

ARSTA Student Partnership Program (ASPP)
Impacting the New Generation of Youth in Africa
iProject Africa
Summer 2008



ADVOCATE *for the*
REVOLUTION *of*
SCIENCE *and*
TECHNOLOGY *in*
AFRICA

ARSTA Student Partner Program (ASPP)
Impacting the New Generations in Africa

- Are you willing to mentor youths/students in Africa?
- Are you concerned that African youths do not have the information they need to attain their full potentials?
- Are you willing to run workshops and after school programs as your contribution to inspiring the upcoming generation?

Then the ARSTA Student Program is for you!

FOR MORE INFORMATION VISIT US AT
WWW.ARSTA.ORG

*Eligibility for participation includes been present for a minimum of 2weeks in participating countries.



LOVED BY TRIPLEO.BIZ

Who is ARSTA?

The Advocate for the Revolution of Science and Technology in Africa (ARSTA) is a collective of patriotic, selfless, pro-service people brought together by a common goal of moving Africa forward. We firmly believe that science and technology will be the motivational force in defining Africa's stability and sustainability. ARSTA is a collection of youths studying outside of Africa that feel that there is a need for a complete revolution of the science and technology sector in Africa. In this age of global interdependence, no continent should be left behind in the current advancements in science and technology, which is why we have taken it upon ourselves to educate the African child on all subject matter related to Science and Technology. This revolution provides both the context and the means for Africa's rejuvenation. While globalization has increased the cost of Africa's ability to compete, we posit that the benefits of an effectively managed integration present the best prospects for future economic prosperity and poverty reduction.

ARSTA has developed the Student Partnership program and will be the main point of contact for all program logistics with each student representative.

What are we trying to accomplish?

Background, Goals and Objectives

The ARSTA Student Partnership Program stems from the challenges our youth face across the continent.

Across the continent, there is a burgeoning entrepreneurial spirit, a spirit of leadership and a thirst for knowledge. This transformation however needs to be harnessed and properly managed we believe that the moment is ripe. There is a need to relay the knowledge and stem the brain-drain that many developing nations have been straddled with. ARSTA will enforce this through the involvement of all Africans in the Diaspora who have been part of thriving advancements in technology,

Nearly half of the population of Africa - forty-five percent under the age of 15, [R3] are unarguably the backbone of Africa's future. There is an urgent need to educate and prepare the youth to embrace science and technology - a key driver of economic growth-, and to embrace this new economic future that they must now bear.

The Student partners will serve as role models, going into communities and sharing life experiences, problem-solving skills as well as educating the youth on what it takes to live life to the fullest. Truly boosting confidence and igniting their passion to go out there and do things that they once viewed as impossible.

ASPP Goal includes the following:

- Science education and workshops
- Entrepreneurial training
- Formation of Community Group Project cells
- Science, engineering and mathematics contests
- Information technology and web education

ASPP Objectives are to:

- Stimulate the interests of youth in science and technology in Africa
- Inspire African youth to be proactive, innovative and self-reliant.
- Igniting confidence and passion in young minds
- Organizing educational competitions that will sharpen the creative minds of our youth, and in the process test all what is being learned.
- Providing hands-on learning experience
- Providing a vast array of information through internet and web education

The Elementary and High School Community

ARSTA TARGET AUDIENCE: STUDENTS

- Students having the greatest tendency toward technology
 - Primary: Science, Technology, Engineering, Mathematics majors/departments
 - Focus primary efforts on high school students
 - Secondarily reach elementary school
 - [R6]Secondary: Business, Education, Medical/Public Health majors

ARSTA SUPPORTING AUDIENCE: FACULTY

- Comprised of two audiences
 - Instructors
 - Instructors within academic areas with the greatest tendency toward having tech-enthused teachers and courses with group projects or collaboration requirements[SMD7]
 - Principals
 - Professors within academic areas with the greatest tendency toward having tech-enthused teachers and courses with group projects or collaboration requirements

What is our approach with the elementary and high school audience?

Student Approach

1. Placements of Student Partners and Reps in Groups

- Group 1: Nigeria
 1. ARSTA – Lagos
 2. ARSTA – Benin
 3. ARSTA - Ibadan[R8]
- [SMD9]Group 2: Ghana
 1. ARSTA – Accra
 2. ARSTA - Kumasi

2. Register ARSTA in participating schools

- Project Focus for 2008
 - Computer and Information technology

3. Tell the ARSTA story to students via presentations and demonstrations

- ARSTA presentation (background and long term goal)

Call to Action: Pick a Neighborhood (Individuals)

- Once you have identified a location and participants between age of 6-18years
- Register your activity on www.arsta.org/activities
- Identify challenges in your location/country
- Present "ARSTA - Background" to students for 5mins
- Start IT Training
 - Computer Basics – Teach students in groups how to use Word, Excel, and Powerpoint
 - Movie Making – Video making/Multimedia production
 - Website Production – Basic principles of creating a website

[R11]* *Training should be on for at least 3days to maximize participation and complete knowledge transfer and application*[R12][SMD13]

Call to Action: Pick a School (Groups)

- Our committee will match you up with other individuals/student at your desired location
- Approach a school of interest
- Identify participants
- Register your activity on www.arsta.org/activities
- Once school/participants are established
 - Start with a bright smile
 - Present the "ARSTA-Background" video
- Start IT Training (*you will be provided with training manuals*)
 - Computer Basics – Teach students how to use Word, Excel, and Powerpoint

