

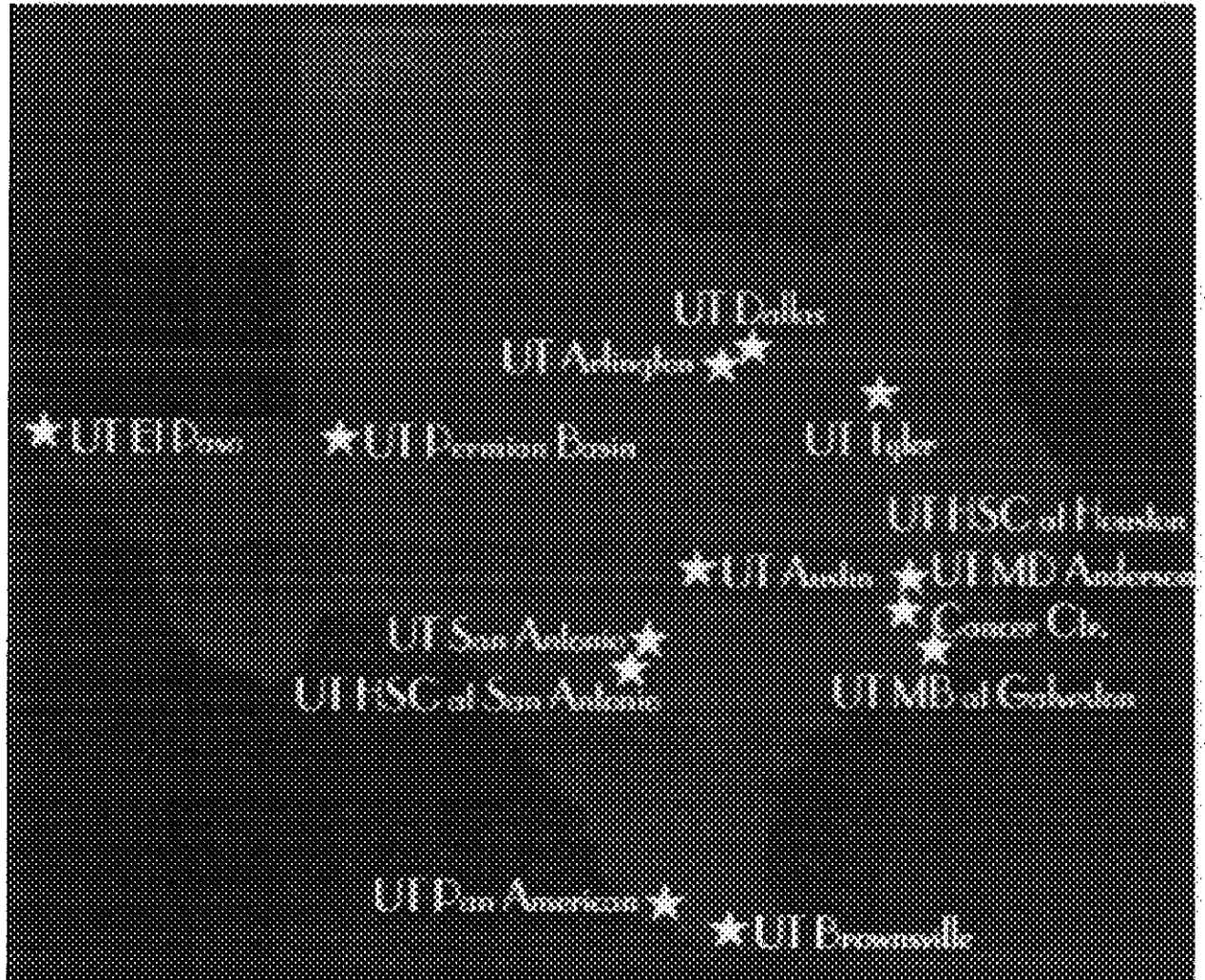
U. T. System
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academic affairs

K-16

Connections

- U. T. System Components
- U. T. System
- Beyond U. T. System



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affairs**

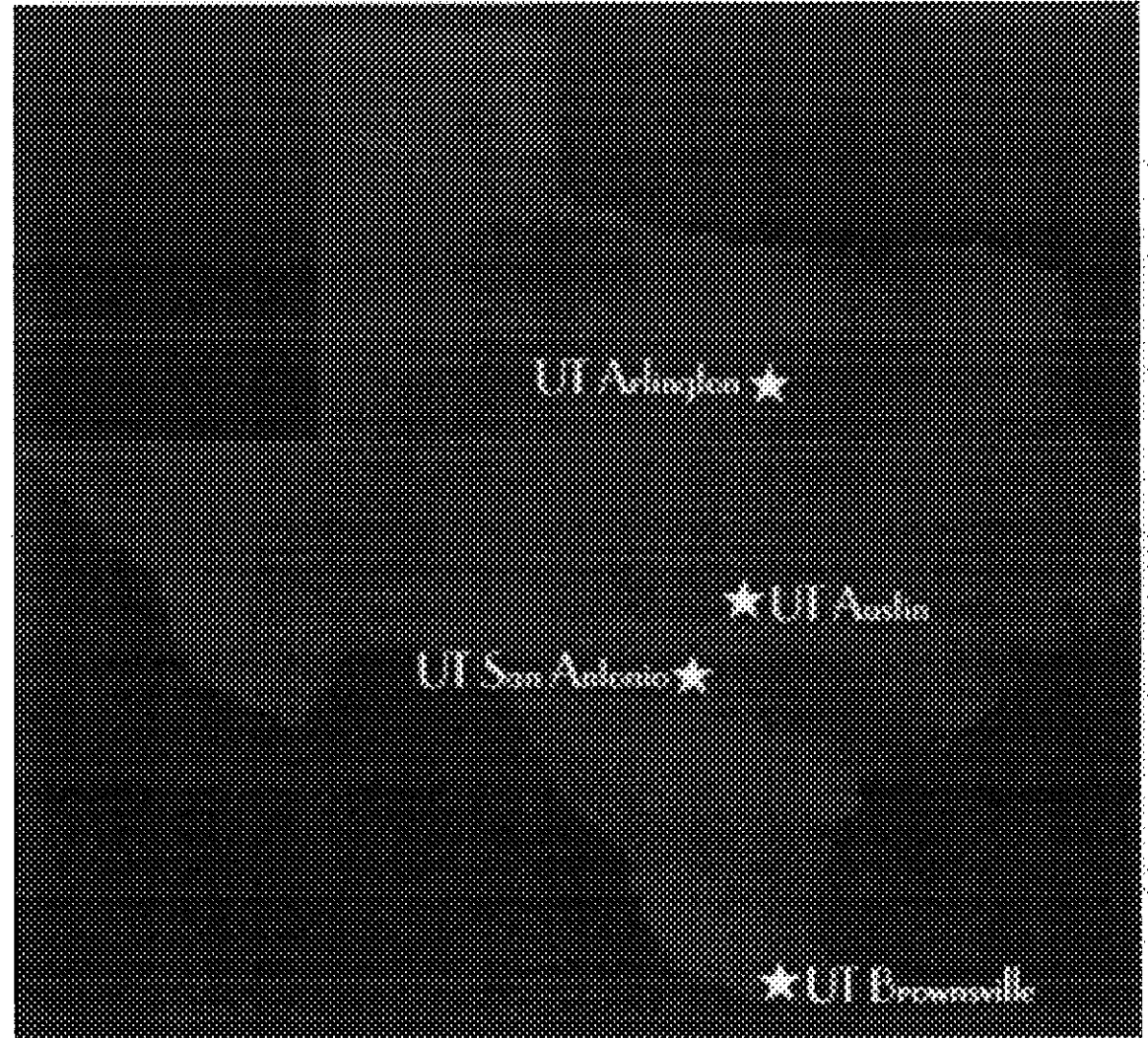
**K-16
Connections**

**U. T. System
Components**

- ▶ **Partnerships**
- ▶ **Educator Preparation**
- ▶ **Outreach**
- ▶ **Coordination**

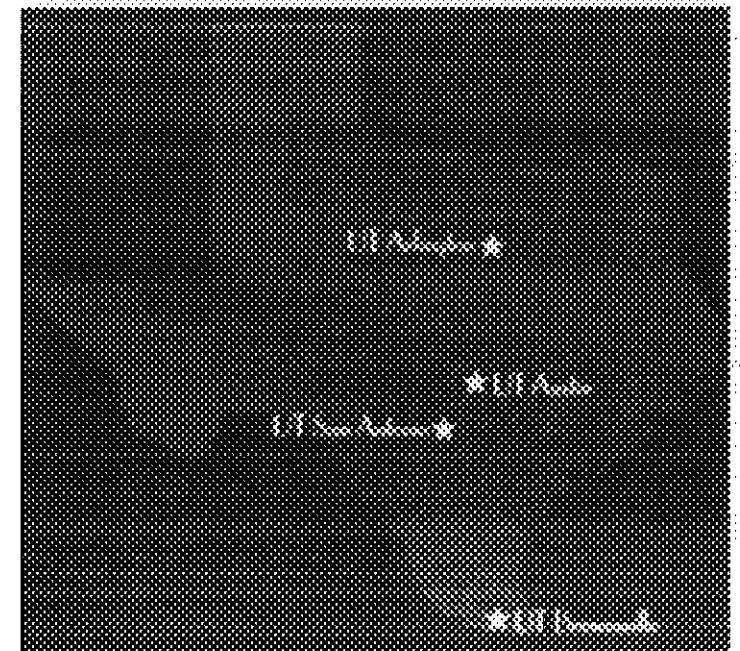
**U. T. System
Beyond U. T. System**

**Community College
Partnerships**



Community College Partnerships

- U.T. Arlington/U.T. Dallas: Data collection and cohort tracking to determine progress and success
- U.T. Austin: Clarification and publication of transfer requirements
- U.T. Brownsville: Articulation agreements between Texas Southmost College and U. T. Brownsville
- U.T. San Antonio:
 - Teacher exchange
 - Alamo Community College Collaborative Committee



