University of Texas at Arlington

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Why Study Abroad?

- We must realize that
 - The world is large and globalized!
 - Korea must be a leader and a partner of the world
 - The future of Korea (YOU)
 - Must widen the horizon
 - Be ambitious and be prepared take on any challenges from anyone, any where, any time!!
 - Learn to work with people from other cultures
- When an opportunity presents itself, you must take it!
- You also must create your own opportunity!



Where is USA?





Where is Texas?





THE GREATER MAVERICK COMMUNITY

Where Mavericks Call Home!



May 27, 2013

The Dallas / Fort – Worth Metroplex

- 4th largest metro area in the United States
- Has one of the highest concentrations of corporate headquarters in the United States
- Contains the largest Information
 Technology industry base in the state
- Cultural center rich in the arts, as well as sports centers



MAVERICK COUNTRY

Where UT Arlington is Located



The City of Arlington

- Arlington's population is ~370,000
- Located between Dallas and Fort Worth, ~20 min. driving from either
- 15 min. south of DFW International Airport
- Within a 3 hour drive of these regional cities:
 - Austin (Texas)320 km
 - Houston (Texas)425 km
 - Oklahoma City (Oklahoma)430 km
 - Shreveport (Louisiana) 330 km



What's around UTA?





CITY OF ARLINGTON

Tourist Destination



The City of Arlington – Featured Attractions

 Dallas Cowboys Stadium , home of "America's Football Team", a \$1.15 billion stadium in Arlington.

> World's largest HD quality video board Largest retractable end zone doors in the world

- Rangers Ballpark in Arlington, hoe of Texas Rangers baseball team
- Six Flags Over Texas is a mammoth theme park



UTA History and Statistics

- University of Texas at Arlington
 - Founded in 1895
 - 2nd largest unit among the 14 universities in the University of Texas System
- Faculty 1,658
- Students (Fall 2012) 33,449 (2nd largest in UT system)
 - Graduate: 8,002 (6959 Master + 1043 Ph.D)
 - Undergraduate: 25,447
 - From 49 states and 150 countries
- Degree programs
 - 11 colleges & schools
 - 80 Baccalaureate
 - 74 Master's

May 27, 230 Doctoral



ACADEMICS - Details

Degrees Offered

- 80 Bachelor's
- 74 Master's
- 1 Professional
- 30Doctoral

11 Colleges and Schools

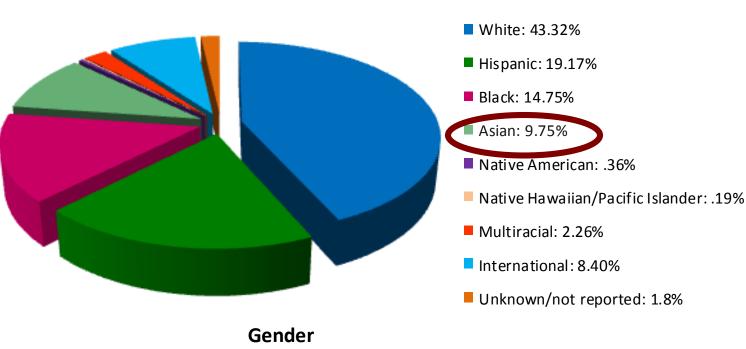
- School of Architecture
- College of Business
- College of Education and Health Professions
- College of Engineering
- College of Liberal Arts
- College of Nursing
- College of Science
- School of Social Work
- School of Urban and Public Affairs
- Honor's College
- The Graduate School



OUR MAVERICKS ARE...

Student Demographics (cont.)

Ethnicity



~50% student population is under-represented groups.

19:1 Student to
Faculty ratio
Source: IRPS UT
Arlington
Enrollment
Comparative
Analysis

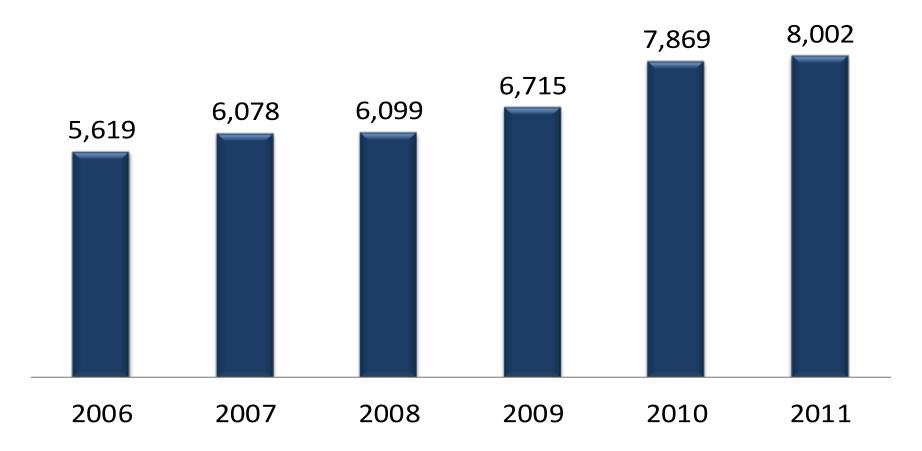
Univ. of Texas Arlington

■ Female: 56.05%

■ Male: 43.95%

Graduate Student Enrollment Trend..