- Movie Making – Video making/Multimedia production
- Website – Basic principles of creating a website
- **Training should be on for at least 3days to maximize participation and complete knowledge transfer and application*
- **Due to limited funding, we may not be providing laptops at this time; hence we expect that each Student Partner work with their own personal laptop(s).[R14]*
- **ARSTA does not intend to provide for travel or stipends. This program may only only be appropriate for students who already plan on visiting these countries over the summer or any other holidays[R15].*

Talking Points

Short Interaction: (for example to an Instructor)

ARSTA has 3 key messaging pillars. We enable people to:

- **INSPIRE:** The need to inspire and invigorate our youth with passion to take on the emerging economic future.
- **EMPOWER:** Our youth need empowerment in the areas of science, technology, economics and finance, and we are here to make sure that they have access to those things by empowering them to go out and reach for their goals in all areas of life.
- **TRANSFORM:** The transformation of the economy and day-to-day activities of the African people is the long-term mission of this organization. The future of the economy lies in what we can do today to create a better tomorrow and the process is not far-fetched if we embrace and connect as individuals and as a community of people ready for change.

Overview

- **Business-esque Cards** - distributed during one-on-one interactions
- **Door hangers** distributed to students after lecture
- **Electronic Fliers** for your use (you are welcome to print these fliers and distribute in neighborhoods).

Timing / Shipments

- A pre-determined selection of items will be prepackaged for shipment to student partners before departure to their respective countries.
 - Distribution quantities are weighted based on the amount of individuals you plan on engaging in the process.
- Materials will be shipped to Student Partners depending on departure date
- Projects will run for two-weeks at a minimum for individuals / groups. Each session should take at least 2hr and there should be at least 2 sessions in a week for individuals/groups

Engagement

Feel free to use / edit this letter template as appropriate – to be used to gain access for demonstration opportunities with student groups, schools, tutorial lessons, etc

Dear XX,

My name is XX and I am a student representative on behalf of ARSTA (Advocate for the Revolution of Science and Technology in Africa) This summer ARSTA is promoting launching projects in three major African countries, utilizing youths abroad to take action in catering to high school kids back home. This way we can make sure to give back to our community and country.

ARSTA is a collection of youth studying outside of Africa that feel that there is a need for a complete revolution of the science and technology sector in Africa. In this age of global interdependence, no continent should be left behind in the current advancements in science and technology, which is why we have taken it upon ourselves to educate the African child on all subject matter related to Science and Technology. This revolution provides both the context and the means for Africa's rejuvenation. While globalization has increased the cost of Africa's ability to compete, we posit that the benefits of an effectively managed integration present the best prospects for future economic prosperity and poverty reduction.

I would love to provide your organization/school with a demonstration of how this service can be of a benefit to you. Please let me know when will be a good time to share this great vision with the students.

Thank you,
Student Partner Name

[R16]

Project Recap

Prior to departure, each Student Partner must complete a project plan that details:

- Any challenges that exist in your neighborhood or country
- Your plan, expected start period and end period. A one-page proposal is needed. We are not going to provide you information on how to run this program, come up with creative ways to engage your community.
- Specific needs relevant to your country
- Once you are in your country and get situated, let us know when you plan on working on your project
- As soon as you start working on projects, please list your activities on the website for recap purposes
 - Number of students/individuals registered for the Project
 - Name of School/Community where project took place
 - Tactics used in training/teaching these students
 - Anecdotal comments from the student partner on the overall program
 - General Feedback and Recommendation
 - Weekly recaps will be completed online at www.arsta.org/activities
 - Your username: Firstname/Lastname (i.e JohnAkuma)
 - Your password: ARSTA

Incentive?

- ARSTA is a nonprofit organization and at this point is still searching for funds, but we don't believe that funding is what we need to keep this project alive – we need people. Africa has received over \$560billion dollars in aid over the past 40years, and yet we are the poorest continent on Earth. So, money shouldn't be our issue here. The issue is our people, our continent, our commitment to progress. There is dignity doing it ourselves, and we are glad, you are part of the success story.
- We will however issue certificates of completion/plaques to individuals who partake in this program as an appreciation for their service towards humanity.[R17]

Awards

- Awards will be issued after completion of project and arrival in the United States/Canada based on criteria determined by the Advisory Board of ARSTA.

Reporting

- Updates will be communicated to all reps on a weekly basis throughout the program

Application Process

This program provides you with hands-on experience and helps you to see, experience and understand life in Africa and the challenges that we face as a continent. Student Partners take action within the community, empowering the young African generation in science, technology and social awareness.

Focus Areas

- Pre-school, Primary and Secondary School
- Aids projects

Qualifications:

There are no special skills required. Selection will be based on your completed application, resume, transcript and reference.

Success generally depends on teamwork, creative problem solving, patience and openness to other points of view. Your team members will expect you to be a dependable, resourceful, motivated contributor who works well with others.

Requirements

- The minimum age is 18
- You must be healthy and fit enough to adapt to working where host project conditions may be strenuous
- For students participating in ARSTA-Nigeria Program, there will be an arrival orientation on dates that will be announced before departure.

Application Process Involves:

In-Person Interview when Feasible

Phone Interview

Resume

Written Application

ARSTA contacts

Main Email Point of Contact: project@arsta.org

- Programs Director: Blessing Oyeleye | boyeleye@arsta.org | 352-256-1930
- Public Relations: Adaora Mbelu | adaora@arsta.org | 513.885.4366
- Andrew Okoto | Advisor | andrewokoto@arsta.org | 954-937-0380
- Babasoji Maurice-Diya | Corporate Relations | babasoji@arsta.org | 352-870-0138