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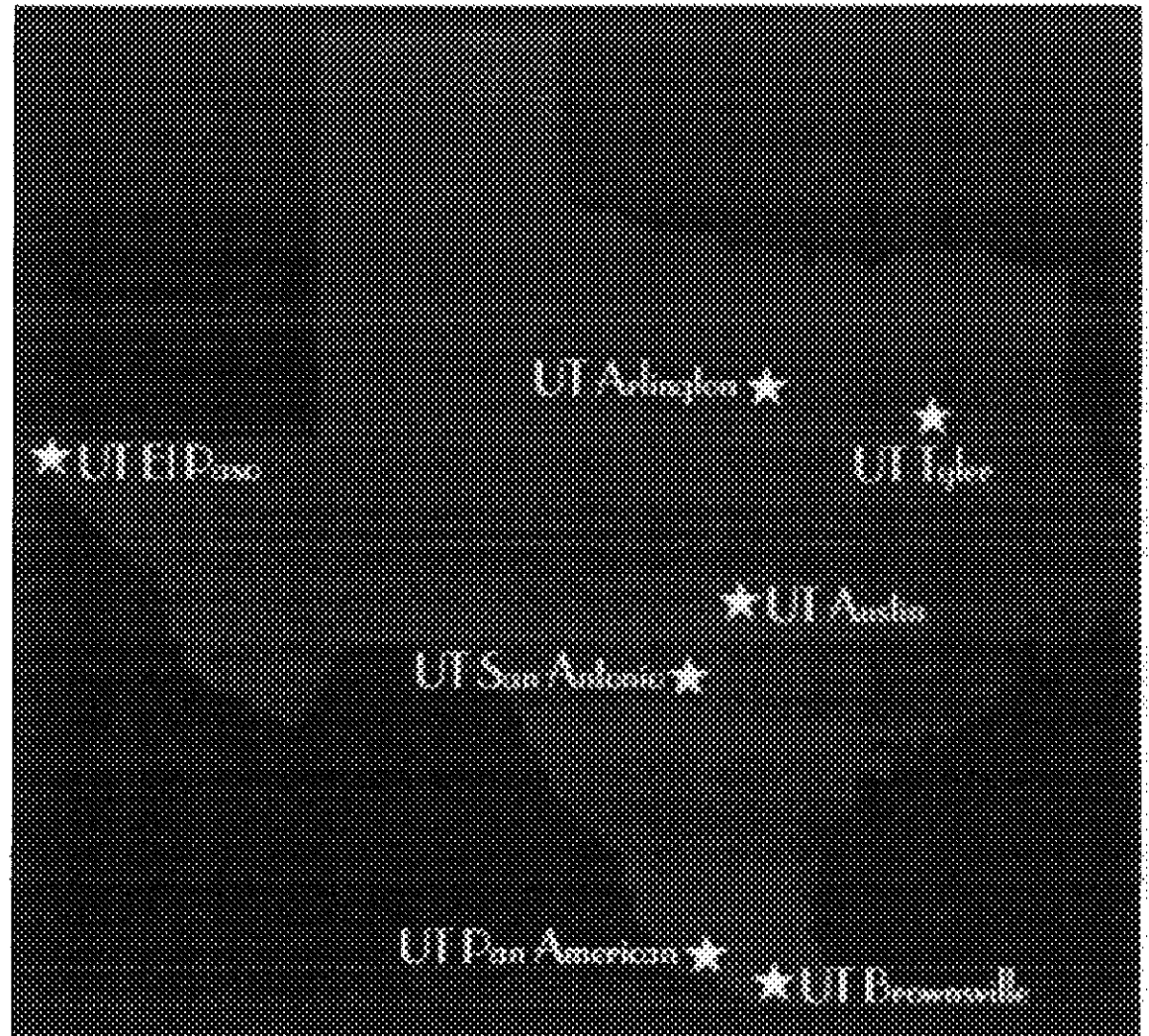
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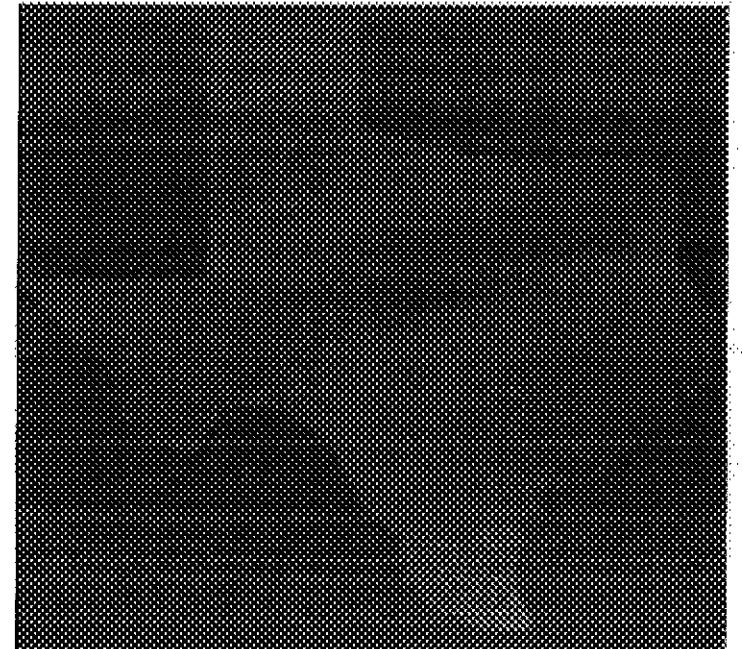
**U. T. System
Beyond U. T. System**

The Need for Teachers in Texas

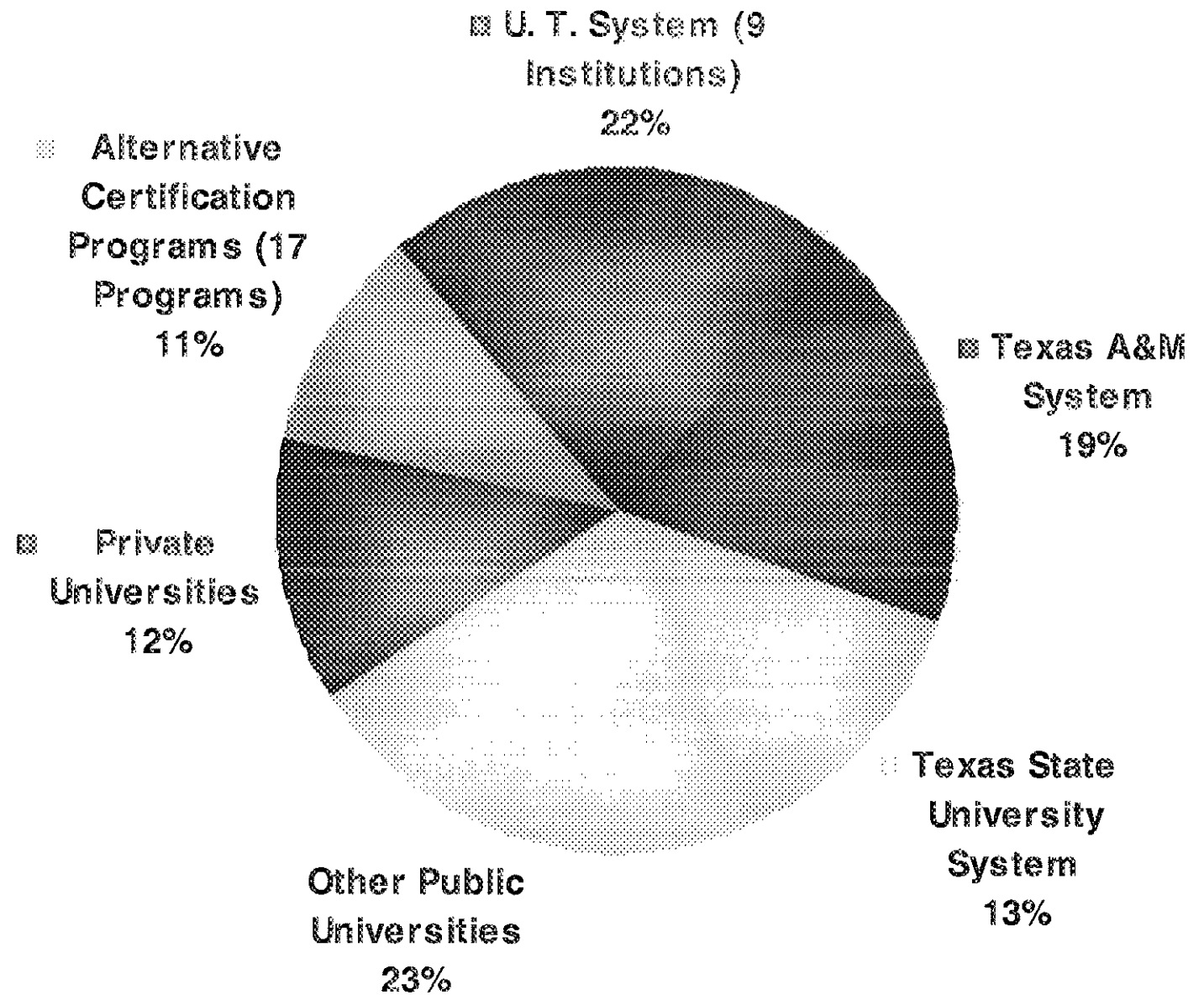


The Need for Teachers in Texas

- **Current unmet demand for teachers:
approximately 45,000**
- **1998-1999 First-Time ExCet Examinees
passing: 21,627**
- **Gap: 23,373**



