

NEWS RELEASE

TEXAS TECH
University & Health Sciences Center

News and Publications

Lubbock, TX 79409-2022

(806) 742-2136

FAX (806) 742-1615

FOR IMMEDIATE RELEASE

REF: 1-6-11-90

CONTACT: News & Publications

LUBBOCK -- More than 1,400 students at Texas Tech University received degrees in spring 1990 commencement exercises.

Degree recipients included:

NEWS RELEASE

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REF: 2-6-11-90

CONTACT: News & Publications

LUBBOCK -- More than 2,000 Texas Tech University students qualified for the academic honors lists at the end of the 1990 spring semester.

Students on the President's Honor List earned a perfect 4.0 (A) grade-point-average while enrolled in 12 or more semester hours of class work. Students finishing 12 or more hours with a grade-point-average of 3.5 to 3.9 qualified for the Dean's Honor List.

Students making the honor rolls included the following:

News and Publications

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FOR IMMEDIATE RELEASE
REF: 3-6-11-90
CONTACT: Chris Patterson

LUBBOCK -- Representatives of the Panhandle-South Plains Fair Association on Thursday (June 14) presented a \$10,000 scholarship donation to the Texas Tech University College of Agricultural Sciences.

The Panhandle-South Plains Fair, a non-profit organization, was started in 1914 and was chartered by the state in 1920. Its purpose is to promote agriculture and livestock production, to support youth education and to provide an entertainment medium for the people of West Texas.

Since 1972, the Fair Association has made contributions of \$226,100 for agricultural scholarships and in support of education. These funds have been distributed to 4-H and FFA students and to five colleges and universities in the West Texas area.

Contributions to Texas Tech have gone toward two endowment funds. The Panhandle-South Plains Fair Association Endowment, now totalling \$34,000, awards five \$400-\$600 scholarships per year to agricultural sciences majors. The Leach/Hargrave Endowment Fund provides scholarships for students majoring in agricultural education. The Fair Association has contributed \$26,000 of the total \$51,212 to the Leach/Hargrave Endowment.

Association President Don Hufstедler, Association Vice President Frank Anderson and General Manager Steve Lewis presented the funds during a luncheon to university representatives.

The 73rd Annual Panhandle-South Plains Fair is scheduled for Sept. 22-29.

FOR IMMEDIATE RELEASE

REF:

CONTACT: Steve Kauffman

(EDITOR'S NOTE: A student from your area is included in this release.)

LUBBOCK -- The Texas Tech University chapter of Alpha Lambda Delta, the national academic honor society for freshman college students, has initiated 150 new members selected for superior classroom performance during the 1989-90 school year.

There have been 212 Alpha Lambda Delta chapters established in the United States since the honor society was established in 1924. The Texas Tech chapter was established in 1949.

Chosen from Texas Tech's freshman class of more than 6,000 full-time students, the new freshman honorary initiates included:

*I'm Proofing
names on merge list, now*

FRESH HOW THE
look

TYC to education
Teaching young children

Jennifer L. Aarni, business major, daughter of Mike & Beth Aarni of Aledo;

✓ Michelle R. Alldredge, nursing major, daughter of Dr. & Mrs. Bud E. Alldredge Jr., D.V.M. of Sweetwater;

✓ Cathleen N. Anderson, ^{undecided major} daughter of Danny R. Anderson of El Paso;

✓ Jennifer A. ^{Armes} Armes, restaurant & hotel management major, daughter of Patti & Jerry Armes of Dallas;

Christal A. ^{Armes} Aycock, advertising major, daughter of Rex & Bonnie of Lubbock;

✓ Amy L. ^{Armes} Bass, theatre arts major, daughter of Dallas & Ann Bass of Fort Worth;

Sarah L. ^{Armes} Boswell, TYC major, daughter of John & Anne Boswell of San Antonio;

✓ Mary E. ^{Armes} Bourn, ^{undecided major} of Brownfield;

✓ Carol J. ^{Armes} Brittin, music major, daughter of ~~Mr.~~ Anthony & Dr. Helen Brittin of Lubbock;

Christy D. ^{Armes} Brown, finance major, daughter of Randy & Diane Brown of Gruver;

Kristen E. ^{Armes} Brown, psychology major, daughter of Robert W. & Nancy Lee Brown of Lewisville;

✓ Marilyn P. ^{Armes} Brown, ^{arts & sciences major} of Lubbock;

Jennifer J. Canseler, agriculture major, daughter of Allen Canseler of Canyon;

Julie A. ^{Armes} Capps, political science major, daughter of Arthur & Violet Capps of Mesquite;

M. Kathy Caraway, education major, daughter of Tom & Kay Caraway of Crowley;

Melode J. Chance, agricultural communications major, daughter of Kenny & De Chance of Ralls;

✓ Elaine I. Cogburn, accounting major, daughter of Lana Narey & Larry Walker of Richland Hills;

