

# Nanotechnology Research Foundation **SCHOLARSHIP CHALLENGE**

SPRING 2009 FUNDRAISING EVENT  
April 1<sup>st</sup> – June 30<sup>th</sup>, 2009

## INVITATION



**SPRING 2009 SCHOLARSHIP CHALLENGE  
SPOKESPERSONS**

# What is the Scholarship Challenge?

- The Scholarship Challenge is a semi-annual fundraising event sponsored by the Nanotechnology Research Foundation ([www.thenanoplan.org](http://www.thenanoplan.org)).
- All high school students across the U.S. are encouraged to participate. Teachers and educators are encouraged to promote this event with their students.
- The purpose of this event is to move and inspire our youth, while promoting awareness and education about advanced sciences; in particular the recent breakthroughs in nanotechnology and its benefits to the modern world.
- Through this event, participating students have an opportunity to learn and share their knowledge of nanotechnology and other supporting nanoscience programs, while raising funds for their college education.

# How does the Scholarship Challenge work?

- By being an active participant of the Scholarship Challenge Spring Event, all students will earn 50% of the funds personally raised. The other 50% goes to support awareness and educational programs for the NRF.
- The 'challenge' of the Scholarship Challenge program is to be the most successful fundraiser. The winner will become the recipient of the *Suzanne Penny Scholarship*, and as such, the participant will receive 100% of their personally raised funds.
- The NRF has created a "How To" step-by-step process for this event to assist all participating students in achieving their goals. The Scholarship Challenge is easy, it's fun and it will make a huge difference in many people's lives!

# What is the NRF?

- The Nanotechnology Research Foundation (NRF) is a non-profit 501(c)(3), 500+ and growing volunteer-based organization **established by prominent scientists, researchers, high profile academia, scientifically-minded, socially conscious professionals and industry leaders from across the country**, committed to preserving America as the science and technology global leader. Please check our website under "Leadership".
- The NRF was created with the **primary mission** to:
  - Establish National Awareness of Nanotechnology
  - Stimulate Education in America
  - Create Collaborative Research
  - Accelerate Nanotechnology Innovation in order to expedite breakthroughs in medicine, alternative energy and environmental issues.
  - Broaden Nanotechnology Adoption
  - Preserve America as a Technology Leader

## Scholarship Challenge Spokesperson

**TASHA MAYNE**

Hendrickson High School  
Pflugerville, TX  
"Class of 2010"



"My goal has always been to help improve the lives of everyone around me."

- GPA: 5.16
- National Honor Society
- National Jr. Honor Society
- Academic All-District Team (2yrs)
- Homecoming Queen 2008 (Junior Class)
- Activities include: UIL Academic Team, UIL Math Team, Varsity Track Team, Varsity Cross Country Team, Student Council Representative, High School Aerospace Scholars (Internship), Girls Power Lifting Team
- Volunteering – Operations Blue Santa, Mentoring, Freshmen Orientations, Tutoring, Breakfast with Santa.

## Scholarship Challenge Spokesperson

**RJ VAUGHN**

Hendrickson High School  
Pflugerville, Texas  
"Class of 2010"



"I know that I will be one of the future leaders of America that can and will make a difference."

- GPA: 4.15
- NCSOFT Summer 2008 Intern
- AA-National Society of Black Engineers/Fresh Start 08'
- Hendrickson High Symphonic Band – First Chair
- USSBA Marching Band State Champion (Alto Sax)
- BOA Grand Nationals (Alto Sax)
- Recipient of the Martin Luther King Youth Humanitarian Achievement Award.
- Volunteering – Youth Leader/ Exhorter for Selah Ministries, Special Olympics Wheelchair Bowling, Angels Recovery Church Homeless Missions, Jr. NBA/WNBA Cares, Promotes Austin School of Performing & Visual Arts

## Scholarship Challenge Spokesperson

**AYESHA BOSE**

Francis Parker School

San Diego, CA

"Class of 2011"



"Give me a level long enough and a fulcrum on which to place it and I shall move the world"— Archimedes. "One day, I hope to truly move the world."

- GPA: 4.36
- Science Olympiad Member and Secretary – First Place at the San Diego Regional Completion, Robot Ramble
- Finalist – State in Astronomy and Oceanography
- FIRST Robotic Team 2009 - Treasurer
- Student at the Jisan Research Institute
- Captain – Academic League Team
- San Diego's Outstanding Teen Contest – First Runner-up
- Speaking engagements through the Lions Club
- Speaker representing NRF at SD Science Festival – Small Wonders Presentation.
- Attended National Young Leaders State Conference.
- Volunteer – Created a program to empower girls to pursue education and career in science oriented fields. This program takes place on a weekly basis at an elementary school.

# Why do we do what we do?

- The population of the United States, particularly our youth, are huge consumers of science and technology; however, limited efforts are being made toward educating and developing that talent base in the field of advanced sciences.
- Last year, the Project on Emerging Nanotechnology at the Woodrow Wilson International Center for Scholars released the results of a study on public perception of nanotechnology and it confirmed that more than 80 percent of the U.S. respondents knew little or nothing at all about nanotechnology.
- According to the late Nobel Laureate Richard Smalley, by the year 2010 (just 1 year from now) 90% of the world's scientists and engineers will live in Asia. 85% of people being trained in the advanced physical sciences in the United States are from abroad. Because the opportunities are now greater abroad, we are no longer retaining this talent in the USA.
- *If we do not turn this trend around NOW, we will have outsourced innovation, and innovation is one of the primary reasons for our leadership in this world.*

*It is the NRF's mission to stimulate, educate and innovate!*

# Learn more about the Scholarship Challenge, the NRF and our mission!

- Please visit us at [www.nanotechnologyresearchfoundation.org](http://www.nanotechnologyresearchfoundation.org) or [www.thenanoplan.org](http://www.thenanoplan.org)
- At the NRF website, go to '**Scholarship Challenge**' - read about the details of the program and read more about our amazing young Spokespersons leading this year's event.
- You can also contact Adriana Petersen, Director of Marketing and Public Relations at [adriana.petersen@nanoresearchfoundation.org](mailto:adriana.petersen@nanoresearchfoundation.org) or (949) 338-2474.

# Teachers can help NRF make a difference!

- We encourage teachers to submit names of interested students that could benefit from this program. **Event starts April 1<sup>st</sup>**. The earlier participants register, the better their level of success.
- Please forward student's name, parent's name, contact information, school and grade attending.
- Include school address and contact information, as well as teacher's name and contact information.
- **Submit this information via email to:**

**Adriana Petersen, Director of Marketing/PR**  
**Nanotechnology Research Foundation**  
**[adriana.petersen@nanoresearchfoundation.org](mailto:adriana.petersen@nanoresearchfoundation.org)**