1998-1999 ExCet Examination
First-Time Test Takers: 21,627



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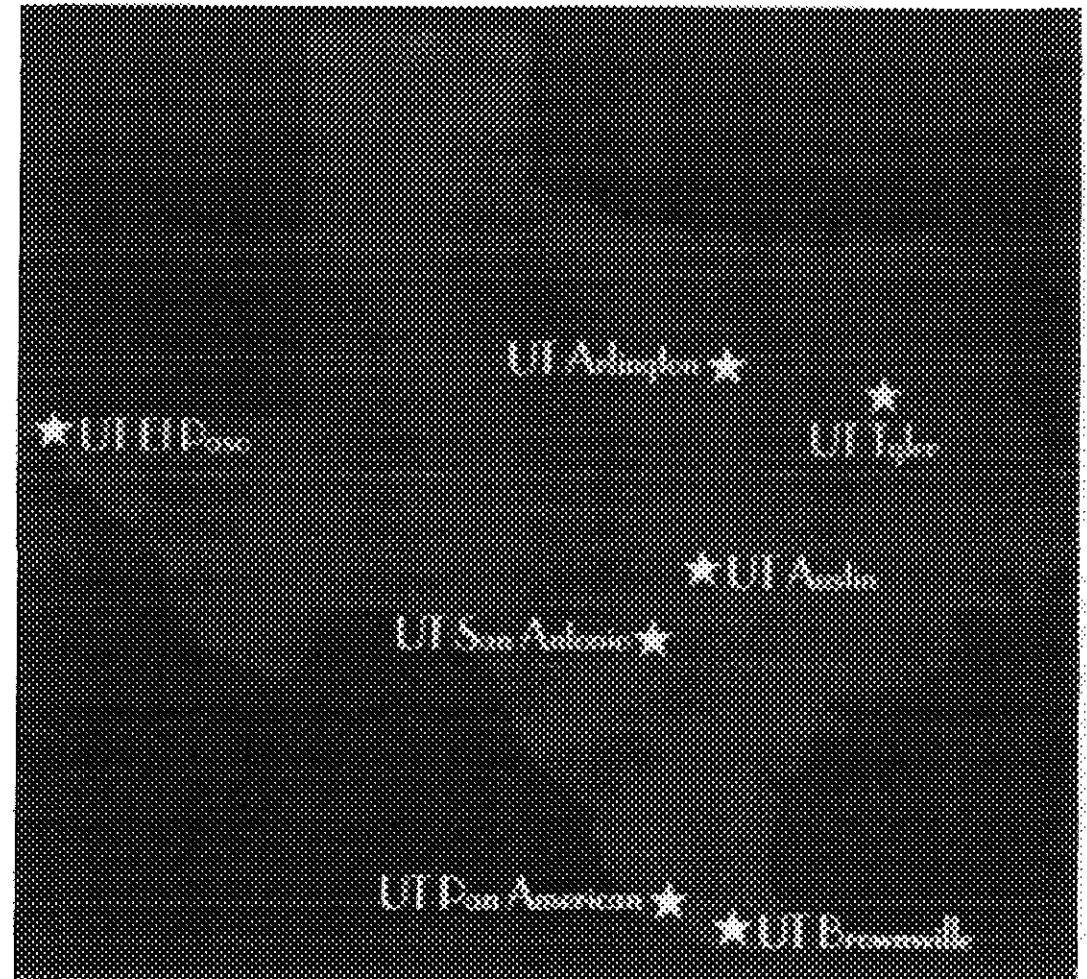
K-16 Connections

U. T. System Components

- Partnerships
- ▶ **▫ Educator Preparation**
- Outreach
- Coordination

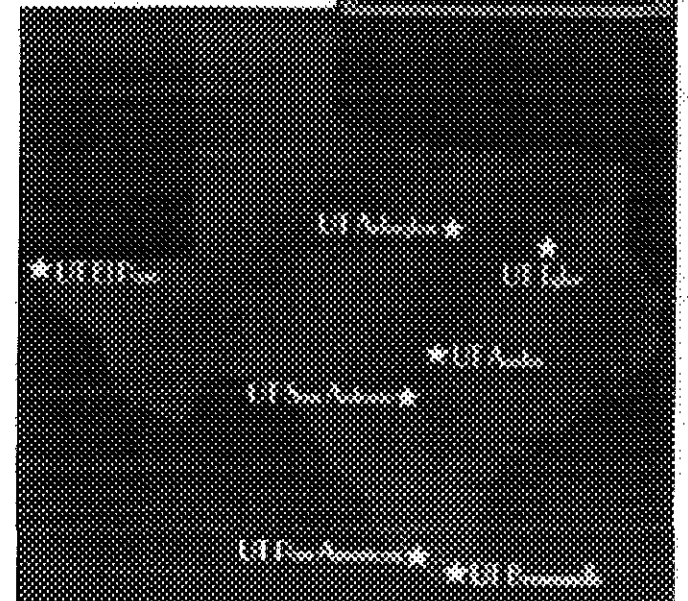
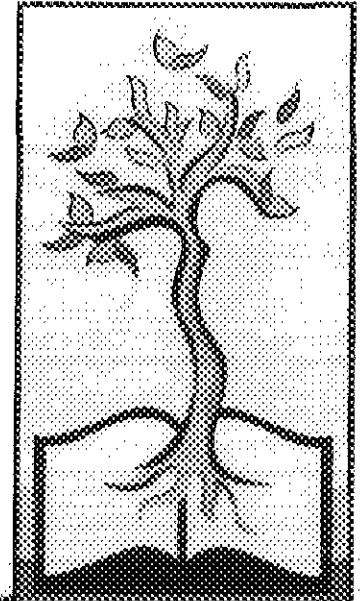
**U. T. System
Beyond U. T. System**

Master Reading Teacher Certification Programs



Master Reading Teacher Certification Programs

- Created by 76th Legislature as part of Texas Reading Initiative to ensure that all Texas students are reading on grade level by the end of third grade and that their reading knowledge and skills grow throughout their public school experience
- More than 1800 elementary campuses statewide designated as “high need” and eligible for grants to pay stipends to Master Reading Teachers
- To date, 143 Master Reading Teachers have been certified by the State Board for Educator Certification.



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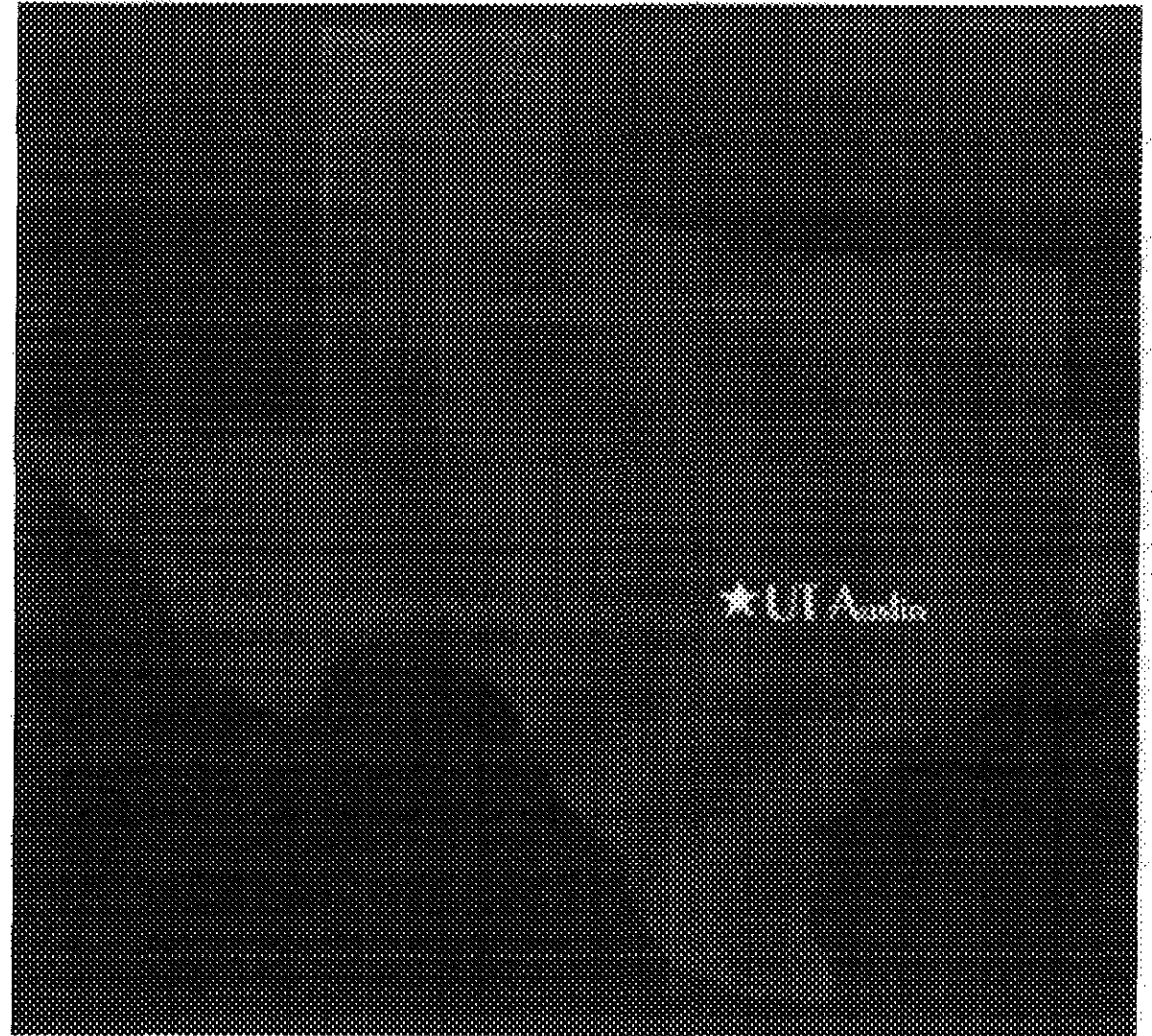
K-16
Connections

