

PRESENTATION TO UT SYSTEM BOARD OF REGENTS

APRIL 10, 1980 BY W H NEDDERMAN

(ON BEHALF OF THE STUDENTS, FACULTY, AND STAFF OF THE UNIVERSITY OF TEXAS AT ARLINGTON, I WELCOME YOU TO OUR CAMPUS. (ON THIS MORNING'S TOUR, YOU SAW OUR PHYSICAL PLANT, -- ~~THE BRICKS AND MORTAR ASPECT OF UTA.~~ (IN THE NEXT ^{Several} ~~Few~~ MINUTES, I HOPE TO GIVE YOU A FEEL FOR ^{the} PROGRAMS AND FOR PEOPLE AT UTA.

(ALTHOUGH WE ARE RELATIVELY YOUNG AS A UNIVERSITY, WE NEVERTHELESS HAVE A LONG ~~LONG~~ TRADITION. (THIS INSTITUTION WAS FOUNDED IN 1895 AS ARLINGTON COLLEGE. (IT BECAME CARLISLE MILITARY ACADEMY IN 1902, ARLINGTON TRAINING SCHOOL IN 1913, ARLINGTON MILITARY ACADEMY IN 1916, AND JOINED THE STATE COLLEGE SYSTEM IN 1917 AS GRUBBS VOCATIONAL COLLEGE, PART OF THE TEXAS A&M SYSTEM. (WE WERE KNOWN AS NORTH TEXAS ~~UNIVERSITY~~ AGRICULTURAL COLLEGE STARTING IN 1923 AND ARLINGTON STATE COLLEGE BEGINNING IN 1949. (THE TRANSITION TO SENIOR COLLEGE STATUS CAME IN 1959, THE CHANGEOVER TO THE UT SYSTEM IN 1965 AND THE FINAL ^{name} CHANGE -- ~~TO~~ TO THE UNIVERSITY OF TEXAS AT ARLINGTON -- IN 1967.

UTA'S BASIC MISSION IS TO PROVIDE A HIGH QUALITY EDUCATION ^{GRADUATE UNDERGRADUATE} TO A BROAD, DIVERSE STUDENT BODY. WE DO THIS THROUGH NINE ACADEMIC UNITS HEADED BY A DEAN OR THE EQUIVALENT:

COLLEGE OF BUSINESS ADMINISTRATION

COLLEGE OF LIBERAL ARTS

COLLEGE OF SCIENCE

COLLEGE OF ENGINEERING

SCHOOL OF NURSING

GRADUATE SCHOOL OF SOCIAL WORK

INSTITUTE OF URBAN STUDIES

CENTER FOR PROFESSIONAL TEACHER EDUCATION

SCHOOL OF ARCHITECTURE AND ENVIRONMENTAL DESIGN

I wish to tell you a little about each
~~of the units and each~~
~~of the units and each~~

EFFORTS AT THE PRESENT TIME

THROUGH THIS COOPERATIVE PROGRAM, ABOUT 130 STUDENTS, MOSTLY AT THE MASTER'S AND PH.D. LEVELS, STUDY THE STRUCTURE AND DEVELOPMENT OF LANGUAGES. STUDENTS COME TO ^{UTA AND TO} THE ILC'S BEAUTIFULLY DEVELOPING CAMPUS FROM THROUGHOUT THE WORLD, AND MOST, AFTER FINISHING THEIR STUDIES, GO WORLD-WIDE ^{leave} ~~HOLDING PRE LITERATE PEOPLES DEVELOP ALPHABETS SO~~ ^{leave in} ~~THAT THEY MAY RECORD TRADITIONS AND FOLKLORE.~~ MORE THAN 650 LANGUAGES AND DIALECTS CURRENTLY ARE BEING STUDIED AND TRANSLATED, AND STUDENTS ARE CARRYING WHAT THEY'VE LEARNED AT UTA AND THE ILC TO EVERY CORNER OF THE GLOBE. THIS AFFILIATION IS A CLASSIC EXAMPLE OF OUR PHILOSOPHY OF CAPITALIZING ON UNIQUELY AVAILABLE RESOURCES TO DEVELOP PINNACLES OF EXCELLENCE.

THE COLLEGE OF SCIENCE NUMBERS 2,484 MAJORS WITHIN ITS SIX DEPARTMENTS AND HAS A FACULTY COMMITTED TO CHALLENGING STUDENTS TO

EXPLORE THEIR WORLD -- ~~TO LOOK AT IT INSIDE OUT AND FIND OUT WHAT MAKES IT TICK~~ -- TO ADD TO MAN'S STORE OF KNOWLEDGE AND TO HIS UNDERSTANDING OF HIS UNIVERSE. OF SPECIAL NOTE WITHIN THE COLLEGE OF SCIENCE IS THE DEPARTMENT OF MATHEMATICS, WHICH, WITHIN A FEW YEARS, HAS RISEN FROM WHAT HAD BEEN PRIMARILY AN UNDERGRADUATE SERVICE DEPARTMENT, TO A HIGHLY RESPECTED CENTER OF MATHEMATICAL SCIENCE. THE CHIEF STRENGTH OF THE DEPARTMENT ^{NATURALLY} IS ITS FACULTY, MANY OF WHOM HAVE ACHIEVED NATIONAL AND INTERNATIONAL REPUTATIONS. IN SUCH FIELDS AS NUMERICAL

