may 29-June 2, 1989

DATE	Stories and Cutlines	Writer	# copies	Features	Locals	Reg. Daily	Reg. Weekly	50's	X-List	Adj. Count.	Ag. List	Ag. Boxes	Misc.	Bacons	Remarks
				11	21	15		14	10	11		15			
1-5-29-89	NA awards	MW							✓				5		
2-5-29-89	Oh awards	MW	32						✓				5		
3-5-29-89	Steroid	PL	15										2		
4-5-31-89	Spitz	KH	04		✓								2		Bacons 24
5-5-31-89	Forum	CP											2		
6-6-1-89	Liner	PL													
7-6-1-89	Calendar	SK	15												
8-6-1-89	Britton	CP	37		✓										
9-6-2-89	Hopper tot	SK	28						✓						
10-6-2-89	fulbright	JL	40		✓										
11-6-2-89	Codgerd	CP	95		✓					✓					
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13-6-2-89	tipsheet	PL													

NEWS RELEASE

Texas Tech University
Texas Tech University Health Sciences Center

News and Publications
Box 4640/Lubbock, Texas 79409-2022/(806) 742-2136

FOR IMMEDIATE RELEASE
REF: 1-5-29-89
CONTACT: Melissa Workman

LUBBOCK -- The School of Nursing recognized six students with outstanding accomplishment awards during commencement exercises Saturday for the Texas Tech Health Sciences Center.

The Excellence in Writing Award was presented to Ann Domenico, daughter of Mr. and Mrs. John Roach of Redding, Calif. Vasia Ann Shelby Craddick, daughter of Mr. and Mrs. John Shelby of 2813 Dover Ave., Lubbock, received the Excellence in Clinical Performance Award.

Carolyn Simpson Rebber of Lamesa was given the Excellence in Community Health Award. The Human Potential Award for innovative approaches to nursing was presented to Amy Arla Forrester, daughter of Mr. and Mrs. B.H. Forrester of Hereford.

Yvonne Lovato, daughter of Stella G. Lovato of 2624 Second, Lubbock, was given the School of Nursing Outstanding Service Award. The award for Excellence in Reintegrated Nursing was presented to Aurora Chaides Hernandez, daughter of Mr. and Mrs. Guillermo Chaides of El Paso.

-30-

NEWS RELEASE

Texas Tech University
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News and Publications
Box 4640 / Lubbock, Texas 79409-2022 / (806) 742-2136

FOR IMMEDIATE RELEASE
REF: 2-5-29-89
CONTACT: Melissa Workman

LUBBOCK -- Six allied health students and a faculty member were honored for outstanding accomplishment during commencement exercises Saturday by the Texas Tech Health Sciences Center.

Traci Boyd, a clinical laboratory science graduate, received the academic achievement award for the highest grade-point-average in the School of Allied Health. In recognition of her accomplishment, Boyd carried the school's banner during the commencement exercises. She is the daughter of Joe and Carolyn Boyd of Levelland.

Students with top grade-point-averages in each department were recognized and participated as marshals in the processional. They were Deanna Lynn Franks of clinical laboratory science, Daniel Scott Johnson of occupational therapy and Laura Garner Parkinson of physical therapy.

Franks is the daughter of Mr. and Mrs. David L. Jones Sr. of Littlefield. Johnson is the son of Mr. and Mrs. Lyle Johnson of Dalhart. Parkinson is the daughter of Mr. and Mrs. Jim Garner of Boone, N.C.

The Heinz Reach Award was given to Gloria Kilian, daughter of Ms. Irma B. Kilian of Colorado Springs, Colo., for excellence in academics and leadership.

Jennifer McDonagh of 4409 16th St., Lubbock, received the Quest for Excellence Award for making the best use of library resources.

Nancy Van Slyke, associate professor of occupational therapy, was honored with the Dean's Recognition Award for outstanding professional accomplishment, meritorious service to the school and dedication to professional education.

-30-

NEWS RELEASE

Texas Tech University
Texas Tech University Health Sciences Center

News and Publications
Box 4640/Lubbock, Texas 79409-2022/(806) 742-2136

SPECIAL TO AP
REF: 3-5-29-89
CONTACT: Preston Lewis

LUBBOCK -- Adolescent males and their parents in the Texas Panhandle appear to be saying yes to one class of drugs -- anabolic steroids.

That conclusion is one of several drawn from a survey of Texas Panhandle family physicians and general pediatricians by Pediatrics Department Chairman George E. Bacon, M.D., and Paul S. Salva, M.D., Ph.D., of the Texas Tech Health Sciences Center.

The major reason for curiosity about and even use of steroids in adolescents was to enhance football performance.

"We weren't surprised to find users at the senior high school or college level," Bacon said, "but what concerned us was what looked like even younger kids and their parents -- kids still in junior high -- asking physicians about prescribing steroids. If steroid use is in the junior highs, it may have already slipped down into the grade schools."