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- Outreach
- Coordination

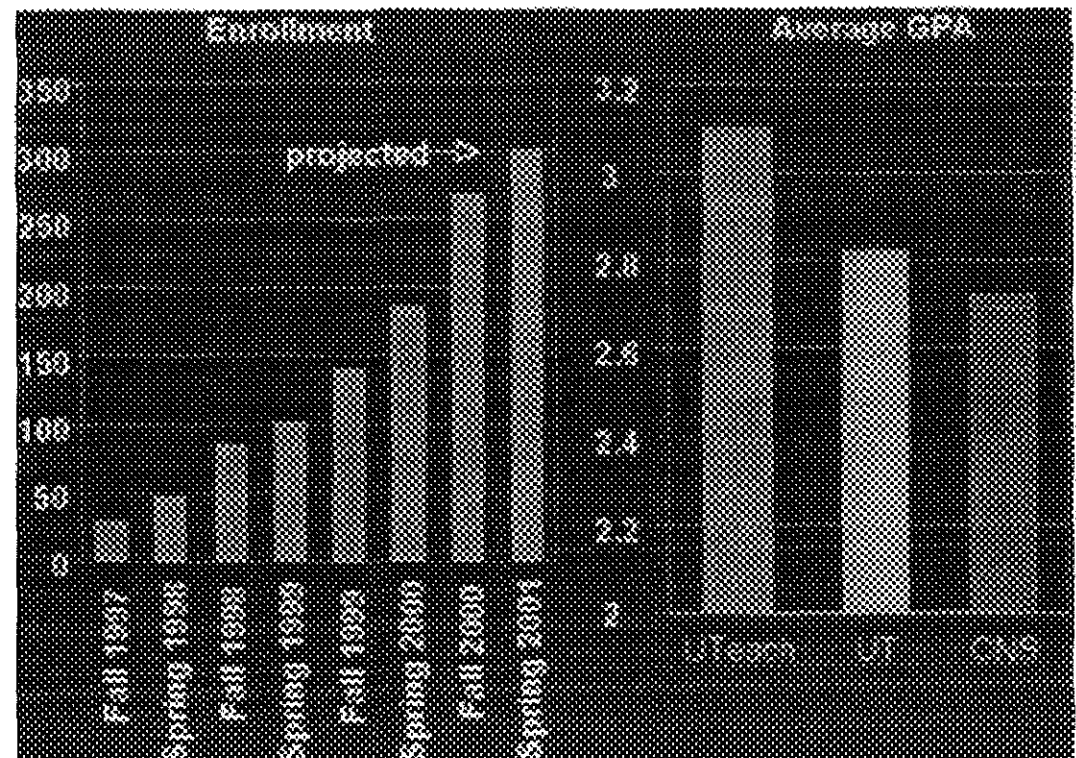
**U. T. System
Beyond U. T. System**

UTeach



- Rigorous preparation in math and science
- Early and on-going field experiences in public schools
 - Emphasis on inner city schools
 - Supervision by excellent mentor teachers
- New pedagogy courses developed by both colleges taught by UT professors and outstanding secondary school teachers
- Inquiry-based learning/teaching
- Technology-rich curriculum
- AP curriculum options
- Research experience

UTeach



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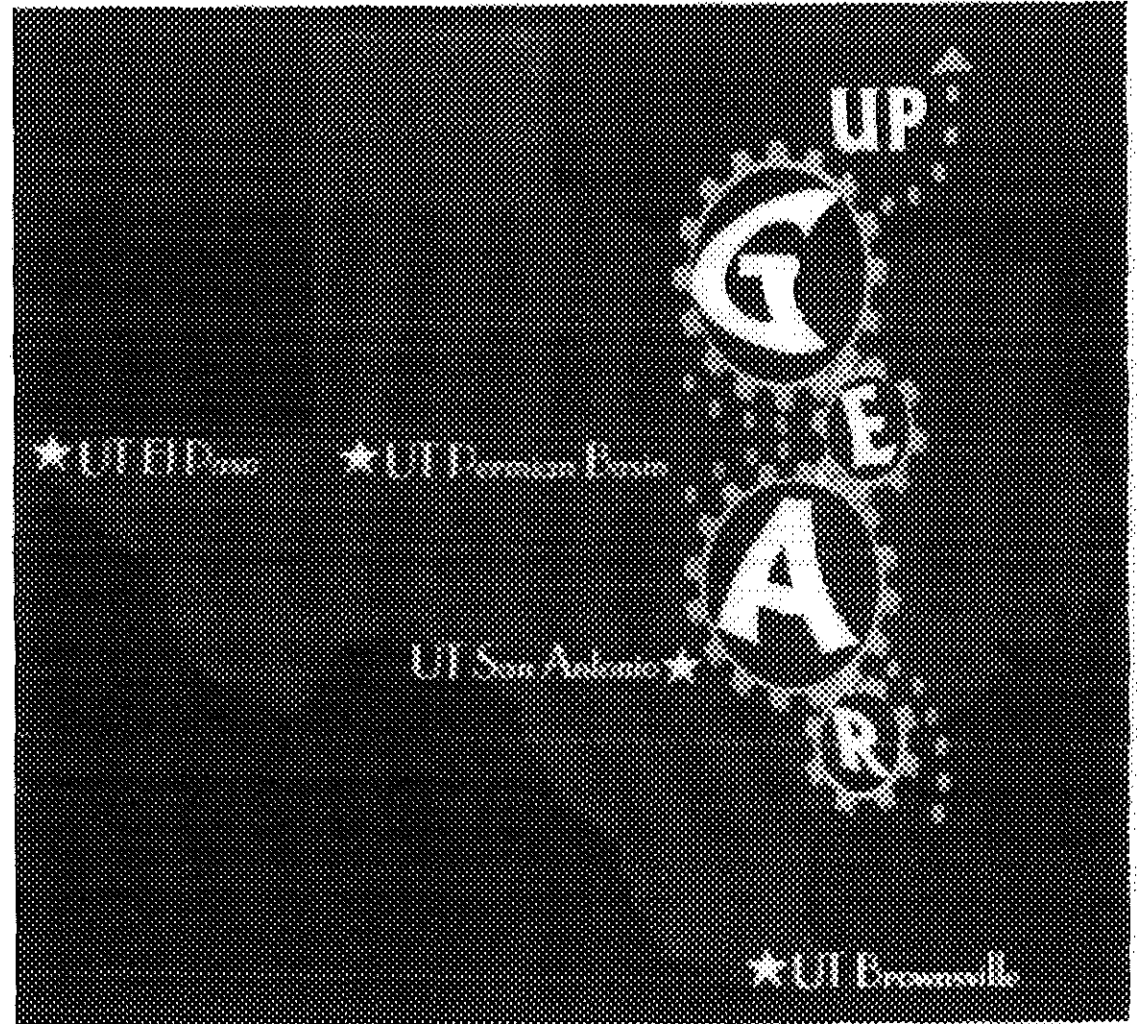
**K-16
Connections**

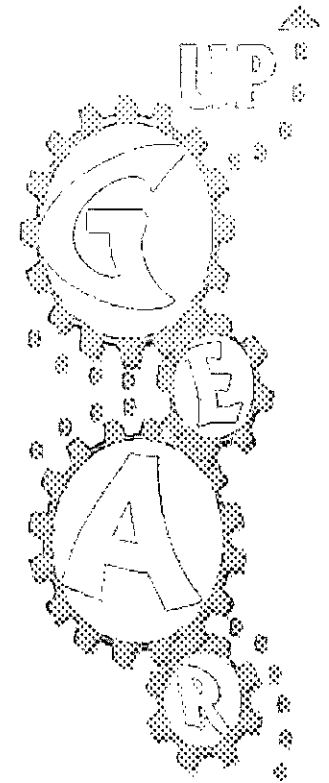
**U. T. System
Components**

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- Educator Preparation
- ▶ ▫ Outreach
- Coordination

**U. T. System
Beyond U. T. System**

**Gaining Early Awareness &
Readiness for
Undergraduate Programs**





- Partnerships between middle schools serving high-priority student populations, colleges and universities, community organizations, and business

- Provides services for entire cohorts, such as:

- Tutoring

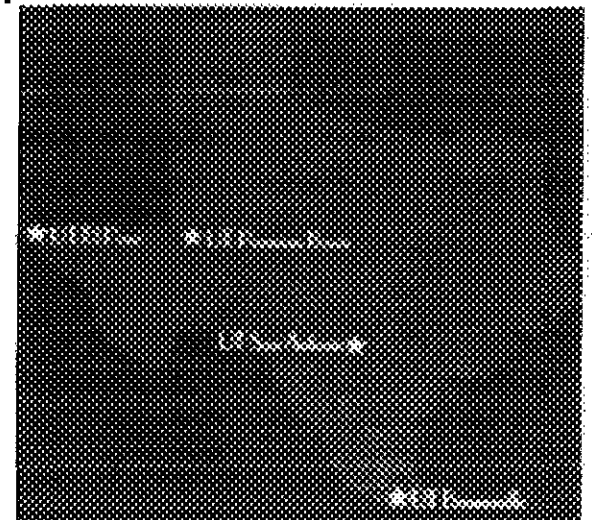
- Mentoring

- Emphasis on core academic preparation

- Dissemination of information to students and parents:

