



“Good Stewards of the Environment” Science Program

North Carolina Society of Hispanic Professionals
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The “Good Stewards of the Environment” Science Program is an extracurricular program designed to peak the interest of Hispanic students in science as a career. Throughout the program students will learn the process of scientific investigation through research, experimentation and discussion of the current environmental concerns for our water and our atmosphere. The North Carolina Society for Hispanic Professionals will choose 30 students to participate in the program with no cost to the student. The monetary value of the program per student is \$2,400 but the educational value is immeasurable. The “Good Stewards of the Environment” Science Program is funded by a Science Enrichment Grant from the Burroughs Wellcome Fund.

Important Dates

Application packages will be available Jan.14, 2011. They can be obtained by writing or calling the NCSHP, by downloading an application from our website at www.thencshp.org or by e-mailing Ana Bolchalk at ana@thencshp.org. Final applications must be postmarked by March 1, 2011. Award announcements will be mailed by March 11, 2011 and will be announced at the Hispanic Educational Summit on March 25, 2011. All of the recipients will be invited and recognized at the Hispanic Educational Summit on March 25th.

Eligibility Criteria

- Applicant is of Hispanic background (one parent must be fully Hispanic or both parents must be half Hispanic).
- Applicant is a rising 7th, 8th or 9th grade student in Wake County, Durham County, Orange County, Johnston County, or Chatham County.

Selection Criteria

Please submit the following items in one sealed envelope to the NCSHP by March 1st, 2011.

- **2 letters of recommendation:** Please submit 2 letters of recommendation **one from your science teacher** and one from another teacher, principal, employer or other community leader who can discuss the applicant's:
 1. Current academic status
 2. Academic and extracurricular achievements
 3. Personal qualities such as motivation, commitment, and leadership
 4. Potential for success and contributions to your community

Recommendation letters need to be placed in an envelope and sealed by the person giving the recommendation.

- **2010 1st Semester Report Card**
- **Personal statement:** An essay of 200 words addressing briefly each of the following topics:
 1. Why you are interested in this program?
 2. Describe your feelings on the current health of our environment.
 3. Do you think that your generation should be concerned with the health of our environment?

The Personal statement is one of the most important selection criteria. It should be written with care.

PROGRAM DETAILS

The goal of this project is to give students a chance to learn through observation, exploration and experimentation on how to be “Good Stewards” of their environment.

Program Schedule:

May –

- 21st - Introduction Session at the NC School of Science and Math

June –

- 20th - Stream Investigation with NC State Centennial Campus
- 21st - Water Testing, Soil Testing and Plankton Surveying at Jordan Lake
- 22nd - Water Testing, Soil Testing and Water Bugs Activity at Eno River
- 23rd - Water Testing Test and Soil testing at Falls Lake
- 24th - Analyze data from water testing at Jordan Lake, Eno River and Falls Lake at the NC School of Science and Math

July –

- 11th - Travel to New Bern, Water and Soil Testing of the Neuse River in New Bern
- 12th - Travel to Morehead City area, Water and Soil Testing at Pamlico Sound
- 13th - Tour Rachel Carson Island to learn about the Estuary Ecosystem
- 14th - Hammocks Beach State Park to learn more about environmental resource management and how nature can reduce pollution and human impact.
- 15th - Travel home

August –

- 1st - Water Quality Discussion with John Schaefer at EPA
- 2nd - Science Career Presentation at EPA
- 3rd - Tour Cary Wastewater Reclamation Plant

Start of the Academic Year (meetings will occur on Saturday's)

September –

- 10th - Sedimentation Activity at the Eno River State Park

October –

- 15th - Invasive Species Presentation and Removal at Eno River

November –

- 5th - Canoe Trip at Umstead State Park – Big Lake

January –

- 7th - Water Conservation Presentation with the Durham Public Utilities at the NC School of Science and Math

February –

- 4th - Prepare for the student poster session at the NC School of Science and Math

March –

- 3rd - Prepare for the student poster session at the NC School of Science and Math

End of March –

- Students will share their findings with their peers at the Annual NCSHP Student Summit through a poster session.