Cathryn J. Cordova-Garbers, nursing major of Lubbock;

Sheri P. Covington, daughter of Sam & Carol Covington of Lubbock;

Michelle Y. Crocheron, psychology major, daughter of Wesly & Joy Crocheron of Fort Worth;

Holli A. Crouch, accounting major, daughter of James F. & Gladys Crouch of Kilgore;

Rebecca L. Crowley, physical therapy major, daughter of Lois & Cameron Crowley of Houston;

✓ Kimberly A. Davis, TYC major, daughter of Jerry A. & Clydene Davis of Leonard;

Christina E. Deberry, architecture major, daughter of Judy & David Deberry;

Stacey L. Doggett, elementary education major, daughter of Wayne & Jonny Doggett of Lubbock;

Laura A. Dorchak, art history major, daughter of Wayne & Jo Ann Dorchak of Dallas;

✓ S. Courtney DuPerier, biology major, daughter of Susanna & Reagan DuPerier of Austin;

Tiffany L. Ellsworth, PPHT major, daughter of Paul & Judy Ellsworth of San Antonio;

Tonya Everett, fashion merchandising major, daughter of Mr. & Mrs. Keith Everett of Ballinger;

Huichang Fan, accounting major of Lubbock;

Christi J. Felice, geology major, daughter of Walter & Suvanna Morris of Lubbock;

✓ Amanda S. Foster, ^{Teaching young children}TRC major, daughter of Louise & Carson Foster of Pleasanton; _{TYL}

Ellen J. Foster, agricultural economics major, daughter of Mr. & Mrs. Thomas E. Foster of San Antonio;

Tracy A. Freeman, accounting major, daughter of Mary Freeman of Ingram; _(Kenneth Daily Times)

✓ Allison A. Fritz, ^{Business Administration}finance major, daughter of Ken & Carol Fritz of Lubbock;

Mary L. Fry, advertising major, daughter of David & Ellen Fry of Lubbock;

Sylvia R. Furr, agricultural communications major, daughter of Mr. & Mrs. L. Edward Furr of Olney;

LeeAnna Gainer, public relations major, daughter of Pat & Bill Gainer of Austin;

Stephanie J. Gilbreath, public relations major, daughter of Melinda Gilbreath of Idalou;

Patricia M. Gonzales, elementary education major; daughter of Louis & Mary Jane Gonzales of San Antonio;

M. Cecilia Gonzales; biology major; daughter of Jose G. & Martha B. Gonzales of El Paso;

Karen R. Gracy, elementary education major, daughter of William & Donna Gracy of Gunter;

CaraBeth Gray; marketing major, daughter of Bill & LaNette Gray of Artesia, N.M.;

Tammy K. Green; elementary education major, daughter of Mike Green & Sandy Whitaker of Amarillo;

Cindy A. Gunn; physical education major, daughter of Jim & Judy Gunn of Houston;

Asena Gurkan, fashion design major, daughter of Dr. A.A. Gurkan of Lubbock;

Misti M. Hafer, home economics major, daughter of Charles & Jeanna Hafer of San Angelo;

✓ Bridget K. Halfmann, ^{undecided major,} daughter of Vincent Halfmann of Rowena;

✓ Kristi D. Hamilton, ^{undecided major,} daughter of Dick & Patty Hamilton of Lubbock;

✓ Ann M. Hashem, nursing major, ^{daughter B. A. J. Hashem} of Lubbock;

✓ ^{Kathryn} Mary K. Haugen, management information systems major, daughter of Joseph & Jaclyn Haugen of Dallas;

✓ Donna L. Hillstrom, elementary education major, daughter of Mr. & Mrs. Leslie Woodhead of Dushore, ~~PA~~ ^{Penn.}

Jennifer D. Hodges, business management major, daughter of Edward & Rachel Park of Midland;

Melissa C. Hodges, psychology major, daughter of David & Camille Fisher of Synder;

Shannon L. Hoffner; merchandising/marketing major, daughter of James & Patricia Hoffner of Fort Worth;

✓ Jeannine N. Horner; music performance major, daughter of Mr. & Mrs. Charles J. Horner of Roswell, N.M.;

✓ Sally A. Hrach, ^{Arts & Sciences} ~~PMED~~ major, daughter of Bill & Nita Hrach of Fort Worth;

S. Jill Jackson, physical therapy major, daughter of Sue & Joe Jackson of Austin;

Jonessa Gay Jennings, management information systems major, daughter of Mr. & Mrs. Derrell Jennings of Muleshoe;

Stephanie R. Johnson, education major, daughter of Steve & Carrol Johnson of Lubbock;

Kristi F. Jost, TYC major, daughter of Wilbert & June Jost of San Angelo;

Mitzi G. Joy, agricultural economics major, daughter of John W. & Avis Joy of Sonora;

Rachel Juarez, English major, daughter of Mrs. Janie Juarez of Lorenzo;