Of the 100 responding physicians from 41 Panhandle counties, 48 percent had received inquiries -- totaling more than 210 patients -- about anabolic steroids. Additionally, 29 percent of the physicians had seen patients they felt were taking steroids.

Adolescents -- ages 13-17 -- accounted for 48 percent of the inquiries and 31 percent of the perceived users. Young adults -- ages 18-25 -- accounted for another 48 percent of the queries and 68 percent of the suspected usage. Adults 25 and over were responsible for 4 percent of the questions and 1 percent of the usage.

In the adolescent age group, the steroid curiosity was intended to help young males play football. In the young adult age group, the vast majority of the queries were from body builders while only four were from football players who sought to secure or retain athletic scholarships.

"The frequency with which these inquiries are being made surprised us," Bacon said. "Our results suggest that there is definite interest in and, more alarmingly, use of anabolic steroids."

Preliminary results of a followup study of about a thousand physicians throughout Texas tend to confirm the findings for the Panhandle, Bacon said.

"I think we should be worried about the steroid usage, primarily because of the side effects when taken in large amounts," Bacon said.

"However, I don't want to discredit all uses of anabolic steroids because they have been effective in treating children with constitutionally delayed growth."

Some children are endocrinologically normal, but follow an inherited pattern of slow growth. This means they may reach their final size at age 20 rather than age 17 and are thus small teenagers.

"We've found if we give these kids anabolic steroids for six months or a year during adolescence, it speeds up the growth process a little bit and is good for them psychologically. We don't think it changes their ultimate height one way or another," Bacon said.

But these steroid doses are clinically supervised and are modest in amount. By contrast, some athletes use megadoses of steroids for weight and strength gain. Detrimental side effects appear to be dose-related -- the more you take, the greater your chance of developing complications. And, complications seem to vary with individual susceptibility.

Side effects include liver disease, sexual dysfunction and advanced bone age, among others.

"There are more reasons to reject steroids than to use them," Bacon said. "While our study demonstrated a significant public interest in steroids, it quantified only those people who contacted their physicians. What percentage of the total public interest this represents is uncertain, but it could be an even greater problem if young men are turning to someone other than their physicians for guidance or, even worse, for the steroids themselves."

The results of the Panhandle study were published in the May issue of Texas Medicine, the official publication of the Texas Medical Association.

-30-

NEWS RELEASE

Texas Tech University
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News and Publications
Box 4640/Lubbock, Texas 79409-2022/(806) 742-2136
REF: 4-5-31-89

RESEARCHERS SEEKING ENERGY EFFICIENT DESIGNS

By Kippra D. Hopper

LUBBOCK -- Architecture researchers at Texas Tech University are seeking to create an evaluation tool that can be used to test energy efficiency in the early stages of building design.

Mark Spitzglas, associate professor in the College of Architecture, is investigating ways to design energy conserving building forms. He is working in collaboration with Robert D. Perl, also an associate professor in the college.

The Texas Higher Education Coordinating Board awarded more than $205,000 to fund the project through the state-supported Energy Research in Applications Program.

Focusing on design, the researchers are analyzing buildings that compensate for a reduction in daylighting, or solar energy. Spitzglas suggests that completely new fenestration technologies can be used in designing more energy efficient structures. The new technologies make better use of the arrangement, proportioning and design of windows and skylights.

For example, one of the new design technologies, "core daylighting," uses highly reflective elements to allow sunlight to extend deeper into the center areas of buildings.

In general, Spitzglas says, energy efficient buildings are designed with reduced external exposure and are "compact" in shape -- with a large inside volume and a small outside shell. Part of the exterior walls of a building may be joined with the ground or with other buildings for reduced outside environmental exposure, resulting in a reduction in energy loss.

The researchers are exploring energy conservation possibilities through a minimal exposure' approach. They hope to find ways of matching the efficiency of the structural shell and form with the aesthetic interior and exterior quality of the building.

"One of our premises is that because of recent developments in fenestration systems and methods for introducing daylighting deeper into the core of buildings, it might be possible to generate effective forms of highly compact architecture.' That can be achieved without compromising on qualitative subjects, like a sense of connection with the outside environment and the highly preferred natural illumination," Spitzglas said.

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The researchers say one result of their work will be an easy-to-use preliminary building energy comparison tool in the form of computer software. The computerized evaluation tool probably will be based on the Department of Energy DOE-2 family of software programs.

"The tool and the suggested new configurations will enable architects to design building forms that have highly energy efficient properties and yet not be isolated from the environmental benefits of the outside," Spitzglas said.

"Ideally, the tool will enable architects to evaluate energy efficiency while in their initial decision-making process, considering, perhaps for the first time, the utilization of one of the proposed generic low exposure' building forms," he said.