MAILING INSTRUCTIONS

Unfold and Remove all staples from all materials you send.

Answer all questions neatly using black or dark blue ink or type for legibility.

Make sure your application packet is complete and includes all requested materials:

- 2010 1st Semester Report Card
- Letters of Recommendation (please leave recommendations in original envelopes)
- Personal Statement

Do not FAX or e-mail applications, nor enclose any materials not requested (articles, photos, etc.).

Write your full name on each document you submit.

Submit all documents on white 8 ½" x 11" paper (except for official transcripts or recommendations on letterhead).

Mail complete application in a single large envelope, POSTMARKED no later than March 1st, 2010 to:

NC Society of Hispanic Professionals
"Good Stewards of the Environment" Science Program
8450 Chapel Hill Road, Suite 209
Cary, NC 27513

Award notification will be sent to your mailing address by March 11, 2011. All of the recipients will be invited and recognized at the Hispanic Educational Summit on March 25th. Please report any changes, including address changes, by e-mail to ana@thencshp.org. We wish you success!



“Good Stewards of the Environment” APPLICATION FORM

ELIGIBILITY QUESTIONS (please circle or write in appropriate response):

Full Name _____

Gender Male Female

Social Security # _____ - _____ - _____

(Optional; omitting your social security will not affect the review of your application)

Hispanic Heritage _____

Mailing Address _____

Home Phone _____ Cell Phone _____

Email _____

Grade Level in 2010-2011 school year _____

Name of Science Teacher for 2010-2011 _____

CERTIFICATION: Student must read and SIGN BELOW to be eligible for consideration.

- I certify that all the information provided is complete and accurate to the best of my knowledge.
- I certify that I am at least half Hispanic (i.e. one of my biological parents is Hispanic).
- I understand that all selection decisions and notifications are final and exceptions cannot be made.
- I understand that application materials become the property of the NCSHP and cannot be returned.
- I understand that incomplete and late application materials will result in ineligibility and exceptions cannot be made.
- I certify that I have read this application and certification and accept all conditions.

Student's signature _____ Date _____

Parent/Guardian's Signature _____ Date _____

“Good Stewards of the Environment” Science Program

Permission Form

I, _____, having legal custody of (child) _____ grant my permission for him/her to participate in the NCSHP “Good Stewards of the Environment” Science Program. I understand that some of the activities of the “Good Stewards of the Environment” Science Program may take place at different sites and that the child will at times ride in a van driven by an educator of the program. In addition, I understand that it is completely within my own power to grant permission for my child’s participation in this program and that I may deny permission or remove my child from the program at any time. I release the North Carolina Society of Hispanic Professionals (NCSHP) from any liability associated with my child’s participation in this program.

Travel Permission

I, _____ give permission to ride in a private car, in a van or in a vehicle driven by a “Good Stewards of the Environment” educator. I understand that my child will travel outside of the greater Triangle area for parts of this program. I understand that I will be notified of these trips and by signing this form, I am giving my child permission to travel to these places.

Emergency Contact

If I am not at home at the time my child returns from any activity, the child:

_____ has my permission to stay at home alone.

_____ should be taken to the following person’s home: _____

Medical Permission

Childs Full Name _____
Childs Date of Birth _____
Parent or Guardians Full Name _____
Address _____
Home Phone _____ Cell Phone _____

In the case of an emergency, I, _____ give permission for NCSHP to take my child, _____ to the hospital or elsewhere for immediate medical attention if needed.

Named of Preferred Physician _____ Phone Number _____
Address _____
Preferred Hospital _____
Insurance Policy: Company _____ Number _____

Medical Information

- | | | |
|--|-----|----|
| 1. Does your child have any medical problems? | Yes | No |
| If yes, describe _____ | | |
| 2. Does your child have any allergies? | Yes | No |
| If yes, describe _____ | | |
| 3. Is your child taking any medication? | Yes | No |
| If yes, list medication _____ | | |
| 4. Are there any activities (running, jumping, swimming) that your child should not do because of his or her health? | Yes | No |
| If yes, describe _____ | | |

Guardian Signature _____ Date _____