Kristi L. Killian, physical therapy major, daughter of Robert L. Killian of Tyler;

Katrina K. Kime, interior design major, daughter of Ted & Nancy Kime of Breckenridge;

Jennifer A. Knight, arts & sciences major, daughter of Richard & Jeanne Knight of Houston;

Kandy N. Kunkel, nursing major, daughter of Mr. & Mrs. Harold Kunkel of Breckenridge;

Kristen D. Kuykendall, accounting major, daughter of Mrs. Linda Kuykendall of Dallas;

Karla A. Lackey, physical therapy major, daughter of David & Gail Lackey of Hurst;

Brenda M. Langehennig, general studies major, of Brownfield;

Kimberley L. Levacy, general studies major, daughter of John & Vera Levacy of Lubbock;

Stefanie K. Lindsay, elementary education major, daughter of Steven & Kay Lindsay of Richardson;

Karen L. Litteral, deaf education major, daughter of Sandra Litteral of Speedway, IN; *Indiana (Indianapolis Star)*

Brenda C. Lord, mechanical engineering major, daughter of Robert & Joanne Lord of Victoria;

Meredith A. Lucio, theatre ^{Arts} major, daughter of Benito & Rita Lucio of Watauga; *174 W. Watauga Ave.*

Shelly B. Mabry, human development major, daughter of Donna & George W. Schneider of Austin;

✓ Shelby M. Madigan, ^{undecided major} daughter of Charlotte Madigan of Lubbock;

Sheila D. Maler, music education major, daughter of James & Della Maler of Bellville;

Brenda K. Marmolejo, English major, daughter of Pete & Pauline Marmolejo of Lubbock;

Elizabeth M. Martin, broadcast journalism major, daughter of Clyde & Joyce Martin of Lubbock;

Michelle M. Martin, art major, daughter of Judy Martin of Houston;

✓ Ruth L. Mazurek, physical therapy major, daughter of Hubert & Barbara Mazurek of Utopia; (Bandana Bulletin)

Melissa L. McCormick, human development major, daughter of Ken & Mary McCormick of Plainview;

✓ Karen A. McDuff, mass communications major, daughter of (Beverly & George McDuff of Lubbock;

Traci M. McGowen, psychology major, daughter of Donna & Mac McGowen of San Angelo;

Tracy D. Miles, education major, daughter of Berton J. Miles of Houston;

Candice D. Moore, elementary education major, daughter of Stan & Bonnie Moore of Cedar Hill;

Bonnie B. Morrison, physics major, daughter of Jim & Catherine Morrison of Amarillo;

Wendy E. Morton, petroleum engineering major, daughter of William G. & Toni Morton of Lubbock;

Marcia D. Mosher, accounting major, daughter of Don & Lavon Mosher of Lubbock;

Kerri D. Murph, psychology major, daughter of Mr. & Mrs. Kenneth L. Murph of Euless;

Margaret F. Murray, journalism major, daughter of Peter Murray of Austin;

✓ Regina J. Nelson, pre-medicine major, daughter of ~~Ms.~~ Rachel Nelson of Lubbock;

Jennifer D. Nettleton, finance major, daughter of Gary & Sandy Nettleton of Rotan;

✓ *L. Nicole*
~~N. Lori~~ Nicholson, finance major, daughter of Shirley Nicholson of Dallas;

Gretchen L. Nilmeier, special education major, daughter of Jim & Joan Nilmeier of Plano;

Lisa A. Noble, math major, daughter of Sandy & Deborah Noble of Muleshoe;

Restaurant / Hotel / Institutional Management
Amy J. North, ~~RHIM~~ major, daughter of Jack & Mary Jo North of Abilene;

Amy M. Norton, engineering major, daughter of Charles Norton or Artesia, N.M.;

✓ *Biology*
Mellissas L. Odom, pre-medicine major, daughter of John & Paula Odom of Bedford;

Emily S. Palla, math major, daughter of Wayne & Linda Palla of Clovis, N.M.;

Leah L. Patterson, animal genetics major, daughter of Jim & Mariann Patterson of Carrizozo, N.M.;

Ginger A. Pearson, advertising major, daughter of Bob & Jackie Pearson of Spearman;

Ramona Perez, elementary education, daughter of Raymond & Gloria Perez of Buffalo;

Laura L. Perry, speech & hearing sciences major, daughter of Bruce & Nancy Perry of Dallas;

Christine M. Peterson, elementary education major, daughter of Greg & Brenda Peterson of Pflugerville;

✓ Lisa M. Peterson, theatre arts major, daughter of Roger & Judy Peterson of Fort Worth;

Kate Phinizy, food & nutrition major, daughter of Bill & Mary John Phinizy of Gail; (*Borden County*)

Jennie A. Pinkerton, deaf education major, daughter of Dorothy Casteel of Bedford;