Scale-model photometry techniques will be used to evaluate daylighting. Students in upper-level design studio classes will suggest and examine architectural case studies. Then specific design forms will be selected for a data base of reference design examples.

The funding of the project is the largest research award ever received by the Texas Tech College of Architecture. The sum was part of $790,668 given to Texas Tech from the Texas Higher Education Coordinating Board out of a total $15 million granted to Texas colleges and universities.

Spitzglas has three degrees from The Technion, Israel Institute of Technology, in Haifa: a doctorate of science degree in technology, a master of science degree in architecture and town planning and a bachelor of architecture, professional five-year degree program. He also holds a bachelor of science degree in electrical engineering from Ben-Gurion University in Beer-Sheba, Israel.

Beginning his second year at Texas Tech University, Spitzglas previously was on the faculty at the State University of New York at Buffalo. He also has worked as a scientist at the Solar Energy Research Institute in Golden, Colo., and at the Lawrence Berkeley Laboratory in California.

His research associate, Perl, holds a bachelor of architecture degree from the University of Cincinnati and a master of architecture degree from the University of California at Berkeley. At Texas Tech since 1979, Perl previously worked four years on a passive cooling project and five years on an earth temperature study.

Fredrick Winkemann of the Simulation Research Group at the Lawrence Berkeley Laboratory is a consultant on the Texas Tech project.

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FOR IMMEDIATE RELEASE
REF: 5-5-31-89
CONTACT: Chris Patterson

LUBBOCK -- A Texas Tech University professor and a university administrator recently participated in "An American Forum on Education and International Education" in St. Louis, Mo.

Duane Christian, associate professor of education, and Jacque Behrens, director of International Programs, represented Texas Tech and other Texas universities at the forum.

The program addressed the global perspective of teaching for the 21st century, developed ways to support long-term change in education at the state and local levels and affirmed the 1990s as the "Decade for International Competence."

More than 50 workshops dealt with topics such as: multi-lingualism in North America, funding, international exchange and faculty development for internationalizing curricula. State caucuses met to consider ways that elementary and secondary schools and universities could bond with organizations from the corporate, cultural and social communities to improve students' ability to adapt and succeed in a global community.

-30-

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FOR IMMEDIATE RELEASE
REF: 6-6-1-89
CONTACT: Preston Lewis

LUBBOCK -- Bobby A. Rimer, M.D., has been named interim associate dean of the Texas Tech Regional Academic Health Center in Amarillo.

Executive Vice President and Provost Bernhard T. Mittemeyer, M.D., of the Texas Tech Health Sciences Center announced the appointment, effective immediately.

Rimer, associate chairman of obstetrics/gynecology in Amarillo, succeeds Walter E. Dickinson, M.D., who has served as associate dean in Amarillo since 1984.

Rimer joined the health sciences center faculty last year. As associate chairman of obstetrics/gynecology in Amarillo, Rimer has administered that department for the regional center since June.

He received his medical degree from the University of North Carolina School of Medicine in 1957. He holds a bachelor's degree in chemistry from the University of North Carolina.

In making the appointment, Dr. Mittemeyer said Texas Tech has enjoyed a fine partnership with the Amarillo community since the establishment of the regional center. Texas Tech looks forward to continued cooperation with the people of Amarillo and the Panhandle and to continued success in jointly addressing the region's health care needs.

-30-

NEWS RELEASE

Texas Tech University
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CALENDAR WEEK JUNE 2-9
REF: 7-6-1-89
CONTACT: News and Publications

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

JUN 2

"Poetry, Songs and Tales of the American Cowboy: A National Symposium and Celebration"
sponsored by Ranching Heritage Association
University Center through June 4
(release ref: 2-5-15-89)

JUN 3

Sixth Annual Pain Symposium
sponsored by health science center department of anesthesiology and the Pain Clinic
8 a.m. to 5 p.m., HSC Room 5B148

JUN 4

"Leadership Experience" youth program
sponsored by the Division of Continuing Education
Palo Duro Canyon through June 10
(release ref: 8-5-25-89)

Summer recital series -- Judson Maynard, carillon
8:15 p.m., Administration Building West Bell Tower

Texas Tech residence halls open for summer occupancy

JUN 5

Summer session registration for new students

JUN 6

First summer session classes begin

JUN 8

"U2: Rattle and Hum" free summer outdoor film
sponsored by the University Center
9 p.m., north of Texas Tech Library

Graduate recital -- Lari Young, percussion
8:15 p.m., Hemmle Recital Hall

-30-

NEWS RELEASE
TEXAS TECH
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(806) 742-2136
FAX (806) 742-1615

FOR IMMEDIATE RELEASE
REF: 8-6-1-89
CONTACT: Chris Patterson

LUBBOCK -- A Texas Tech University student was one of two students in Texas to receive a national Barry M. Goldwater scholarship for the 1989-90 school year.