- College preparation

- Financial aid



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affairs

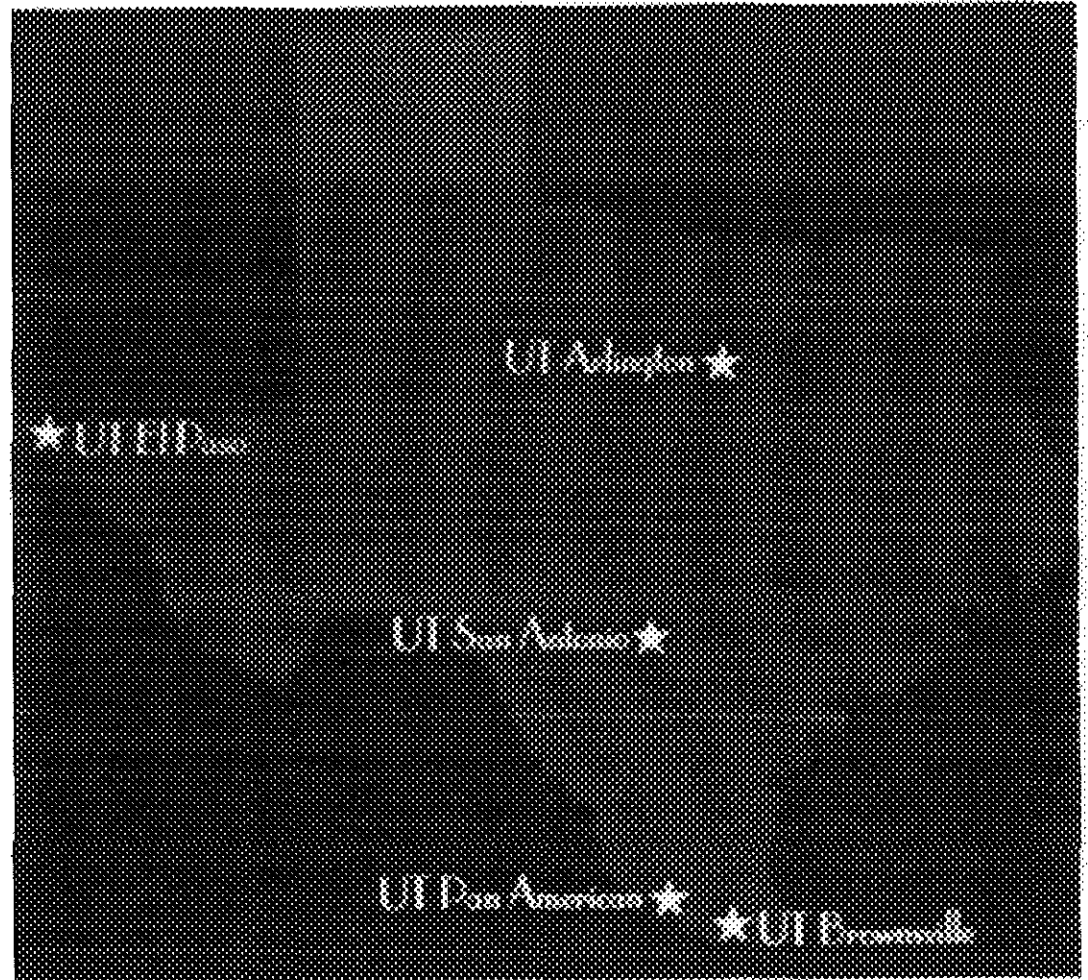
K-16 Connections

U. T. System Components

- Partnerships
- Educator Preparation
- ▶ ▪ Outreach
- Coordination

U. T. System
Beyond U. T. System

TRIO Programs



•Talent Search

→Identifies and assists individuals from disadvantaged backgrounds who have the potential to succeed in higher education

•Student Support Services Program

→Provides opportunities for academic development
→Assists students with basic college requirements
→Serves to motivate students toward successful completion of postsecondary education

•Upward Bound

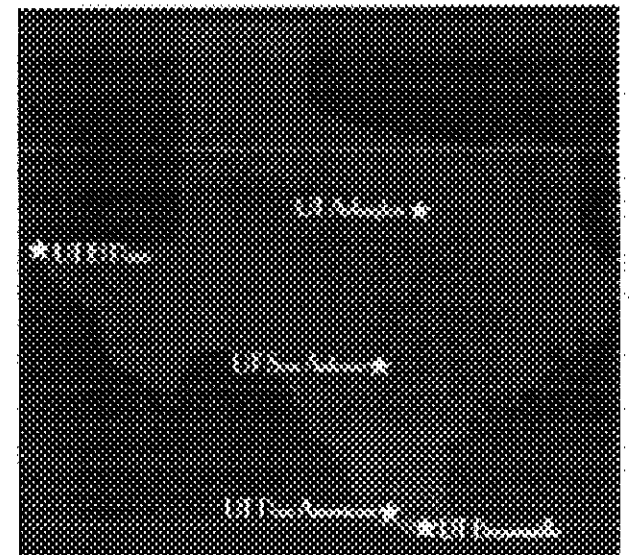
→Provides preparation and support to participants for college entrance
→Serves low-income high school students, first-generation college students and veterans

•Upward Bound Math/Science Program

→Specialized Upward Bound math and science centers designed to strengthen skills of participating students



TRIO Programs



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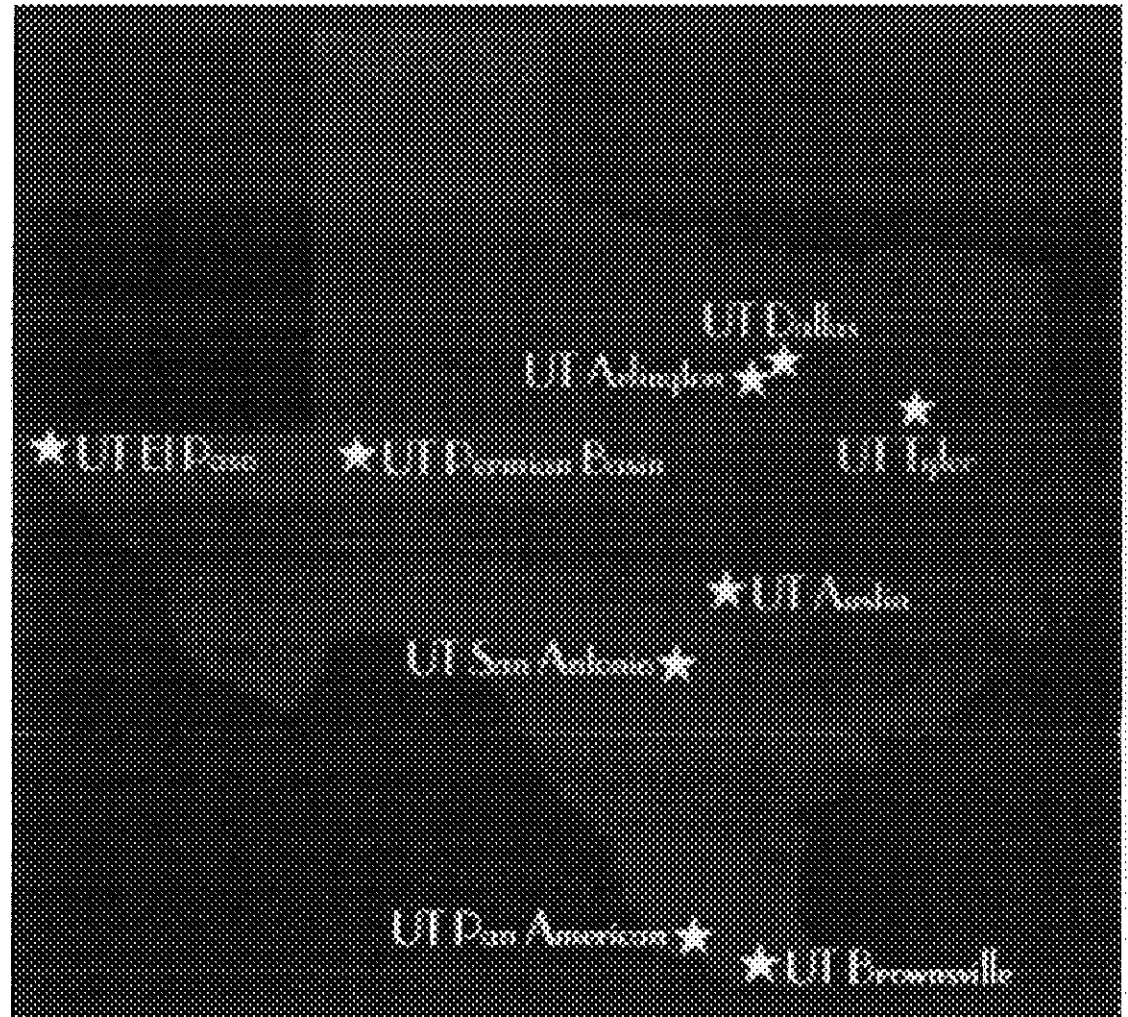
K-16 Connections

U. T. System Components

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- Educator Preparation
- Outreach
- ▶ **▫ Coordination**

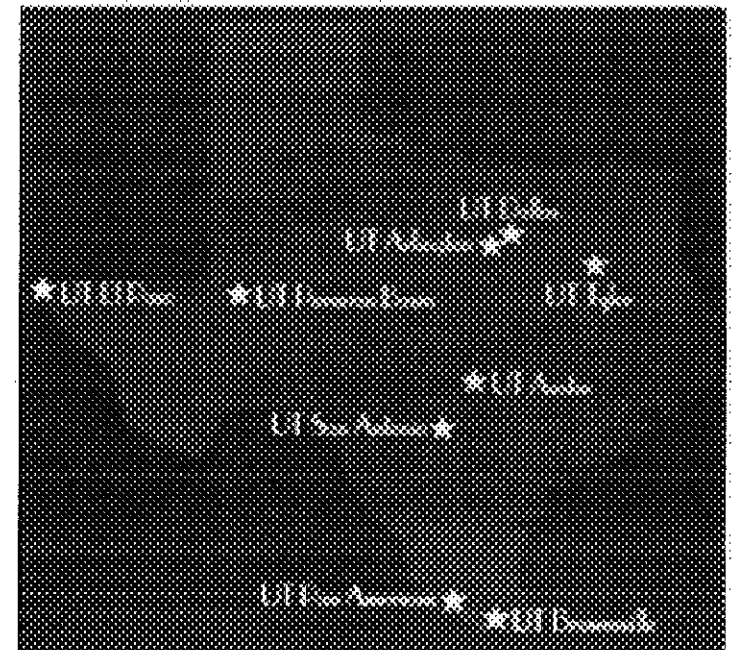
U. T. System Beyond U. T. System

U. T. System K-16 Coordinators



U. T. System K-16 Coordinators

- Support and advocate for K-16 efforts on home campuses
- Identify and coordinate existing efforts
- Seek opportunities for new initiatives
- Communicate with U. T. System and fellow-components
- Report to U. T. System twice annually