Mary A. Poole, psychology major, daughter of Mr. & Mrs. Bob Poole of Weatherford;

Amy E. Ramage, interior design major, daughter of Mary Beth Ramage of Tyler;

Rebecca A. Reed, photocommunications major, daughter of Fred & Patricia Reed of Carrollton;

Jodie A. Rhodes, music education major, daughter of Tom & Carol Ann Rhodes of San Antonio;

✓ Debra L. Robertson, ^{undecided major} daughter of Mike & Jackie Robertson of Garland;

✓ Milena Samsury, ^{undecided major} daughter of Peter Samsury of Kingwood;

Jennifer R. Sand, management information systems major, daughter of Ronald & Peg Sand of Allen;

Amy E. Sanders, agricultural communications major, daughter of Jim & Anne Sanders of Bryan;

✓ Eileen M. San Diego, pre-medicine major, daughter of Col. Armando & Mrs. Lolita San Diego of Wichita Falls;

Stacey L. Santi, pre-veterinarian major, daughter of Terry & Lynn Santi of Albuquerque, N.M.;

Stacey B. Saunders, international trade major, daughter of Ray & Alice Saunders of Cisco;

Lynnetta D. Schwartz, math major, daughter of Al & Janet Buchanan of Lubbock;

✓ Amy E. Scott, elementary education major, daughter of Harold & Kathy Massey and V.V. & Jean Scott of Lubbock;

TommyLynn Scrivner, ^{at the same time} ASUD ^{undecided} major, daughter of Tom & Ronda Scrivner of El Paso;

Shala D. Self, pre-medicine major, daughter of Mart & Gina Self of Amarillo;

Carolyn S. Sellers, pre-nursing major, daughter of Mr. & Mrs. Lawrence E. Sellers of Dallas;

✓ Evangelina Serenil, ^{biology} pre-medicine ^{undecided} major, daughter of Jr. & Hilaria Serenil of Lubbock;

Jennifer L. Sherrill, elementary education major, daughter of Dick & Linda Sherrill of Dallas;

Barbara D. Simpson, piano major, daughter of Burhyl & Louise Simpson of Greenville;

✓ Anne R. Sims, ^{undecided major} daughter of Louis B. Sims of Houston;

Christine M. Smith, accounting major, daughter of Ivor & Rosemary Smith of Lubbock;

✓ Deena M. Smith, pre-medicine major, daughter of Greger & Sue Smith of Colorado Springs, CO; *Colo.*

✓ Holly D. Smith, *undecided major* daughter of Bill W. Smith of Lubbock;

✓ Holly K. Smith, *above secret undecided* ASUD major, daughter of Donald E. & Sue Smith of Lubbock;

Karen E. Snead, broadcasting major, daughter of Bob & Joyce Snead of El Paso;

Mary S. Spears, food & nutrition major, daughter of Dick & Sandra Spears of Dallas;

Dana L. Stalcup, fashion design major, daughter of Sara Stalcup of Lubbock;

Nancy A. Stocking, elementary education major, daughter of Judith A. Stocking of Lubbock;

Julie A. Susaeta, early childhood education major, daughter of C. Joe & Carol Susaeta of Lubbock;

✓ D'Lisa M. Szedeli, *restaurant/hotel / statistics & management* RHIM major, daughter of Morris & Brenda Szedeli of Fort Worth;

Cathy L. Thompson, psychology major, daughter of Gary & Nanetta Thompson of Plainview;

Rebekah A. Turner, mass communication major, daughter of Wilma Turner of Lubbock;

Heather L. Vause, occupational therapy major, daughter of Mr. & Mrs. James W. Vause of El Paso;

Lisa M. Vengroff, arts & sciences major, daughter of Linda Vengroff of Lubbock;

Julie B. Vogelbaugh, daughter of Gary & Virginia Vogelbaugh of Katy;

Cherami R. Watson, public relations major, daughter of Ronald E. & Shirley M. Watson of Richardson;

Kelly A. Watson, agri-business management major, daughter of Frank & Judy Watson of Dumas;

Cara J. Whipkey, pre-veterinarian major, daughter of Bob & Paula Whipkey of San Antonio;

Michelle R. Williams, arts & sciences major, daughter of John & Nancy Williams of El Paso;

✓ Kareene M. Wolfram, music education major, daughter of Ed & Kathleen Wolfram of Arlington;

Danna E. Wright, international trade major, daughter of Jack & Jane Wright of Jacksonville, AR; Ark.

Angela L. Wulz, accounting major, daughter of Jack & Sonja Wulz of Dallas;

✓ Lori D. Urban, home economics major, daughter of Dr. & Mrs. Lloyd V. Urban of Lubbock;

FOR IMMEDIATE RELEASE
REF: 5-6-11-90
CONTACT: Preston Lewis

LUBBOCK -- A program to help encourage minority high school students to pursue careers in biomedical research or the health professions has led to summer jobs for six Lubbock students at the Texas Tech Health Sciences Center.