~~ANALYSIS, DIFFERENTIAL EQUATIONS, NONLINEAR EQUATIONS, STATISTICS AND --~~

~~INCLUDED IN THEIR EFFORTS~~ A COOPERATIVE PROGRAM WITH THE UT HEALTH SCIENCE CENTER IN DALLAS --

~~COMPUTERIZED MODELING TO AID IN MEDICAL TREATMENT AND RESEARCH.~~ THE PRESTIGIOUS "INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS" IS HEADQUARTERED AT UTA AND IS EDITED BY DEPARTMENT CHAIRMAN VANGIPUR LAKSHMIKANTHAM. THE RESEARCH CENTER FOR ADVANCED STUDIES PROVIDES A FORUM FOR FACULTY AND GRADUATE STUDENTS FROM ALL DISCIPLINES TO SHARE IDEAS IN AREAS OF RESEARCH THAT INVOLVE MATHEMATICAL SCIENCES.

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THE CENTER PUBLISHES ITS FINDINGS IN A SERIES OF TECHNICAL REPORTS TO ABOUT 200 AMERICAN AND FOREIGN INSTITUTIONS. BUT TEACHING IS BY NO MEANS IGNORED, AND THE DEPARTMENT PROVIDES AND STAFFS A MATH CLINIC OPEN TO ALL UNIVERSITY STUDENTS NEEDING HELP WITH THEIR COURSES. ANOTHER INNOVATION IS A PROGRAM OF SELF-PACED, PERSONALIZED INSTRUCTION. ~~IN ANALYTICAL GEOMETRY, ALGEBRA, TRIGONOMETRY AND BUSINESS MATH.~~ TRULY, DEPT 7 MATHEMATICS STANDS AS A PRIME EXAMPLE OF WHAT A SINGLE DEPARTMENT CAN ACHIEVE, *in a relatively short period of time.*

THE COLLEGE OF ENGINEERING HAS A UNIQUE MISSION AS THE ONLY STATE-SUPPORTED ENGINEERING COLLEGE IN THE NORTH TEXAS AREA. ENGINEERING, WITH PROGRAMS ~~IN INDUSTRIAL, MECHANICAL, ELECTRICAL, AEROSPACE, CIVIL, AND COMPUTER SCIENCE~~ THROUGH THE PH.D. LEVEL, IS ONE OF THE FASTEST-GROWING OF UTA'S ACADEMIC UNITS, HAVING INCREASED MORE THAN 55 PERCENT IN THE PAST FIVE YEARS TO 3,316 MAJORS. *THE NUMBER OF GRADUATES PROVIDED ANNUALLY IS EXCEEDED ONLY BY UT AND TEXAS A&M IN THE U.S.* ITS ENERGY SYSTEMS RESEARCH CENTER IS WIDELY ACKNOWLEDGED AS ONE OF THE TOP THREE OR FOUR *SYSTEMS PROGRAMS OF ITS KIND* POWER RESEARCH FACILITIES IN THE UNITED STATES, AND ITS DIRECTOR, DR. MO-SHING CHEN, WAS HONORED AS THE FIRST RECIPIENT OF THE EDISON ELECTRIC INSTITUTE'S POWER ENGINEERING EDUCATOR OF THE YEAR AWARD. *IN A NATIONWIDE COMPETITION.*

THE CENTER, WHICH ATTRACTS ABOUT A QUARTER-MILLION DOLLARS ANNUALLY IN OUTSIDE FUNDING, WORKS IN TWO PRIMARY AREAS -- *GENERATION AND* POWER DISTRIBUTION RESEARCH AIMED AT PREVENTING WHAT HAPPENED TO NEW YORK CITY IN JULY OF 1977, AND A PROGRAM INVOLVING ELECTRIC POWER COMPANIES NATIONWIDE THAT ~~COULD~~ *may* SOMEDAY ALLOW THOSE COMPANIES AND OTHERS TO SUPPLY AS MUCH ENERGY AS THEY DO TODAY AT *a GREATLY reduced* ~~HALF THE~~ COST. *ONLY* IT IS AT THE POWER SOURCE, NOT AT THE LIGHT SWITCH, THE CENTER FEELS, WHERE ENERGY *efficiency* ~~CONSERVATION~~ CAN BEST BE APPLIED.