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K-16

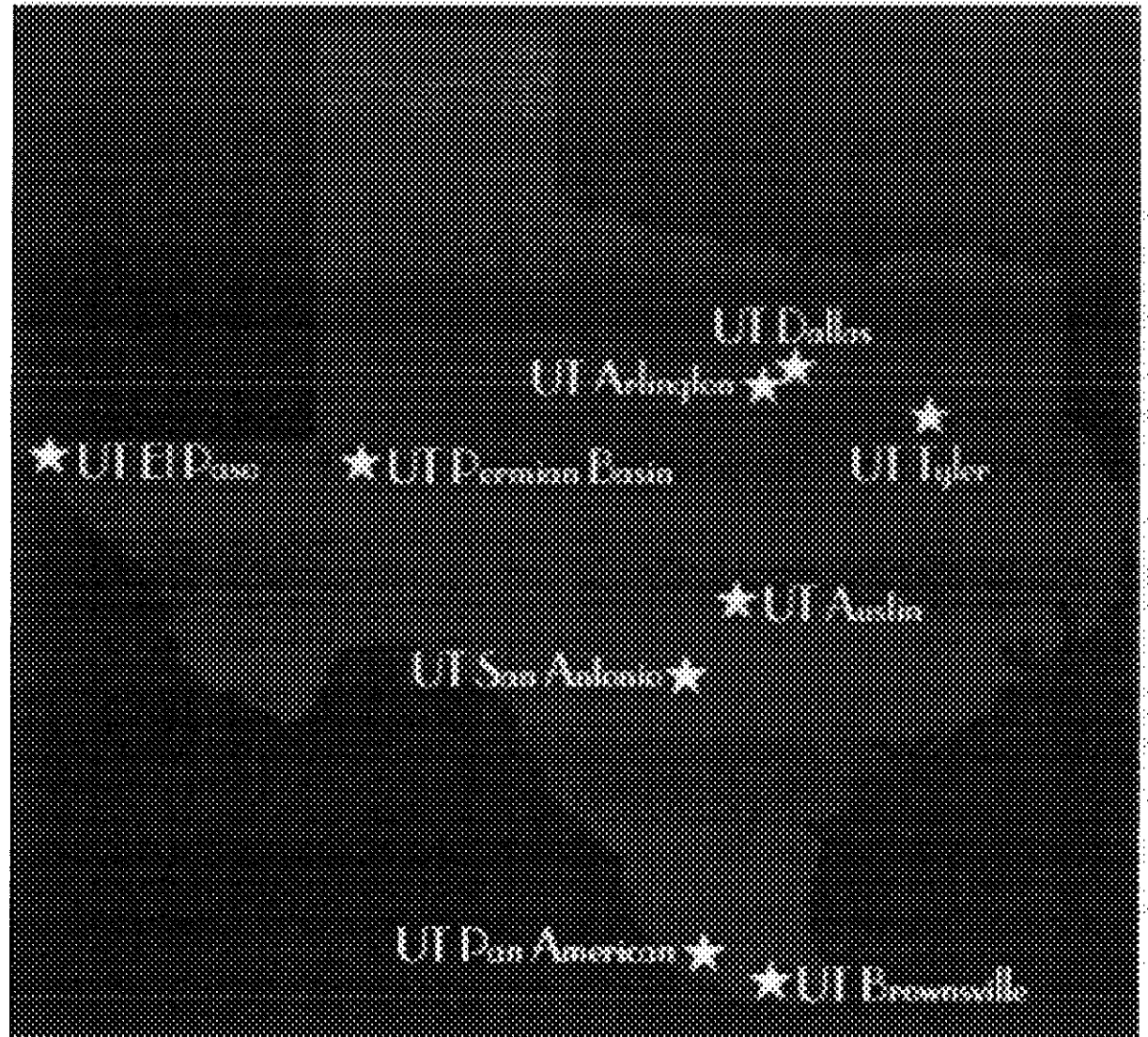
Connections

**U. T. System
Components**

▶ **U. T. System**

- Educator Professional Development
- Outreach
- Quality Control

Beyond U. T. System



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affairs**

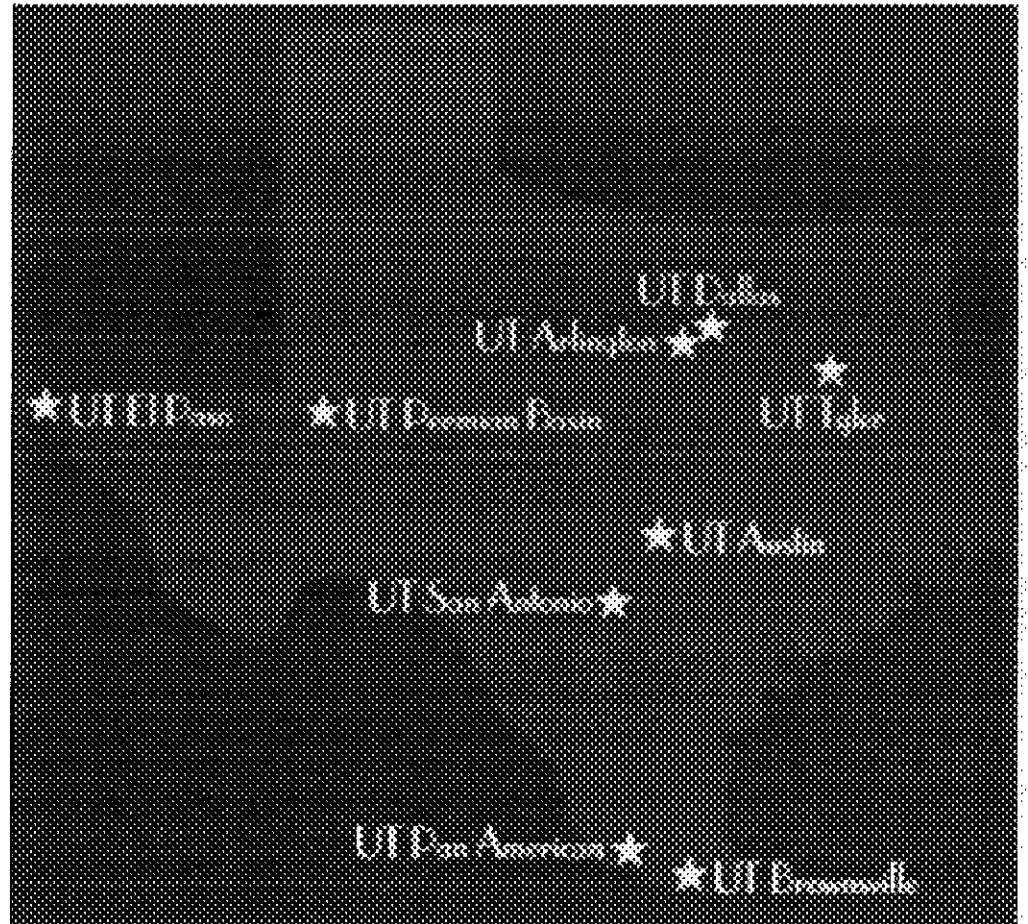
**K-16
Connections**

**U. T. System
Components**

U. T. System

- Educator Professional Development
- Outreach
- Quality Control

Beyond U. T. System

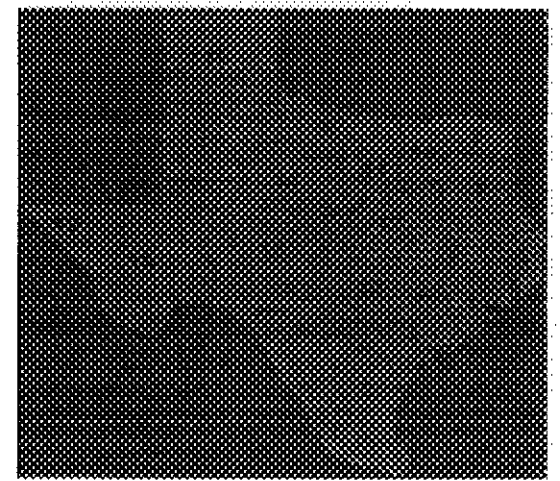
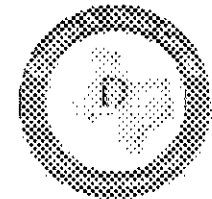


- High-quality, web-based learning modules

- Interactive environment

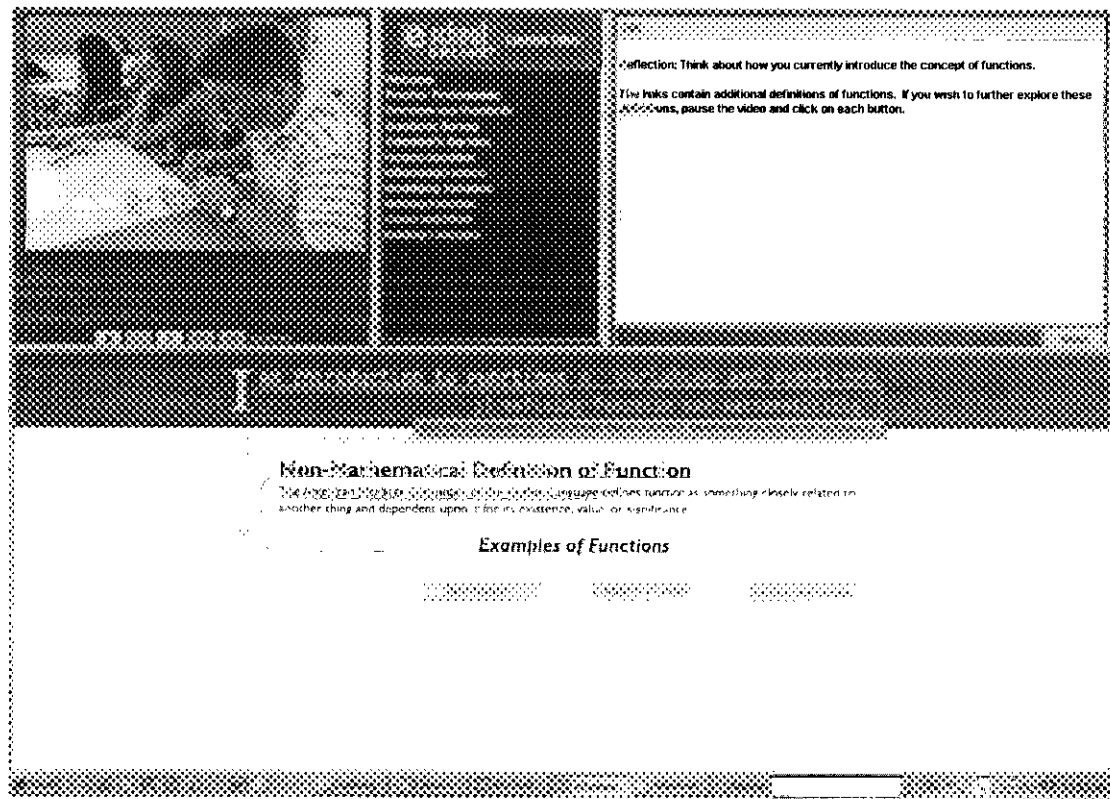
- Staff development in Algebra I TEKS

- Collaborative effort



Video

Index



Reflection: Think about how you currently introduce the concept of functions. The links contain additional definitions of functions. If you wish to further explore these definitions, pause the video and click on each button.