The 1990 Minority High School Student Research Apprentices Program funded by the National Institutes of Health has awarded the Texas Tech School of Medicine \$10,500. The funds are the highest amount yet awarded Texas Tech in the program directed the last six years by pharmacology department Chairman Alexander D. Kenny, Ph.D.

Summer apprentices, each to receive an award of \$1,500, are juniors Angela M. Arredondo and Gregory Solis of Monterey High School, seniors Kim N. Bozeman and Yolanda P. Moore of Estacado High School and seniors Van T. Ha and Kendall D. Lawrence of Coronado High School.

Each apprentice will be assigned for eight weeks this summer to a faculty member in the School of Medicine and will assist with research projects or special programs.

Kenny said the program has been highly successful with several past participants going into biomedical or sciences curriculums in college, many at Texas Tech. Some previous participants have even maintained their associations with the projects they were associated with as apprentices. The six apprentices this year were selected from 24 applicants, including nine blacks, eight hispanics and seven Pacific Islander/Asians.

Arredondo, daughter of Dr. and Mrs. Rudy Arredondo of 3212 40th, will work with the Youth Exchanging with Seniors Program administered by Sheryl H. Boyd, Ph.D., of internal medicine.

Bozeman, granddaughter of Mrs. Jessie Dewhart of 1509 E. Auburn, and Ha, daughter of Thai and Khanh Ha of 5501 First Place, will work in the laboratory of Kathryn K. McMahon, Ph.D., of the pharmacology faculty.

Lawrence, son of Larry and Carolyn Lawrence of 5214 88th St., will assist in the laboratory of Thomas E. Tenner, Ph.D., in the pharmacology department.

Moore, granddaughter of Gladys and Herman Moore of 1802 E. Auburn, will work with Dr. Kenny on his pharmacological research, and Solis, son of Ruben and Vicky Solis of 8107 Toledo, will assist in the laboratory of Peter A. Doris, Ph.D., of the cell biology and anatomy faculty.

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MEDIA ADVISORY

REF: 6-6-11-90

CONTACT: Kim Davis

[EDITOR'S NOTE: The media are invited Saturday (June 16) to attend the TTHSC department of ophthalmology and visual sciences Annual Research Symposium at the McInturff Conference Center of University Medical Center, located at 602 Indiana Ave.]

LUBBOCK -- The Texas Tech Health Sciences Center (TTHSC) on Saturday (June 16) will host the Annual Research Symposium of the department of ophthalmology and visual sciences. The day-long symposium will take place in the McInturff Conference Center of University Medical Center, located at 602 Indiana Ave.

The symposium, which targets health care professionals in the field of ophthalmology, will focus on new concepts in the management of ocular tumors in children and other concepts in ocular cell growth acceleration and inhibition. Ophthalmologists from across Texas, Louisiana and California will discuss numerous other areas of clinical and basic science research pertaining to the eyes.

Registration for the symposium is \$75. For more information about the symposium or to register, contact the TTHSC Office of Continuing Medical Education at (806) 743-2929.

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MEDIA ADVISORY

REF: 7-6-11-90

CONTACT: Kim Davis

(EDITOR'S NOTE: The media are invited to attend the West Texas Symposium for Gynecologic Cancer and Breast Disease June 15-16 in the McInturff Conference Center of University Medical Center, located at 602 Indiana Ave.)

LUBBOCK -- The Texas Tech Health Sciences Center (TTHSC) June 15-16 will host the West Texas Symposium for Gynecologic Cancer and Breast Disease at University Medical Center, located at 602 Indiana Ave.

The two-day symposium, targeted at primary care physicians, will focus on screening, detection and treatment or referral of breast and gynecologic cancer. Guest lecturers from Michigan, Washington, D.C., El Paso and Lubbock will discuss progress in the treatment of cancers involving the breast, vulva, vagina, uterus and ovary.

Registration for the conference is \$60 for physicians and \$25 for other health care professionals. For more information about the symposium, or to register, contact the TTHSC Office of Continuing Medical Education at (806) 743-2929.

FOR IMMEDIATE RELEASE
REF: 8-6-11-90
CONTACT: Myrna Whitehead

(MEDIA ADVISORY: Media representatives are invited to cover the 60-minute speech that begins at 3:30 p.m. June 19. Hans Mark will be available for interviews during the reception which immediately follows the speech. Media representatives are asked to set up equipment between 3 and 3:30 p.m.)

LUBBOCK -- Hans Mark, Ph.D., chancellor of the University of Texas System will speak on "The Superconducting Supercollider" at 3:30 p.m. June 19 (Tuesday) in Room 212 (old room number 238) of the Science Building at Texas Tech University.

Mark will discuss technical and economical aspects of the supercollider. A question-and-answer session will follow the speech. A reception is planned for Mark in the physics faculty Conference Room 103 at the conclusion of the presentation.