ANOTHER HIGHLIGHT OF THE COLLEGE OF ENGINEERING IS THE ELECTRONIC MATERIALS AND DEVICE ENGINEERING LABORATORY. LESS THAN FIVE YEARS OLD, THE LABORATORY CONSISTS OF THREE FACULTY MEMBERS AND 11 *GRADUATE* STUDENTS DOING STATE-OF-THE-ART RESEARCH IN DEVELOPING MATERIALS AND DEVICES USED IN MICROWAVE SYSTEMS -- PARTICULARLY IN COMMUNICATIONS AND RADAR.

~~WORKING UNDER CONTRACTS OF ABOUT \$126,000 A YEAR,~~ ^{many} ~~20~~ THE LAB HAS PRODUCED TECHNICAL PAPERS AND HAS ALSO SUCCEEDED IN PRODUCING RESEARCH-GRADE MATERIALS IN DEMAND BY SUCH COMMERCIAL ENTERPRISES AS LOCKHEED AND WESTINGHOUSE.

ALSO HAVING A UNIQUE ROLE AND MISSION AT UTA IS OUR INSTITUTE OF URBAN STUDIES, MANDATED IN 1967 BY THE TEXAS LEGISLATURE, WHICH RECOGNIZED THE INCREASINGLY URBAN CHARACTER OF THE STATE'S POPULATION AND AUTHORIZED UTA TO ENGAGE IN ACADEMIC ~~EDUCATION~~, RESEARCH AND SERVICE PROGRAMS WORKING TOWARD THE BETTERMENT OF URBAN LIFE. WITH 621 STUDENTS, THE INSTITUTE IS COMPOSED OF THREE DIVISIONS. URBAN AND REGIONAL AFFAIRS HAS THE RESPONSIBILITY OF ~~TRAINING~~ ^{EDUCATING} MEN AND WOMEN FOR CAREERS IN URBAN PUBLIC SERVICE. THE PROGRAM COMBINES THE ACQUISITION OF SKILLS IN THE CLASSROOM WITH THEIR ACTUAL IMPLEMENTATION IN THE COMMUNITY. ~~STUDENTS BECOME INVOLVED IN POLICY ANALYSIS AND ACTUAL FORMATION OF POLICY IN SUCH AREAS AS EQUAL OPPORTUNITY, ORDERLY GROWTH AND DELIVERY OF SERVICES.~~ THE CRIMINAL JUSTICE DIVISION WAS DESIGNED TO EDUCATE PROFESSIONALS TO ASSUME A VARIETY OF POSITIONS WITHIN THE CRIMINAL AND JUVENILE JUSTICE SYSTEMS OF TEXAS. ~~EMPHASIS IS ON FIELD EXPERIENCE, BOTH FOR FACULTY AND STUDENTS.~~ MANY FACULTY MEMBERS ARE CURRENT OR FORMER CRIMINAL JUSTICE PROFESSIONALS, AND MOST STUDENTS COMPLETE AN INTERNSHIP IN A METROPLEX AGENCY. BUT, IN ADDITION TO SERVING ITS STUDENTS, THE INSTITUTE OF URBAN STUDIES SERVES THE ^{State} COMMUNITY THROUGH ITS RESEARCH AND SERVICE DIVISION, DESIGNED TO CONDUCT URBAN POLICY STUDIES DIRECTED TOWARD SPECIFIC NEEDS, TO PROVIDE TECHNICAL AND ADVISORY SERVICES TO PUBLIC ORGANIZATIONS, AND TO DEVELOP EDUCATIONAL PROGRAMS FOR COMMUNITY LEADERS, PUBLIC OFFICIALS, AND PRIVATE CITIZENS.

IN 1975, THE ARCHITECTURE DEPARTMENT IN THE COLLEGE OF LIBERAL ARTS WAS MADE A SEPARATE ENTITY AS THE SCHOOL OF ARCHITECTURE AND ENVIRONMENTAL DESIGN. THE SCHOOL, WITH NEARLY 1,000 STUDENTS, IS THE THIRD-LARGEST IN

TEXAS AND REPRESENTS A UNIQUE MISSION IN NORTH TEXAS. THE SCHOOL OFFERS A BACHELORS DEGREE PROGRAM PLUS THREE MASTER'S DEGREE PROGRAMS. ARCHITECTURE DRAWS ITS STUDENTS FROM OVER THE NATION AS WELL AS FROM SEVERAL FOREIGN COUNTRIES. THE SCHOOL MAINTAINS AN "ARCHITECT IN RESIDENCE" PROGRAM WITH REPRESENTATIVES FROM COUNTRIES SUCH AS ISRAEL, AUSTRIA AND ENGLAND, ^{spending 9 year on campus} AND BRINGING TO THE SCHOOL A WIDE VARIETY OF EXPERTISE. THE ^{EMPHASIS} ACCENT IN THE SCHOOL OF ARCHITECTURE IS ^{both theoretical and the} ON THE PRACTICAL. ~~A BUILDING SHOULD BE ATTRACTIVE, BUT IT SHOULD ALSO BE LIVABLE AND OF INCREASING CONCERN IN THESE DAYS OF HIGH CONSTRUCTION AND ENERGY COSTS IT SHOULD BE AFFORDABLE?~~ A MAJOR FOCUS OF THE ARCHITECTURE FACULTY AND STUDENTS IS ON ENERGY SAVINGS. PASSIVE SOLAR TECHNIQUES ARE BEING IMPLEMENTED TO TRAP AND USE HEAT FROM THE SUN, ^{keep} AND TO KEEP SUNSHINE FROM MAKING AIR CONDITIONERS WORK HARDER IN THE SUMMER. THE HOUSING RESEARCH AND DESIGN CENTER IS STUDYING WAYS TO HELP BRING DOWN THE SOARING COST OF HOUSING AND ALSO IS WORKING ON ENERGY CONSERVATION THROUGH AN INVESTIGATION OF THE INSULATION PROPERTIES OF VARIOUS MATERIALS. IN THE FIELD OF ACTIVE SOLAR ENERGY DEVICES, THE SCHOOL OF ARCHITECTURE, IN COOPERATION WITH THE COLLEGE OF ENGINEERING, DESIGNED AND BUILT THE FIRST SINGLE-FAMILY DWELLING IN TEXAS TO BE HEATED AND COOLED WITH SOLAR POWER.