Non-Mathematical Definition of Function
The *TPD ONLINE* Algebra I course language defines function as something closely related to another thing and dependent upon it for its existence, value, or significance.

Examples of Functions

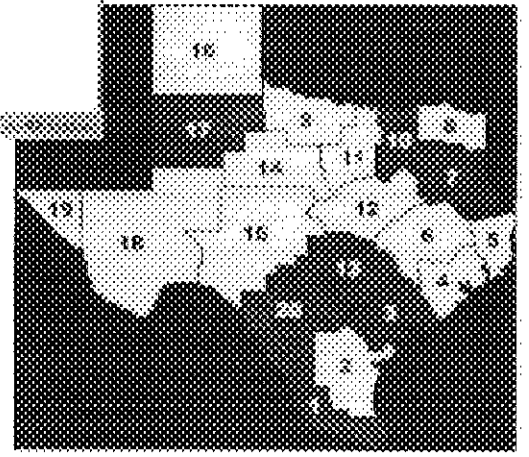
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Web Resources

Information & Feedback



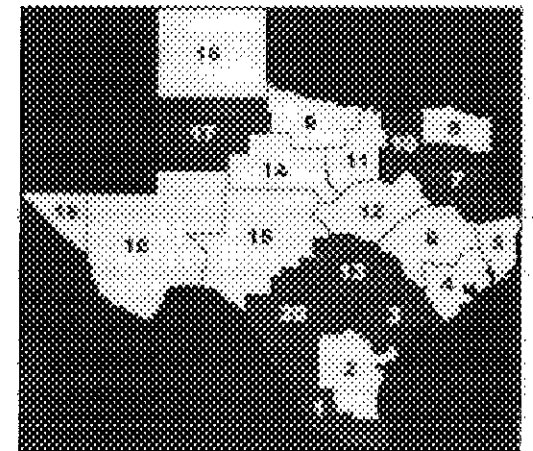
What Teachers are Saying . . .

“It gives a teacher a way to connect real-world problems with new concepts.”

“I enjoy being able to use my time at home for working without having to stay at school.”

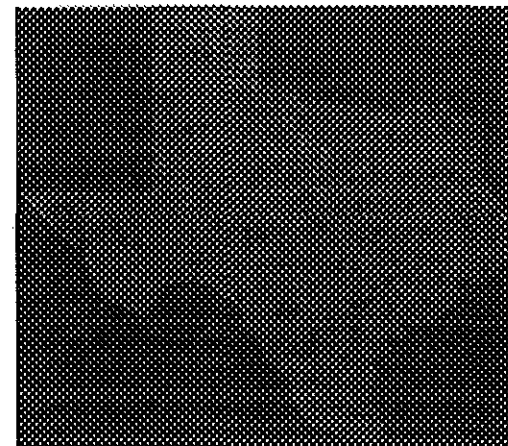
“ . . .this should help with later geometry work for my students.”

“This will help me introduce functions and graphing using charts.”



TPD Online: Reading K-3

- Funding proposal to Telecommunications Infrastructure Board
- Further Collaboration
 - U. T. System
 - Texas Education Agency
 - UT TeleCampus
 - Texas Center for Reading and Language Arts (U. T. Austin)
 - Center for Academic and Reading Skills (U. T. Health Science Center-Houston)



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**U. T. System
Components**

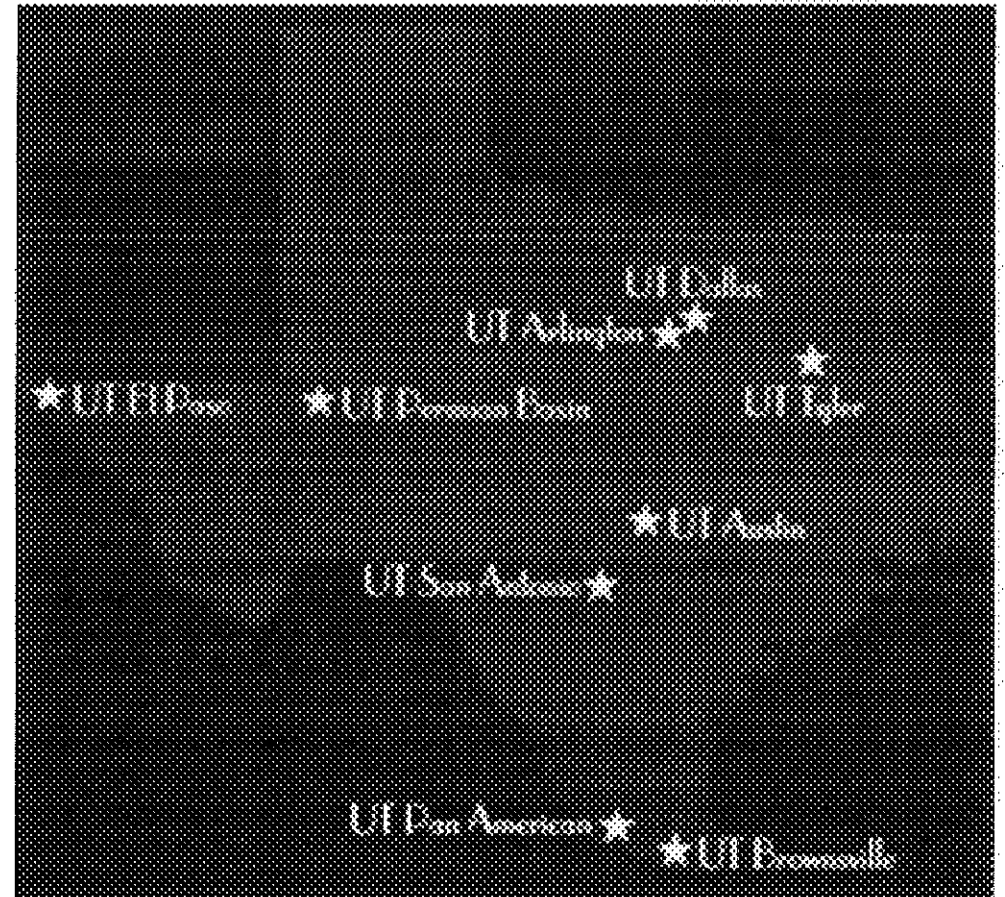
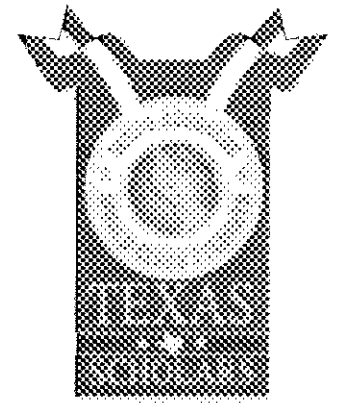
U. T. System

- Educator Professional
Development

- ▶ Outreach

- Quality Control

Beyond U. T. System

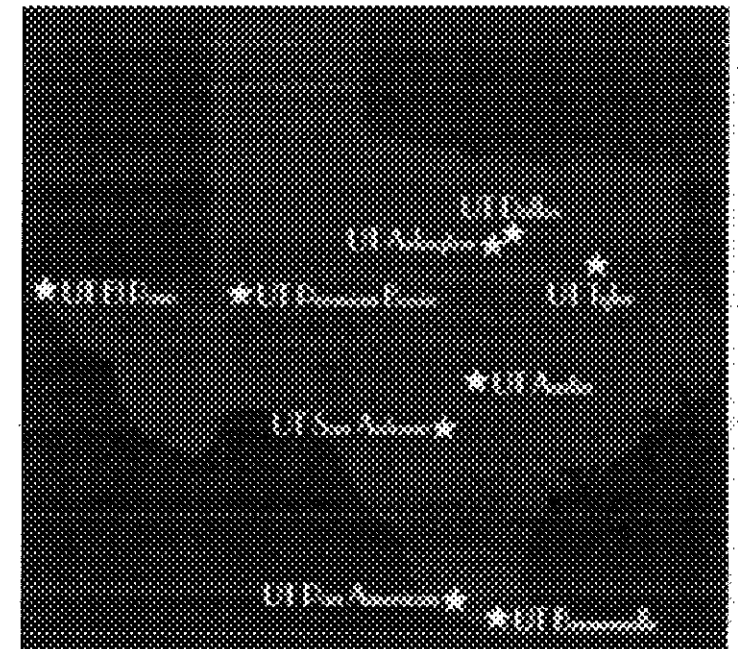


Texas Business & Education Coalition Texas Scholars Program



Work in conjunction with TBEC to disseminate information to students, parents, teachers, and school administrators:

- College preparation standards
- Admission policies
- College placement standards and assessments