Before becoming chancellor of UT System, Mark served as deputy administrator of the National Aeronautics and Space Administration, a position he was appointed to by then-President Ronald Reagan in 1981. He also has held a variety of academic posts in both physics and nuclear engineering.

The lecture is sponsored by the physics department at Texas Tech.

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FOR IMMEDIATE RELEASE

REF: 9-6-11-90

CONTACT: Jennifer LeNoir

LUBBOCK -- Kishor Mehta, Texas Tech University professor of civil engineering and director of the Wind Engineering Research Center, recently was selected as a member of the newly established national advisory panel for the Hazard Reduction and Recovery Center (HRRC) in the College of Architecture at Texas A&M University, College Station.

The HRRC is involved in the study of a variety of natural and technological hazards. The natural phenomena include floods, hurricanes, earthquakes, tornadoes and droughts. Technological hazards include chemical and nuclear plant accidents, transportation accidents and pipeline explosions.

The purpose of the newly formed panel is to offer advice and consultation to the HRRC's director and faculty fellows. Panel members also will be required to offer their opinions regarding current and future research projects and activities of the center.

Mehta, who is the only professional engineer on the panel, will attend the group's first conference and meeting, which will focus on issues in the "International Decade for Natural Disaster Reduction," June 13-16 at Texas A&M University.

He also will present a 30-minute discussion of his disaster reduction goals for the coming decade. The HRRC was established at Texas A&M in 1988. The center engages in research on hazard mitigation, disaster preparedness, response and recovery.

The HRRC's interdisciplinary staff includes architects, planners, sociologists, policy analysts and engineers.

FOR IMMEDIATE RELEASE

REF: 10-6-11-90

CONTACT: Jennifer LeNoir

LUBBOCK -- Texas Tech University's Water Resources Center recently began developing improved water management strategies that could result in a savings of \$2.5 to \$3 million annually for Texas municipalities.

The three-part research project is titled "Management Strategies for Energy Efficient Operations of a Municipal Water Supply." Results of the project could save cities as much as 5 to 15 percent of their annual pumping costs for municipal water supplies.

The Texas Higher Education Coordinating Board recently gave the project \$90,000 through the Advanced Technology Program.

Lloyd V. Urban, Ph.D., director of the Water Resources Center at Texas Tech, and Billy J. Claborn, Ph.D., professor of civil engineering at Texas Tech, are investigating ways to reduce the power used in producing and delivering water to the public.

A 1987 study of the Midland water system demonstrates 5 to 25 percent of the energy employed to pump groundwater can be saved using the new cost-saving strategies, Urban said.

When the most energy-efficient wells are selected for use to produce a given amount of water, savings are achieved, he said.

"If only half the cities in the state, which totally or partially rely on groundwater, were to adopt the improved management program, they could easily result in a savings of \$2.5 to \$3 million dollars annually based on the amount of yearly groundwater pumped for municipal use and an average improvement of 15 percent," Urban said.

The project first seeks to determine the viability of developing a step-by-step procedure for well selection.

"Because each well may differ in size, depth of water and ability to produce water, each well and pump will have a different operating efficiency, dependent on various circumstances," Urban said. "As a result, engineers must analyze a well's efficiency according to various circumstances, like a city's changing demand for water during various seasons, precipitation levels and water table changes."

-more-

WATER RESOURCES/PAGE 2

Second, the project attempts to derive a method for choosing the best set of booster pumps, which may be located throughout a city, in order to help meet the current water demand. Booster pumps are utilized to maintain desirable water pressures and to meet water demand throughout a city.

Finally, the research project is aimed at validating the feasibility of lower overhead storage tank water levels during winter months, which result in lower energy costs, Urban said.

Lowering the operating level in a tank by 10 feet during the months of low demand could mean a significant reduction in energy use, he said.

The research project, which began in January, is scheduled for completion by Dec. 15, 1991.

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FOR IMMEDIATE RELEASE

REF: 11-6-12-90

TEXAS TECH GRADUATE WINS FELLOWSHIP AWARD

By Myrna Whitehead

LUBBOCK -- On the surface, Charles Britton III could be easily mistaken for the well-known television character who portrays a medical school student, "Doogie Howser." Britton's young, boyish features make it hard to believe that this Lubbockite recently earned a bachelor's degree in biochemistry at Texas Tech University -- with a 4.0 grade-point-average.

Britton and "Doogie" share a deeper similarity -- Britton beginning Aug. 1 will be attending the University of Texas Southwestern Medical Center in Dallas where he will pursue a joint M.D./Ph.D. program.

He recently was awarded a \$7,000 graduate fellowship by the Honor Society of Phi Kappa Phi, a national award that supports the first year of graduate or professional study. The award, established in 1932, has been won by two other Texas Tech students. Fifty awards are presented yearly.

Britton said that by no means should he be considered a "genius." Everything he has accomplished has come from hard work and studying.