ONE OF THE MOST PEOPLE-ORIENTED UNITS OF UTA IS THE SCHOOL OF NURSING, WHICH BECAME PART OF THE UNIVERSITY IN 1976. THERE IS A CRITICAL SHORTAGE OF HEALTH CARE PROFESSIONALS IN TEXAS, BUT UTA IS HELPING TO FILL THE NEED, RANKING SECOND IN THE STATE IN THE NUMBER OF NURSING GRADUATES PROVIDED ANNUALLY. GROUND ^{is ready to be} WAS RECENTLY BROKEN ^{FOR} ON A NEW BUILDING TO HOUSE THE SCHOOL OF NURSING -- A PIVOTAL STEP CONSIDERING THE 18 PERCENT JUMP IN ENROLLMENT IN THE PAST TWO YEARS. WHILE THE CURRICULUM GOES THROUGH THE MASTER'S LEVEL, COMPLETE WITH TRAINING IN ADMINISTRATION AND RESEARCH, THE EMPHASIS REMAINS ON PEOPLE. ABOUT 90 PERCENT OF UTA'S NURSING GRADUATES GO INTO PATIENT CARE.

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WE HAVE NO COLLEGE OF EDUCATION; WE HAVE NO DEGREE PROGRAMS -- UNDERGRADUATE OR GRADUATE -- IN EDUCATION. **INSTEAD**, OUR TEACHER TRAINING PROGRAM IS CONTENT-ORIENTED, WITH EMPHASIS MORE ON TRAINING THE TEACHER IN WHAT IS TO BE TAUGHT THAN THE METHODS BY WHICH IT IS TAUGHT.

A PARTNER OF ALL THE ACADEMIC COMPONENTS OF UTA IS YET A 10TH UNIT, THE GRADUATE SCHOOL. THIS UNIVERSITY OBTAINED GRADUATE PROGRAMS ONLY AFTER BECOMING PART OF THE UNIVERSITY OF TEXAS SYSTEM AND HAS PHASED IN 38 MASTER'S DEGREE PROGRAMS SINCE 1966 AND SIX PH.D. PROGRAMS SINCE 1969. **GRADUATE** EDUCATION HAS BEEN ANOTHER AREA OF RAPID GROWTH, AND APPROXIMATELY ONE OF EVERY SIX UTA STUDENTS IS PURSUING STUDIES AT THE POST-BACCALAUREATE LEVEL.

ONE OF OUR GREATEST ATTRIBUTES IS OUR STRATEGIC LOCATION -- IN THE HEART OF A BOOMING METROPLEX; WE ARE ACCESIBLE TO PEOPLE. WE REGARD THE GREAT COMMUNITY AROUND US AS OUR LABORATORY; SOMETHING TO BE INTERACTED WITH; SOMETHING TO ADD RELEVANCE TO ACADEMIC EFFORTS; SOMETHING TO SERVE; SOMETHING TO DRAW STRENGTH FROM.

EXAMPLES OF THE ADVANTAGES AND CONVENIENCES OF THE CLOSE PROXIMITY TO THE METROPLEX ARE COUNTLESS:
As IT AFFECTS OUR STUDENTS

PART-TIME EMPLOYMENT FOR STUDENTS;

COOPERATIVE WORK PLANS WITH INDUSTRY AND BUSINESS;

CLINICAL EXPERIENCE FOR NURSING STUDENTS IN AREA HOSPITALS;

FIELD PLACEMENT EXPERIENCE FOR SOCIAL WORK STUDENTS

IN TEACHER EDUCATION, PRACTICE TEACHING IN AREA SCHOOLS;

IN THE ARTS, CLOSE TIES WITH ~~THE KIMBELL ART MUSEUM~~, SYMPHONY ORCHESTRAS, ETC.