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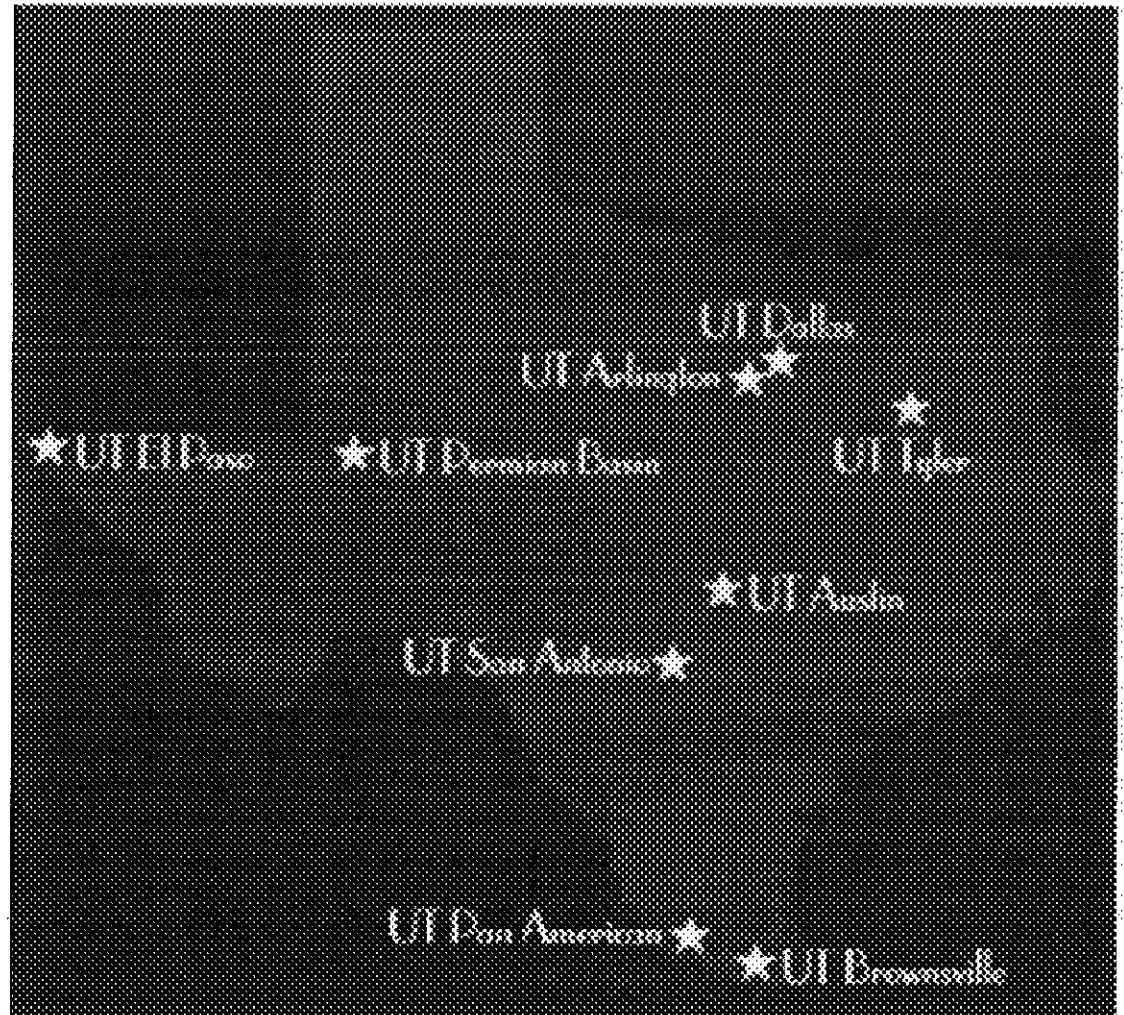
**U. T. System
Components**

U. T. System

- Educator Professional Development
- Outreach
- Quality Control

Beyond U. T. System

U. T. System Superintendents Advisory Group



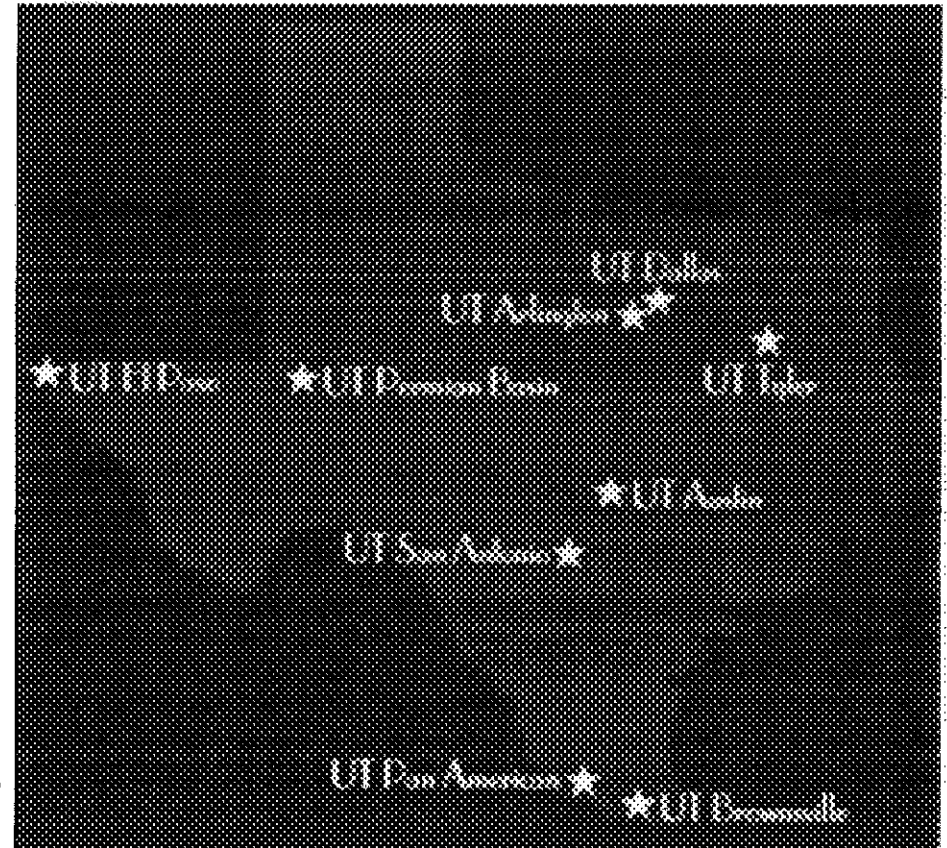
U. T. System Superintendents Advisory Group

Comprised of superintendents from:

- Alamo Heights I.S.D.
- Grand Prairie I.S.D.
- Harlingen I.S.D.
- Hurst-Euless-Bedford I.S.D.
- Laredo I.S.D.
- Midland I.S.D.
- North East I.S.D.
- Rockwall I.S.D.

And representatives from:

- Texas Association of
School Administrators
- Texas Education Agency
- Region 13 Education Service Center



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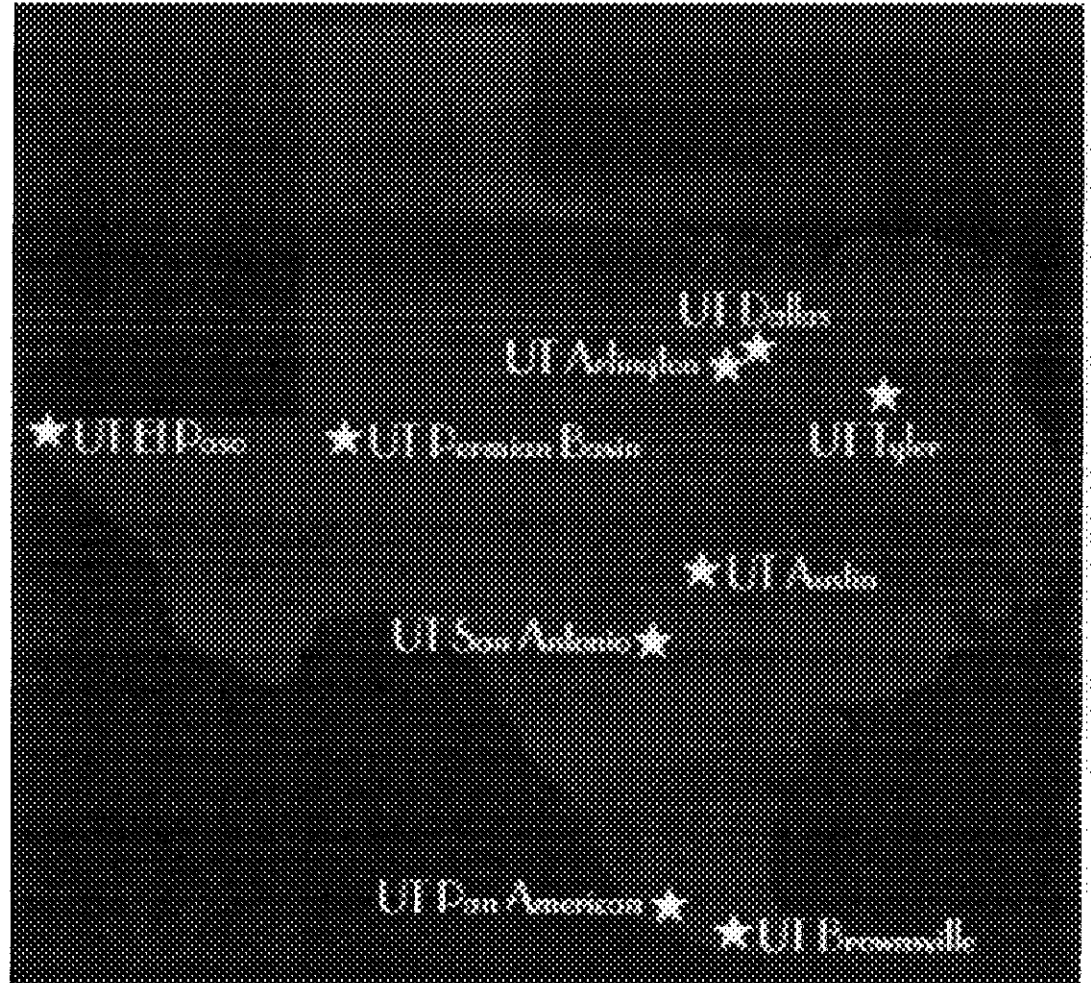
U. T. System
Components

U. T. System

Beyond U. T. System

► *Partnerships

Collaboration and Communication



- ✧ Other university systems
- ✧ Texas Association of Community Colleges
- ✧ Texas Higher Education Coordinating Board
- ✧ Texas Education Agency
 - U.T. System Components participated in the Survey of Proposed Objectives and TEKS Student Expectations for TAAS II Exit-Level Exam
- ✧ State Board for Educator Certification
- ✧ State K-16 Council
- ✧ Minority and community organizations
- ✧ Business organizations
 - Governor's Business Council
 - Participated in recent Texas Mathematics Summit
 - Texas Business and Education Coalition

Collaboration and Communication