As a senior at Texas Tech, Britton served as an ambassador for the College of Arts and Sciences and as a member of the Golden Key National Honor Society, Alpha Epsilon Delta and Phi Kappa Phi. He received the Barry M. Goldwater Scholarship; the Achievement Rewards for College Scientists Foundation Scholarship; the Dow Chemical Scholarship; the Robert Cabaniss Goodwin Premedical Scholarship; the Texas Tech University Scholarship; and the Dads and Moms Association Academic/Citizenship Award for the College of Arts and Sciences.

Britton, a dean's scholar, also was named to the President's Honor List.

His interest in medicine was sparked by his own health problems. Since childhood, Britton has suffered from portal hypertension which caused esophageal varices. Britton's spleen was removed at age 7 because of the condition, a blockage in the portal vein (a large vein between the liver and the stomach) disrupts the normal blood flow causing the blood to be re-routed through the lower esophagus and the spleen. The increased blood flow causes the veins to become enlarged, similar to varicose veins in the legs. As a result, internal bleeding from the veins occasionally occurs.

-more-

MEDICAL SCHOOL/PAGE 2

"I feel that my experiences with this problem have given me insight and may make me a more compassionate doctor," he said.

Britton is setting his sights on viewing the hospital from the other side of the bed. He will enroll in graduate school beginning June 1 to conduct research concerning diabetes. In August, he will begin his first year of medical school.

Britton is no stranger to the medical world. After high school, he attended the 1986 Summer Program in Biomedical Sciences at the University of Texas System Cancer Center, M.D. Anderson Hospital and Tumor Institute at Houston. The following year, he returned to M.D. Anderson Hospital to participate in the University of Texas System Cancer Center Summer Program for College Students and Freshmen Medical Students.

In 1988, Britton worked with Dr. Michael E. DeBakey as a participant in his Summer Surgery Program at the Baylor College of Medicine in Houston. DeBakey, the chancellor of Baylor College of Medicine and chairman of its department of surgery, is recognized for his trailblazing efforts in the treatment of cardiovascular diseases.

Last year, Britton complete NASA's Space Life Sciences Training Program at the Kennedy Space Center in Florida.

Britton said the dual M.D./Ph.D. program should take seven years to complete - two years of medical school interrupted by two to three years of biomedical research and the return to complete the third and fourth years of medical school. Upon graduation, Britton will spend five years as a surgical resident and two more years specializing in his chosen field -- possibly pediatric surgery.

Britton credits his parents, Mr. and Mrs. Charles H. Britton Jr. of Lubbock, for his success in the classroom. He said they never pressured him to do well; it was something he wanted for himself.

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FOR IMMEDIATE RELEASE
REF: 12-6-11-90
CONTACT: Steve Kauffman

LUBBOCK -- Texas Tech University President Robert W. Lawless has been elected 1990-91 chairman of the board for the Boulder, Colo.-based College Football Association (CFA).

Lawless will serve a one-year term as chairman and as the board's Southwest Conference representative.

The College Football Association was formed in 1976 as an organizational forum for discussion of issues unique to college football. The association, with 66 full and associate members, meets annually to establish policies and develop legislative recommendations for the National College Athletic Association.

The board of directors includes one representative from the Big Eight, Western Athletic, Southwest, Southeast and Atlantic Coast conferences as well as two representatives from independent universities and several CFA committee heads.

Lawless became president of Texas Tech University and Texas Tech Health Sciences Center in July 1989. He was executive vice president and chief operations officer at Southwest Airlines in 1985-89 and vice president and chief financial officer in 1982-85.

Prior to joining the Dallas-based airline, Lawless served in faculty and administrative positions at the University of Houston. He became senior vice chancellor of the university in 1980. Lawless also served as associate chancellor for planning and resource allocation, as acting dean of the College of Business Administration and as chairman of the department of quantitative management science after joining the College of Business faculty in 1969.

FOR IMMEDIATE RELEASE

REF: 13-6-14-90

CONTACT: Myrna Whitehead

LUBBOCK -- Gail Barber, professor of harp and music theory at Texas Tech University, will perform the opening recital for the American Harp Society National Conference at 8 p.m. Wednesday (June 20) at Parker Chapel on the campus of Trinity University in San Antonio.

Barber's program will include 16th through 20th century compositions and seven original pieces from "Songs of Destiny," a song cycle composed by Barber and making its world premiere at the conference. Vocalist Cynthia Vonn Preid and narrator Linda Stogner will join Barber on the "Songs of Destiny."

Barber also will perform three jazz selections with Larry Hammett, jazz guitarist and recording artist; Spanky Jones, drummer; and Dave Heath, electric bassist.

At Texas Tech, Barber teaches and conducts the Texas Tech Harp Ensemble. She also performs in the Lubbock Symphony Orchestra.