CRIMINAL JUSTICE STUDENTS SERVING INTERNSHIPS WITH LAW ENFORCEMENT AGENCIES;

AND THE LIST COULD GO ON AND ON . . .

YOU'VE SEEN OUR PHYSICAL PLANT; WE'VE TOLD YOU ABOUT OUR QUALITY ACADEMICS AND PRIME LOCATION. IT ALL ADDS UP TO A STEADY AND SOMETIMES SPECTACULAR GROWTH IN ENROLLMENT. FROM 16,309 IN THE FALL OF 1975 TO 16,745 IN 1976 . . . 17,201 IN 1977 . . . 18,261 IN 1978 . . . TO 19,138 THIS PAST FALL. OVER THE PAST FIVE YEARS, UTA'S ENROLLMENT HAS INCREASED 23.9 PERCENT, AND THE END IS NOT IN SIGHT. WE ARE THE SECOND-LARGEST COMPONENT OF THE UT SYSTEM. WE ARE THE FIFTH-LARGEST SENIOR COLLEGE IN TEXAS, AND WE FEEL THE DAY IS NOT TOO FAR OFF WHEN WE'LL BECOME NUMBER FOUR.

SO FAR, I'VE BEEN BRAGGING ON UTA -- NOT WITHOUT SOME JUSTIFICATION, I THINK. BUT WE ARE NOT WITHOUT PROBLEMS. FORTUNATELY, MOST OF THESE ARE THE KIND ^{ONE} ~~YOU~~ ALMOST WELCOME, BECAUSE THEY'RE THE PROBLEMS THAT COME WITH GROWTH ^{and Development.} EVER SINCE THE UNIVERSITY BEGAN EXPANDING RAPIDLY IN THE 1960s, IT HAS BEEN PLAYING CATCH-UP AS FAR AS ACADEMIC SPACE AND SUPPORT FACILITIES ARE CONCERNED. ~~WE HAVE GOOD PEOPLE. WE HAVE GOOD PROGRAMS. WE HAVE AN OBLIGATION TO PUT THEM TOGETHER IN GOOD FACILITIES.~~

THE STATE AVERAGE FOR EDUCATIONAL AND GENERAL SPACE IS 113 SQUARE FEET PER FULL-TIME STUDENT EQUIVALENT. UTA HAS 92. PRESSURE POINTS HAVE ALREADY DEVELOPED IN THE FINE ARTS BUILDING AND IN ENGINEERING. YET, WITH THE NEW NURSING BUILDING SOON TO BE CONSTRUCTED, UTA IS AT THE END OF THE LINE FOR CONSTRUCTION MONEY UNTIL THE LEGISLATURE SEES FIT TO ACT. *MOST CRITICAL!!!, To The Future of UTA*

OF GREAT CONCERN IS ON-CAMPUS HOUSING, OR THE LACK THEREOF, IN FEBRUARY 1978, THIS BOARD APPROVED IN PRINCIPLE THE GOAL OF HAVING ON-CAMPUS HOUSING FOR 15 PERCENT OF UTA'S STUDENT BODY. OUR PRESENT ON-CAMPUS HOUSING ACCOMODATES ABOUT 1,400 STUDENTS. THE NEW STUDENT HOUSING COMPLEX SOON TO BE STARTED WILL HOLD APPROXIMATELY 260 MORE. BUT EVEN IF THE NEW FACILITY WERE NOW READY AND OCCUPIED, THE TOTAL OF 1,660 STUDENTS WOULD REPRESENT ONLY 8.4 PERCENT OF OUR ENROLLMENT.

THE DEMAND IS ^{HERE} THERE. ^{IN MAY, 1979,} THE WAITING LIST FOR ON-CAMPUS HOUSING CURRENTLY ^{NUMBERED 900} HAS ABOUT 300 NAMES. ~~THE LIST OF THOSE WANTING IN UNIVERSITY-OWNED HOUSING AROUND THE CAMPUS NUMBERS ABOUT 500. AGAIN, WE HAVE A LONG WAY TO GO.~~ WE HAVE A LONG WAY TO GO.

AS THE CAMPUS HAS EXPANDED, WE HAVE FOUND OURSELVES MORE AND MORE CUT IN HALF BY COOPER STREET -- THE FOUR-LANE STATE HIGHWAY THAT RUNS THROUGH THE HEART OF THE CAMPUS. THE VOLUME OF PEDESTRIAN TRAFFIC CROSSING COOPER STREET GROWS EACH YEAR AS STUDENTS CROSS TO THE FINE ARTS BUILDING, DAVIS HALL, THE UNIVERSITY BOOKSTORE, AND THE ACTIVITIES BUILDING -- NONE OF WHICH WAS IN EXISTENCE 10 YEARS AGO. IT IS MORE THAN A NUISANCE; IT IS DANGEROUS. WE FEEL THE ONLY SOLUTION WILL BE TO DEPRESS THE STREET AND BUILD WIDE WALKWAYS OVER IT TO LINK THE TWO SIDES OF THE CAMPUS AND ENSURE THE SAFETY OF OUR STUDENTS.

