ANITA RAO

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PEARLAND, TEXAS 77584

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TEL 713 791 2200

Education

Texas Academy of Mathematics and Sciences, Denton, TX (11th and 12th) GPA: 3.6

Glenda Dawson High School (9th and 10th) Academic Ranking: 4th out of 562

Leadership

**VICE PRESIDENT**, FACES (FELLOWSHIP FOR ADVANCEMENT OF CULTURAL EDUCATION OF STUDENTS), 2013

Organization that promotes the education of world cultures at TAMS

**EXECUTIVE**, FORWARD TUTORING, 2013

StartUp non-profit organization that provides free, online tutoring and community service in Dallas, started at TAMS

**LEADERSHIP COMMITTEE**, MODEL UN AT TAMS, 2013

First Model United Nations chapter at TAMS

**WING REPRESENTATIVE**, STUDENT COUNCIL, 2012

Reported and promoted decisions on behalf of my wing at TAMS

**FOUNDER**, CHOOSE HEALTH (**CH**ILDHOOD **O**BESITY **O**VERCOME BY **S**LEEP **E**DUCATION, **H**EALTHY **E**ATING AND **A**EROBICALLY **L**OVING **T**HE **H**EART), 2010 and ongoing

Organization advocating healthy sleeping, eating, and exercise to reduce prevalence of childhood obesity

**FOUNDER,** PROJECT SIESTA (**S**TUDENTS **I**NVOLVED IN THE **E**DUCATION ABOUT **S**LEEP HYGIENE FOR **T**EEN **A**DOLESCENTS), 2009 and ongoing

Organization advocating the importance of adolescents receiving good quality and proper quantity sleep

**CAPTAIN,** TAMS STEP CLUB TEAM

Teach students the style of “stepping”, which uses the entire body as an instrument to create rhythmic sounds.

**MEMBER**, NATIONAL JUNIOR HONOR SOCIETY, 2009-2010

# Accomplishments

**Paper on mathematical modeling of sleep ,** Mathematical Association of America, Annual Conference In Hartford, Connecticut, August 2013

**Paper on modular flows and knot theory accepted,** Mathematical Association of America, Annual Conference In Hartford, Connecticut, August 2013

**Scholarship Recipient,** Texas Academy of Mathematics and Science Research Scholarship, 2013

**3rd Place**, Fort Worth Science and Engineering Fair, Advanced To San Antonio, March 2013

**Honorable Mention**, Association for Women in Mathematics Essay Writing Competition, June 2012

**1st Place,** Mathematics Category, Exxon Mobil Texas Science and Engineering Fair, 2012

**2nd Place,** Mathematics Category, Houston Science and Engineering Fair, 2012

**Semifinalist,** American Museum of Natural History, Young Naturalist Awards, 2012

**Panelist,** Healthy Matters Conference, Hosted By Clinton Foundation, Palm Springs, CA, January 2012

**Established School Wellness Council**, Glenda Dawson High School, 2010-2011

**3rd place**, Medicine & Health Category, Houston Science and Engineering Fair, February 2011

**2nd place,** Medicine & Health Category, Houston Science and Engineering Fair, March 2010

**Texas State Grand Champion,** Community Problem Solving (CmPS), 2011, 2010

**2nd Place**, CmPS Future Problem Solvers International Conference, LaCrosse, Wisconsin, 2011, 2010

# Community Service

**World Fest,** Hosted a campus-wide cultural fair where all proceeds were donated to Cumberland Children’s Home, 2013

**Pragati Foundation,** Raised money for underprivileged kids in India, Ongoing

**Organized the Gandhi Peace Walk,** A 5K Walk, 100 person event, to promote peace, October 2010

**MS-150,** Biked Houston to Austin for Multiple Sclerosis Society fundraiser, 2009

**Keep Pearland Beautiful,** Neighborhood street clean-up, ongoing since 2009

**Houston Food Bank**, Packing food for care packages, ongoing since 2009

# Invited Talks & Presentations

**TAMS Talks,** February 2013

**Arizona State University,** February 4, 2011

**Texas Women’s University**, March 22, 2011

**ACCP Conference in Vancouver**, November 4, 2010

**Houston ISD Nurses**, August 2010

**Over 5000 students in Houston, Philadelphia, and India**, since July 2010

**ResMed Team in San Diego,** May 28, 2010

**Southern Sleep Society in Austin**, April 2010

**National Sleep Foundation in Washington, D.C.** , March 2010

# Additional Activities

**RESEARCH ASSISTANT, SLEEP & ANXIETY CENTER FOR KIDS, 2013**

**YOUTH ADVISORY BOARD, ALLIANCE FOR A HEALTHIER GENERATION, 2011-2013   
INDIAN CLASSICAL DANCE TRAINING (KUCHIPUDI), 2002-2012  
HABITAT FOR HUMANITY, 2011-2012  
RUNNING (7 HALF MARATHONS) IN TEXAS, 2009-2012**

**MATH & SCIENCE CLUB, 2007-2012**

**VEDIC HERITAGE SCHOOL (EDUCATION OF THE HINDU RELIGION AND CULTURES) 2006-2012**

**PIANO, CARNEGIE HALL IN 2009, 2ND PLACE IN SONATA & SONATINA COMPETITION, CORPUS CHRISTIE, TEXAS IN 2008**

# References

Daniel J. Taylor, Ph.D., ABSM, , University of North Texas, Department of Psychology, 940-565-2655

Ms. Margo Gigee, Director of Advanced Academics & IB Programmes, 281-412-1244, [gigeem@pearlandisd.org](mailto:gigeem@pearlandisd.org)

Lizeth E. Sánchez, Alliance for a Healthier Generation founded by American Heart Association and the William J. Clinton Foundation, 501-920-5666, [lizeth.sanchez@healthiergeneration.org,](mailto:lizeth.sanchez@healthiergeneration.org) [www.healthiergeneration.org](http://www.healthiergeneration.org/)

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