Graduate Student Enrollment





A LEADING RESEARCH UNIVERSITY IN NORTH TEXAS

Carnegie Category:

Research University/High Activity

Research Status FY10:

Total research expenditures - \$63.6 million

Restricted research expenditures - \$42.9 million

Research Centers and Institutes:

More than 66 centers and institutes throughout COLA, COS, SUPA, COE, and SOCW



UT ARLINGTON

Industry Interactions

Alcon Laboratories: Several faculty in math and chemistry

Nokia: Faculty in mathematics

IBM: Partnership in the Converging Biotechnology Center

Texas Instruments: Funding of the Welch Chairs

Johnson & Johnson: Collaborate in development of functional coatings

Hewlett-Packard: Plasma coatings on films and powders



TEXAS UTA Physics Department

- Total 174 students: 148 undergraduate students and 46 graduate students
 - We graduated 8 Ph.D., 7 M.S. and 24 B.S. last year!
 - 100% of the graduate students are supported!
 - About 35 upper level UG students are involved in faculty research
- 22 professors (+1 to be hired soon!), 9 research professors and 2 permanent lecturers
- 12 department staff (added a dedicated UG advisor) and 3 planetarium staff
 - Department Chair: Dr. A. Weiss
 - I am the associate chair
- Leading research department in UTA and in Texas!!
- Has a dual degree program with CNU since 2008
- Department web: http://www.uta.edu/physics/

Research Areas — Part 1

- High Energy Particle Physics (Origin of Mass and the Universe)
 - One theorist and 5 experimentalists
 - Involved in experiments in the US and in Europe (CERN)
 - We host a large computing center, only 5 in the US
- Astronomy: 2 theorists and 1 observer
- Space physics: 2 Theorists
- Nano-Materials physics: 2 experimentalists
- Renewable Energy: one theorist

Research Areas – Part 2

- Condensed matter physics: 4 theorists and 3 experimentalist + one new experimentalist faculty to be hired
- Optics: 1 experimentalist + 1 endowed distinguished professor to be hired
- Nano-bio physics and Bio-physics: 2 experimentalists



UT ARLINGTON – Chem. and Physics Building

Chemistry & Physics Building

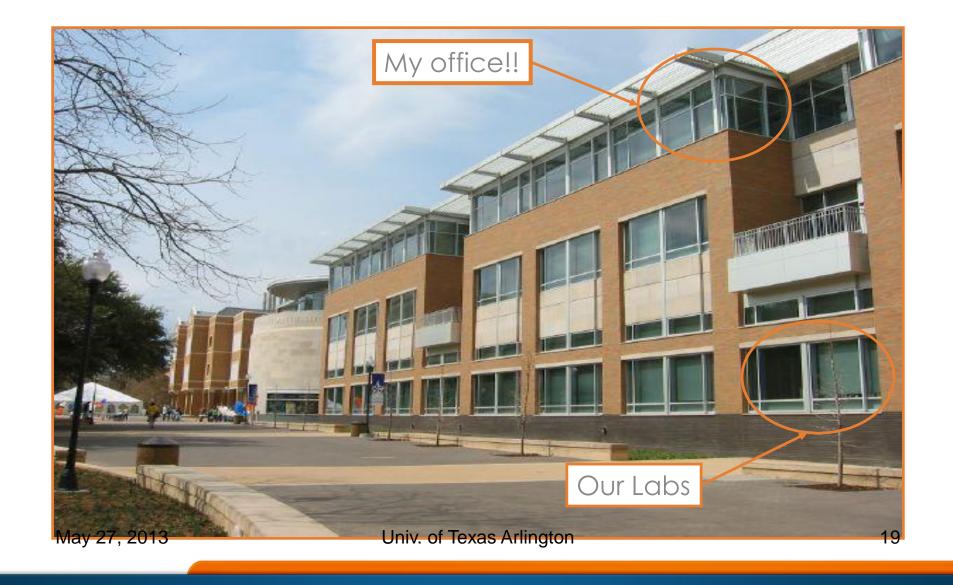
The new \$42 million Chemistry Physics Building houses: Faculty offices, graduate student offices, planetarium, ATLAS Tier 2 computing center, conference room, detector construction lab, and a physics machine shop.

The Chemistry and Physics Building has state-of-the-art teaching and research labs for chemistry, biochemistry and physics.