BUT NOW, I WANT TO TELL YOU MORE ABOUT PEOPLE BY TAKING A CLOSE LOOK AT UTA STUDENTS. WE ARE OFTEN VIEWED AS A COMMUTER INSTITUTION. HOWEVER, SURVEYS SHOW THAT APPROXIMATELY 54 PERCENT OF OUR STUDENTS LIVE IN ARLINGTON. WHILE ONLY 1,400 LIVE ON CAMPUS, SEVERAL THOUSAND ARE HOUSED IN APARTMENT COMPLEXES, MANY IN THE VICINITY OF THE CAMPUS. HENCE, WE CONSIDER OURSELVES APPROXIMATELY ONE-HALF COMMUTER AND ONE-HALF RESIDENT.

HOW DO OUR STUDENTS COME TO US? ^(a) ~~THE~~'S THE RECENT HIGH SCHOOL GRADUATE -- ABOUT 2,200 A YEAR. ^(b) ~~WE HAVE ABOUT 3,500~~ ~~THE~~ JUNIOR COLLEGE TRANSFER ^{- about 35 each Fall} EACH YEAR. ~~UTA IS IN THE HEART OF JUNIOR COLLEGE COUNTRY.~~

^(c) ~~THE~~ INTERNATIONAL STUDENTS -- 1,501 LAST FALL FROM 77 COUNTRIES. ^(d) ~~THE~~ PROFESSIONALS ^{INTRODUCED} SEEKING TO UPGRADE OR REDIRECT CAREERS, ^(e) ~~THE~~ AND OLDER STUDENTS WHO ^{HAS} HAVE BEEN OUT OF SCHOOL A SIGNIFICANT PERIOD OF TIME -- NOW COMING BACK FOR ENRICHMENT OR TO DEVELOP JOB MARKETABILITY. IT'S A DIVERSE STUDENT BODY WITH DIVERSE NEEDS, HENCE WE SCHEDULE CLASSES FROM 8 A.M. TO 10 P.M. IT'S A WORKING-CLASS STUDENT BODY, WITH APPROXIMATELY 80 PERCENT WORKING SOME DURING THE YEAR.

OUR STUDENTS ARE GOAL-ORIENTED. THEY KNOW WHAT THEY WANT AND ARE WILLING TO WORK FOR IT. WE HAVE A TRULY GREAT STUDENT BODY.

WE RECOGNIZE THAT SOME STUDENTS NEED ACADEMIC ASSISTANCE, AND ONE WAY WE PROVIDE IT IS THROUGH PROJECT SOAR -- STUDENTS OBTAINING ACADEMIC READINESS. THIS SUPPORT PROGRAM PROVIDES FREE TUTORING SERVICES ^{in various disciplines} ~~IN ENGLISH, MATH, SCIENCE, FOREIGN LANGUAGE AND OTHER COURSES~~ TO THOSE STUDENTS WHO, FOR SOME REASON, ARE DEFICIENT IN SECONDARY SCHOOL PREPARATION. THE SOAR PROGRAM, NOW IN ITS FOURTH YEAR, AIDS ABOUT 600 STUDENTS ANNUALLY. THE SCIENCE LEARNING CENTER YOU SAW THIS MORNING, THE MATH CLINIC, AND OTHERS, ARE AMONG SEVERAL PROGRAMS DESIGNED TO HELP STUDENTS ACADEMICALLY.

UTA HAS ONE OF THE MOST COMPREHENSIVE PROGRAMS OF ANY EDUCATIONAL INSTITUTION IN AIDING THE HANDICAPPED. THE 145 STUDENTS WHO COME UNDER THE FEDERAL DEFINITION OF HANDICAPPED RECEIVE SUCH SERVICES AS NOTE TAKERS, READERS FOR THE BLIND, INTERPRETERS FOR THE HEARING-IMPAIRED, AND EVEN LIVE-IN ATTENDANT CARE. THERE IS A VARIED PHYSICAL EDUCATION PROGRAM, AND UTA HAS BEEN HONORED IN THE PAST FOR ITS EFFORTS TO MAKE ALL ITS FACILITIES AVAILABLE TO ALL ITS STUDENTS -- LONG BEFORE SUCH AIDS FOR THE HANDICAPPED WERE MANDATORY.

IT IS OUR BELIEF THAT A COLLEGE EDUCATION SHOULD BE DENIED TO NO ONE BECAUSE OF COST AND SHOULD BE WITHIN THE REACH OF ANY QUALIFIED STUDENT. OUR FINANCIAL AID OFFICE HAS A FULL RANGE OF LOANS, GRANTS, SCHOLARSHIPS AND WORK-STUDY PROGRAMS. THE NUMBER OF STUDENTS TAKING ADVANTAGE OF THE OFFICE HAS INCREASED STEADILY. LAST YEAR, ONE OF EVERY SEVEN FULL-TIME UTA STUDENTS RECEIVED SOME FORM OF FINANCIAL AID.