A graduate of the Eastman School of Music in Rochester, N.Y., Barber has toured as a harp soloist with the Chicago Little Symphony. She has performed throughout the United States, Canada, Mexico, Europe and the Middle East.

The artist has been featured at several American Harp Society national conferences and the World Harp Congress in the Netherlands and in Austria. Barber has been the guest of honor at numerous International Harp Contests in Jerusalem. In 1985, Barber premiered her original composition, "A Turkish Fantasy," at the International Istanbul Festival.

She has recorded with Countdown Productions, Contemporary Recording Society, Dorian Systems and Opus One Records.

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FOR IMMEDIATE RELEASE
REF: 14-6-14-90
CONTACT: Steve Kauffman

LUBBOCK -- Texas Tech University Professor of Business Administration Paul H. Randolph, Ph.D., has received a Fulbright grant to lecture and research during the 1990-91 academic year at Middle East Technical University in Ankara, Turkey. He was a visiting professor at the Turkish university in 1970.

Randolph joined the College of Business Administration area of information systems and quantitative sciences in 1981. A faculty development leave from Texas Tech has been granted in conjunction with the grant awarded by the Board of Foreign Scholarships and the United States Information Agency.

Before coming to Texas Tech, Randolph held positions at Mobil Research and Development Corporation and Chase Manhattan Bank. He has been on the faculty of Iowa State University, Purdue University, New Mexico State University and Illinois Institute of Technology.

Randolph has been a visiting professor at the University of Heidelberg in West Germany and the University of Oslo in Norway.

Under the Fulbright program, approximately 1,500 U.S. grantees will travel abroad during the 1990-91 academic year. Recipients are chosen on the basis of academic and professional qualifications and their ability to share ideas with people of diverse cultures. The program was established in 1946 through congressional legislation introduced by former Sen. J. William Fulbright of Arkansas.

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CALENDAR WEEK JUNE 15-22

REF: 15-6-14-90

CONTACT: News and Publications

(MEDIA ADVISORY: This Texas Tech calendar is compiled to let you know of upcoming events and releases and to serve as a reminder of releases already sent. If you need more information, call News and Publications at 742-2136.)

JUN 15

Freshman orientation continues
on campus

Workshop -- "Compulsion, Co-dependency, Control: Breaking the Cycle of Addiction," sponsored by the Division of Continuing Education
Lubbock Plaza Hotel through June 16
(release ref: 9-5-22-90)

Symposium -- "West Texas Symposium for Gynecologic Cancer and Breast Disease," sponsored by the department of obstetrics and gynecology and the Office of Continuing Medical Education
University Medical Center McInturff Conference Center
through June 16
(release ref: 7-6-11-90)

JUN 16

Symposium -- "Department of Ophthalmology and Visual Sciences Annual Research Symposium," co-sponsored by the Office of Continuing Medical Education
8 a.m., University Medical Center McInturff Conference Center
(release ref: 6-6-11-90)

Junior recital -- Katie Boltz, flute
3 p.m., Hemmle Recital Hall

JUN 17

Hub City Coca-Cola Triathlon
7:30 a.m., Texas Tech Aquatic Center
(release ref: 4-5-22-90)

Carillon recital -- Ann Adcock
8:15 p.m., Administration Building West Bell Tower

-more-

CALENDAR/PAGE 2

- JUN 18 Freshman orientation
 on campus through June 19
- JUN 19 Summer Youth Classes begin
 Museum of Texas Tech through June 29
- Teleconference -- "Treatment of Reflex Sympathetic Dystrophy,"
 by Louise Carlson, director of hand therapy at Connecticut
 Combined Hand Services,
 hosted by TTHSC and the Library of the Health Sciences
 2-4 p.m. and 7-9 p.m., TTHSC Room 5A100
- JUN 20 Satellite conference -- "Update for Primary Care Physicians,"
 an HIV conference sponsored by Burroughs Wellcome Co.
 11 a.m.-1 p.m., TTHSC 2B152
- JUN 21 Freshman orientation
 on campus through June 22
- JUN 21 Summer Outdoor Film Series -- " My Left Foot"
 9:15 p.m., north of the University Library

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FOR IMMEDIATE RELEASE

REF: 16-6-14-90

CONTACT: Pearl Trevino

LUBBOCK -- The Texas Tech Health Sciences Center will present the video conference "Treatment of Reflex Sympathetic Dystrophy (RSD)," 2-4 p.m. and 7-9 p.m., Tuesday (June 19).

Presenter Lois Carlson is the director of Hand Therapy at Connecticut Combined Hand Services and has taught courses on anatomy and occupational therapy at Quinnipiac College and Manchester Community College.

Topics will include definition, characteristics, evaluation, treatment and prevention of RSD and post RSD fibrosis. A question-and-answer period will follow the presentation.

Registration costs \$25 for the public. The conference will be in Room 5A100.

For more information or to register, call the Library of the Health Sciences Teaching and Learning Center at 743-2213.