UT ARLINGTON





UT ARLINGTON – Maverick Activity Center

The Maverick Activities Center (MAC), a \$34.5 million recreation facility, is approximately 190,000 sq. ft. and includes 20,000 Square foot weight and fitness room (80+ pieces of cardio equipment, 4 circuit training units & a free weight area).



Additional services available:

- 5 Indoor basketball courts
- 9 Volleyball courts
- Indoor soccer gymnasium
- 2 Indoor tracks 1/16 mile and 1/9 mile
- 5 Racquetball courts
- 10 Badminton courts
- Game room and table tennis
- Internet café with juice bar
- Wellness resource center
- 2 Outdoor Volleyball Courts
- 2 Outdoor Basketball Courts
- Climbing Wall



UNIVERSITY GROWTH

College Park Campus







College Park Campus

- Shared vision of UT Arlington and the City of Arlington
- Square Footage: 218,000
- Cost: \$78 million
- Home of:

College Park Center – a special events center Green at College Park – an outdoor green space

A residence hall

Student apartments

Retail stores and restaurants

A new University welcome center

- Construction: Designed to achieve LEED Gold Certification
- Expected Opened 2012
- www.uta.edu/collegepark

Univ. of Texas Arlington



UT ARLINGTON – Dining and Banking



opportunities located on campus, from the U.C. Plaza and Connection Café to The Market Express. For a complete list, visit: www.uta.edu/dining.

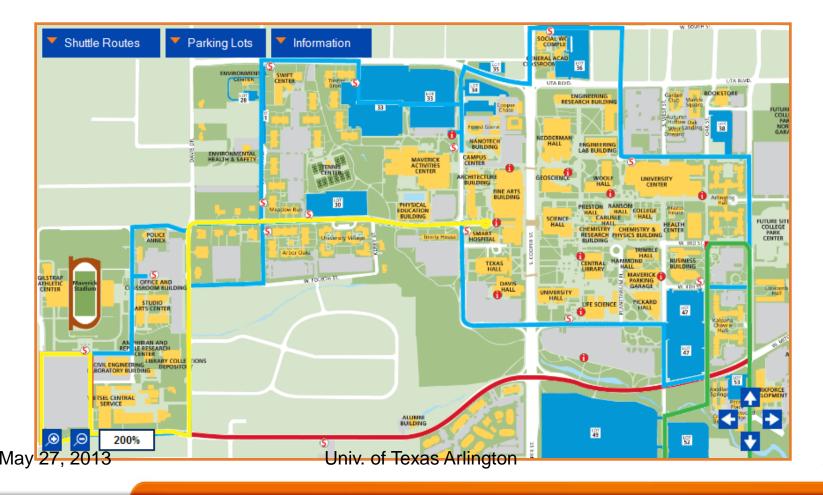
On-site limited banking, one-card solutions with the Mav Express Card, and access to three ATM's



UT ARLINGTON – University Transportation

The University has 4 free shuttle lines in use Mon – Fri.

May Mover line that runs on Sat. to shopping centers and a grocery store for \$2.00.





UT ARLINGTON – The Health Center



The UT Arlington health center offers medical care and health insurance to graduate students. Office visits are free to fee paying students.

Services include:

- Immunizations
- X-rays
- General office exams
- Mental health services
- Women's health services



ENGLISH LANGUAGE INSTITUTE (E.L.I.)

GRADUATE ENGLISH SKILLS PROGRAM(G.E.S.P.)



The English Language Institute (E.L.I.) provides English as a second language programs for International Students.

Graduate English Skills Program (G.E.S.P.) is an intensive English course \rightarrow use materials from their graduate programs as they learn to write academic papers, read textbooks and scholarly material, expand academic vocabulary, listen to and take notes for academic lectures, and make videotaped, oral presentations.



OFFICE OF GRADUATE STUDIES

Is Here to Assist



Students are our most important asset. We offer the tools necessary for graduate success.

Our website (http:grad.uta.edu), provides information needed to:

- apply to the graduate school
- forms needed during the process
- deadline information
- helpful checklists



What do committee members pay attention to?

- Official GRE and TOEFL must be satisfactory
 - Higher scores help, especially the verbal
- Good GPA's critical
 - Demonstrates how sincere the person is
- Recommendation letters
 - Should be very good
- Study plans
 - Good reference for categorization but not critical



Questions?

GRE?

- All universities' require this at least verbal and math
 - Quite hard to get an exemption on this
 - But if you have a strong supporter faculty member, something could be arranged
 - CNU dual degree students do not need to take this exam!!

• TOEFL?

- Need to take it with a passing score (83 or higher!) to make your life easier in grad school
- But this is easier to get an exemption than GRE
- However, having a strong supporter will help!
- My contact info: jaehoonyu@uta.edu