BUT PERHAPS THE BEST SERVICE WE CAN OFFER OUR STUDENTS IS A HIGHLY QUALIFIED, DEDICATED, FACULTY WHOSE MEMBERS ARE COMMITTED TO TEACHING, RESEARCH, AND SERVICE. WE HAVE TRIED HARD TO ACHIEVE A DIVERSITY OF FACULTY -- TO BRING TO UTA SOME OF THE FINEST MINDS FROM ACROSS THE NATION AND AROUND THE WORLD. AND IT WOULD SEEM WE'RE SUCCEEDING.

IN A RECENT INTERIM REPORT TO THE SOUTHERN ASSOCIATION OF SCHOOLS AND COLLEGES, WE WERE ABLE TO SAY THAT THE 127 DOCTORAL FACULTY RECRUITED AND RETAINED IN THE PAST FIVE YEARS CAME FROM 63 DIFFERENT INSTITUTIONS. ADDITIONALLY, NEARLY 80 PERCENT OF FOUR FULL-TIME TENURED AND TENURE-EARNING FACULTY HAVE THE TERMINAL DEGREE IN THEIR FIELDS.

WE SOMETIMES SAY THAT THE ONLY THING CONSTANT ABOUT UTA IS CHANGE, AND MOST OF THAT CHANGE, BY FAR, HAS BEEN FOR THE BETTER. WE ARE A "POSITIVE SLOPE" INSTITUTION IN SEVERAL IMPORTANT WAYS.

IN ENROLLMENT, AS YOU'VE SEEN, THE STORY HAS BEEN ONE OF CONSTANT GROWTH.

OUTSIDE FUNDING THROUGH GRANTS AND CONTRACTS ALSO HAS RISEN SPECTACULARLY -- FROM \$1 MILLION IN 1971-72 TO \$10 MILLION IN 1978-79, WITH A HEALTHY INCREASE EACH YEAR. IN THAT SAME TIME FRAME, THE NUMBER OF GRANTS AND CONTRACTS AWARDED WENT FROM 15 TO 125.

OUR ENRICHMENT GIVING, SO VITAL IN PROVIDING A MARGIN OF EXCELLENCE, HAS GONE FROM \$300,000 IN 1975, ~~THE FIRST YEAR OF OPERATION FOR OUR SPECIAL DEVELOPMENT~~, TO MORE THAN \$1.2 MILLION IN 1979. AND THE FIRST HALF OF THE CURRENT SCHOOL YEAR SHOWS A 60 PERCENT INCREASE IN GIVING OVER LAST YEAR. EXCEPT FOR 1977, IN WHICH WE RECEIVED TWO UNUSUALLY LARGE GIFTS, THE TREND HAS BEEN ONE OF YEAR-BY-YEAR IMPROVEMENT. AND THE NUMBER OF DONORS HAS INCREASED FROM 293 TO 1,746.

THE LIBRARY, A TRADITIONAL METHOD OF CHARTING THE PROGRESS OF A UNIVERSITY, ALSO SHOWS A STEADY UPWARD SLOPE. FROM TOTAL HOLDINGS OF 166,000 VOLUMES IN 1965, WHEN WE CAME UNDER THE UT SYSTEM, THE LIBRARY HAS GROWN TO 707,000 VOLUMES AT THE END OF THE 1978-79 SCHOOL YEAR -- AN INCREASE OF ABOUT 350 PERCENT. IN ADDITION WE HAVE ACCESS TO 3.5 million volumes in the Metroplex thru cooperative arrangements with other university libraries.

THE AMOUNT OF FINANCIAL AID AWARDED TO STUDENTS HAS GONE FROM \$1.6 MILLION IN 1975 TO \$4.6 MILLION IN 1979, AND THERE HAS BEEN A 48 PERCENT INCREASE IN THE NUMBER OF STUDENTS RECEIVING AID OVER THOSE YEARS.

ALL THESE THINGS ARE EASY TO QUANTIFY, BUT THERE ARE OTHER ASPECTS, PERHAPS EQUALLY IMPORTANT, THAT ARE IMPOSSIBLE TO PUT ON A GRAPH OR CHART. COLLEGE IS MORE THAN LECTURES AND LABS; IT'S ALSO WHAT WE'LL REMEMBER LONG AFTER WE FORGET THOSE WHO TAUGHT US AND MOST OF WHAT THEY'VE TAUGHT US, AS WELL. WE AT UTA REALIZE THAT EDUCATION DOESN'T HAPPEN ONLY IN THE CLASSROOM. AND IN THESE AREAS, TOO, WE HAVE OUR PINNACLES OF EXCELLENCE.

WITHIN THE DEPARTMENT OF INTERCOLLEGIATE ATHLETICS IS THE WOMEN'S VOLLEYBALL TEAM, WINNER OF FIVE OF THE LAST SEVEN STATE CHAMPIONSHIPS, AND RANKED AMONG THE NATION'S TOP 10 TEAMS THREE OF THE PAST FOUR YEARS.

