



Transforming Higher Education

Khalil M. Dirani

Mario Torres

Texas A&M University



TEXAS A&M
UNIVERSITY®

Howdy



TAMU (Est. 1871)

- Land-Sea-Space Grant Public University
 - Campuses: College Station, Galveston, & Qatar
 - \$13.5 Billion Endowment
 - 69,000 students
 - 55,000 Undergrads
 - 14,000 Graduates
 - 25% Hispanic
 - Top USA University with Study Abroad Programs
-



The President's Excellence Fund

- 10-year, \$100,000,000.00 million dollar program
 - Designed to support faculty
 - Built upon Texas A&M University's commitment to the three pillars of:
 - advancing transformational learning
 - enhancing discovery and innovation
 - expanding impact on our community, state, nation, and world
-



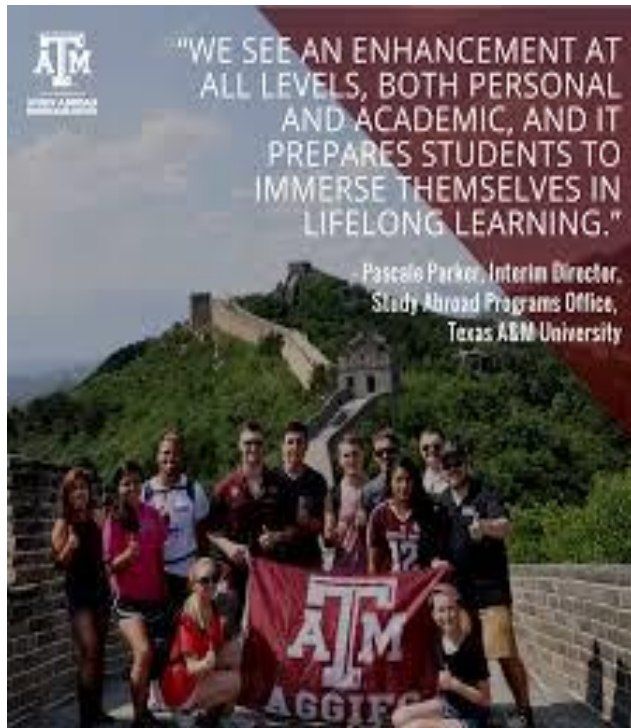
T3 Grants

- Texas A&M Triads for Transformation (T3) Grants
- multidisciplinary seed-grant program
- \$3 million for 100 projects

X Grants

- interdisciplinary program
 - creative ideas that address important challenges facing global society
 - \$7 million to a mix of smaller scale awards and larger scale collaborative research awards
-

Education Abroad



"WE SEE AN ENHANCEMENT AT ALL LEVELS, BOTH PERSONAL AND ACADEMIC, AND IT PREPARES STUDENTS TO IMMERSE THEMSELVES IN LIFELONG LEARNING."

- Pascale Parker, Interim Director,
Study Abroad Programs Office,
Texas A&M University

- Over 5,500 students each year participate in an international experience
- **Texas A&M** ranks **first** in the USA among public universities and **second** among all universities in Study Abroad programs

(Institute of International Education, IIE, U.S. Department of State's Bureau of Education and Cultural Affairs)

Aggies Invent

The concept:

- Gather interested students (~70 students every month)
- Provide them with a problem (medical, energy or others)
- Allows students to work in teams
- Have them create prototypes in 48 hours

Students:

- Push their innovation/creativity
 - Compete for the best design
 - Gain practice with rapid prototyping tools
 - Best teams to use their designs as a jumpstart for forming startups and explore commercialization
-



Aggies™ Invent

Solving Problems
In 48 Hours



College of Education 5 Goals for Transforming Lives

- 1: Advance teaching and learning by placing high value on a collaborative, diverse, democratic, and global leadership training environment for graduate students
 - 2: Provide all undergraduate students with the transformational learning experiences needed for responsible citizenship, lifelong learning, and productive contributions to a globalized society
 - 3: Produce excellent initial teachers for the state of Texas while continuing to enhance, support, and engage educator and leaders in schools and communities as we tackle the education challenges of tomorrow
-

College of Education 5 Goals for Transforming Lives (Cont'd)

4: Develop new understandings through research, foster innovation and development, and influence policy and practice.

5: Enhance the quality of life of individuals and communities by promoting physical, psychological, intellectual, mental and spiritual health.



TEXAS A&M
UNIVERSITY.



TEXAS A&M UNIVERSITY
Education &
Human Development

VOICES OF **IMPACT**
SPEAKER SERIES



Educational Human Resource Development Key Elements

- Adult Learning Principles
 - Experiential/Participatory Action Learning
 - Faculty-Student Engagement
(Research/Learning/and Community Service)
 - Triad of
 - Training & Development
 - Career Development
 - Organizational Development
 - Ethical Leadership and Talent Development
 - Conflict Management & Dialogical Communication
-



“Throughout our history we have been charged with transforming and enriching lives through education and health”



TEXAS A&M
UNIVERSITY.

