr. Pat Canary, PI; Randy Porch, Co-PI; Mark Vest	06/30/08	Not less than 24 S-STEM Scholars accepted for Project Year Two.

Results of Year 1 Activities

Strategies	Responsible Person	Outcome Measures	Completion Date	Remediation Plans
1. Development and implementation of a marketing plan to inform the public of project opportunities.	Mark Vest, NPC VP for Student Services with Director of Marketing	Marketing plan implemented; interested parties making contact with the principal investigator.	1/30/08	None required
2. Development and implementation of a recruitment plan to be carried out through area Jr. high/high school science/math faculty.	Mark Vest, NPC VP for Student Services with Director of Marketing	Recruitment plan implemented; interested parties making contact with the principal investigator.	1/30/08	None required
3. Applications for S-STEM Scholars accepted by NPC Student Services.	Mark Vest	Not less than 30 applications received by 05/01/08.	Not Accomplished Only five received to date	Improve marketing efforts
4. Development and implementation of an evaluation plan and schedule for continual project refinement and improvement.	Dr. Pat Canary, PI, with Randy Porch, Co-PI and Mark Vest	Quarterly evaluation reports on file with PI, cc to Co-PIs and college administration.	Not Accomplished	Will be initiated in Fall 2008
5. Coordination of an S-STEM Career Fair for all high school students in the service area; open to non-traditional students also.	Mark Vest	S-STEM Career Fair takes place; interested parties contact NPC Student Services.	Not Accomplished – Career Fair cancelled due to lack of vendor availability.	Rescheduled for Fall 2008
6. Development of a course description and outline for the S-	Dr. Pat Canary, PI and Randy	Course accepted by NPC curriculum	Existing course to be used:	None required

Strategies	Responsible Person	Outcome Measures	Completion Date	Remediation Plans
STEM seminar class.	Porch, Co-PI	committee.	HDE 105 - Success Strategies for College	
7. Identification guest speakers and instructors and schedule for seminar class.	Dr. Pat Canary, PI and Randy Porch, Co-PI	List of guest speakers / instructors / schedule developed.	Not Accomplished	To be completed in Fall of 2008
8. Identification of project partners to provide job shadowing / professional mentoring / internship opportunities in S-STEM professions throughout the service area.	Dr. Pat Canary, PI and Randy Porch, Co-PI	Database of project partners and contact information; shadowing / mentoring / internship opportunities established.	Not Accomplished	To be completed in Fall of 2008
9. Establishment of a pool of not less than 4 professional S-STEM tutors at each cohort location.	Mark Vest	List of tutors and their contact information developed.	Not Accomplished	To be completed in Fall of 2008
10. Application committee reviews applications and selects scholars.	Dr. Pat Canary, PI; Randy Porch, Co-PI; Mark Vest	Not less than 24 S-STEM Scholars accepted for Project Year Two.	Not Accomplished Only five candidates have been identified so far	