IN CONJUNCTION WITH THE PROGRAM OF PHYSICAL EDUCATION FOR THE HANDICAPPED, UTA SPONSORS A WHEELCHAIR BASKETBALL TEAM — THE FREEWHEELERS — WHICH NOW HAS WON THREE CONSECUTIVE STATE CHAMPIONSHIPS.

WE HAVE WHAT SURELY IS THE BEST AND MOST VARIED INTRAMURALS AND RECREATION PROGRAM OF ANY UNIVERSITY IN THE STATE. LAST YEAR, 821 TEAMS PLAYED 2,064 GAMES, AND THERE WERE MORE THAN 80 OFFERINGS RANGING FROM FOOTBALL TO FENCING.

THE UTA DEBATE TEAM IS THE ONLY ONE FROM TEXAS TO QUALIFY FOR THIS YEAR'S NATIONAL TOURNAMENT, AND HAS GONE TO THE TOURNAMENT THREE OF THE LAST FOUR YEARS. THE DEBATERS WERE FIFTH THIS YEAR AT THE DISTRICT TOURNAMENT, WHICH DREW ABOUT 200 TEAMS FROM A SIX-STATE AREA.

THE STUDENT NEWSPAPER, THE SHORTHORN, HAS EARNED ALL-AMERICA DESIGNATION 16 STRAIGHT SEMESTERS AND LAST YEAR WAS NAMED BY SIGMA DELTA CHI AS THE BEST CAMPUS PAPER IN TEXAS AND OKLAHOMA. ~~IT WAS ALSO NAMED BEST NEWSPAPER AT LAST YEAR'S TEXAS INTERCOLLEGIATE PRESS ASSOCIATION MEETING, AND SHORTHORN STAFF MEMBERS COLLECTED MORE THAN 55 INDIVIDUAL AWARDS.~~

THE ARMY R.O.T.C. PROGRAM, WITH MORE THAN 400 STUDENTS, IS THE SECOND-LARGEST IN THE STATE. AND UTA COMMISSIONS AROUND 35 TO 40 OFFICERS ANNUALLY, MORE THAN ANY OTHER TEXAS COLLEGE EXCEPT TEXAS A&M. R.O.T.C.'S SAM HOUSTON RIFLES DRILL TEAM -- THE JODIES -- IS DEFENDING CHAMPION OF THE FIVE-STATE SOUTHWEST INVITATIONAL COMPETITION AND WAS SELECTED TO REPRESENT TEXAS IN THIS YEAR'S MARDI GRAS PARADE IN NEW ORLEANS.

THE SPECIAL COLLECTIONS DIVISION WITHIN THE UTA LIBRARY HOUSES THE JENKINS GARRETT LIBRARY. THIS FACILITY, MADE POSSIBLE THROUGH THE GENEROSITY OF MR. GARRETT, A FORMER MEMBER OF THE BOARD OF REGENTS, HOUSES SOUTHWEST AND TEXANA MATERIALS AND IS RATED ^{ONE OF} THE BEST RESEARCH LIBRARIES IN THE WORLD ON THE MEXICAN WAR ERA.

UTA IS THE CULTURAL CENTER OF ARLINGTON, SHARING WITH THE COMMUNITY OUR FINE PRODUCTIONS AND EXHIBITS IN MUSIC, ART, AND DRAMA. THE UTA JAZZ ORCHESTRA IS ONE OF THE FINEST IN THE NATION. ITS MUSIC HAS BEEN ENJOYED AT FESTIVALS IN SWITZERLAND AND BRAZIL AND WILL BE HEARD NEXT MONTH AT A JAZZ FESTIVAL IN THE BAHAMAS.

THE CURTAIN CALL PROGRAM IS A TOWN-AND-GOWN EFFORT, BRINGING THE BEST IN ENTERTAINMENT, FINE ARTS, AND LECTURE PROGRAMS TO THE CAMPUS. AND WHEN YOU'VE HAD ABOUT ALL THE CULTURE YOU CAN STAND, THERE'S ALWAYS THE DRY GULCH, THE CAMPUS PUB IN THE BASEMENT OF THE UNIVERSITY CENTER.

WITH MORE THAN 150 STUDENT ORGANIZATIONS, THERE'S SOMETHING FOR EVERYONE -- FROM TRADITIONAL GREEK-LETTER FRATERNITIES AND SORORITIES TO LITERARY AND MEDITATION SOCIETIES.

IT'S AN EXCITING, DYNAMIC PLACE -- UTA. AND WE WANT OUR GRADUATES TO BE ABLE TO LOOK BACK AND REMEMBER IT AS A PLACE WHERE THERE WAS FUN, AS WELL AS ACADEMIC CHALLENGES TO BE MET AND MASTERED. THIS, THEN, IS THE UNIVERSITY OF TEXAS AT ARLINGTON -- INVOLVED WITH TODAY, WORKING WITH TOMORROW.

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