Charles H. "Britt" Britton III, of Lubbock, will receive up to $7,000 for tuition, books and room and board.

This is the first year for the scholarships to be awarded, even though the U.S. Congress appropriated funding for the scholarships in 1986. Scholarships are given to two students in each state. The students, one senior and one junior, must major in the fields of mathematics or science.

Britton, son of Mr. and Mrs. Charles H. Britton Jr. of 5410 43rd St., is a senior majoring in biochemistry. He plans to attend medical school upon graduation.

In applying for the scholarship, Britton submitted an application, three letters of recomendation and a research proposal. His proposal concerned the use of lipoamide dehydrogenase enzymes -- ensymes release into the bloodstream following irreversable tissue damage in the body -- to diagnose liver and heart damage.

Britton said he was surprised when he received notification that he had won the scholarship.

"It was a long shot, but it definitely paid off," he said.

-30-

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FOR IMMEDIATE RELEASE
REF: 9-6-2-89
CONTACT: Steve Kauffman

LUBBOCK -- Kippra D. Hopper has been named assistant director and manager of the news bureau of Texas Tech University's Office of News and Publications.

Hopper began work with the office as a writer in the news bureau in November 1986. In January, she became senior writer and editor of Outlook, the Texas Tech faculty and staff newsletter.

In addition to retaining the post of Outlook editor, Hopper's new duties will include managing the staff of writers and coordinating news bureau operations with the office's publications, broadcast and photography bureaus.

"I feel very fortunate to have a journalist with her experience and ability over the operations of the university news bureau. I fully expect the positive media coverage Texas Tech has received in the past year to increase under her leadership," said News and Publications Director Margaret Simon.

Hopper has received journalism awards from the William Randolph Hearst Foundation, the Society of Professional Journalists, the Southwestern Journalism Congress and the Associated Press Managing Editors. A former editor of Texas Tech's student newspaper, The University Daily, she also has worked as a reporter at the Lubbock Avalanche-Journal and the Plainview Daily Herald.

Hopper, an Amarillo native, received a bachelor's degree in journalism and a master's degree in women's studies from Texas Tech.

-30-

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FOR IMMEDIATE RELEASE
REF: 10-6-2-89
CONTACT: Jennifer LeNoir

LUBBOCK -- John D. Holmes, a visiting Fulbright scholar from the Commonwealth Scientific and Industrial Research Organization (CSIRO) in Melbourne, Australia, will be conducting research and teaching at Texas Tech University's College of Engineering through June 30.

Holmes has been conducting wind research using Texas Tech's movable building, used to measure wind pressures in outdoor environments.

Holmes is internationally recognized for his work on wind load standards and his research on the effects of wind as estimated in wind tunnel experiments, said Kishor C. Mehta, Texas Tech professor of civil engineering and director of the Wind Engineering Research Center.

"Many times, researchers must measure wind pressures using small-scale building models, which provide less predictable data. With Texas Tech's full-scale movable building, however, the data collected is much more reliable because we are measuring natural and not simulated winds," said Holmes.

Holmes revised the Australian Standard AS 1170, a design code used by engineers to build structures that can withstand wind forces. The code will be published this year.

Most recently, Holmes has studied fluctuating pressure measurement technology and lattice tower vibrations in wind. Previously, he spent 10 years applying boundary layer wind tunnel technology to determine wind loads on low-rise structures, including hurricane zone residences, multi-span industrial buildings and circular bins and silos.

Holmes has presented his research on wind forces and the effects of these forces on structures at symposiums in Japan, India, Germany, the United Kingdom and other countries.

He received a bachelor's degree in engineering from the University of Southampton, United Kingdom, in 1963 and a doctorate from Monash University in Melbourne, Australia, in 1973.

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FOR IMMEDIATE RELEASE
REF: 11-6-2-89
CONTACT: Chris Patterson

(MEDIA ADVISORY: Televison and radio public service announcements about the co-dependency conference on June 16-17 will be sent to the local media during the second week of June.)

LUBBOCK -- The issues surrounding co-dependency will be examined in a conference, "Living, Loving and Relating: Life After Co-Dependency," June 16-17 at Texas Tech University.

Co-dependency is reported to develop in families who have directly or indirectly been affected by alcoholism, chemical addiction or chronic emotional dysfunction. Co-dependency is characterized by compulsive attractions and addictions to unhealthy self-defeating behavior and relationships that are primarily focused on others.

The co-dependency workshop is targeted for adult children of chemically dependent persons, helping professionals, teachers, clergy and others with a personal or professional interest in recovery. The conference will review and explore key concepts such as co-dependency patterns of control, anger, guilt, lack of trust and intimacy and other personal issues.

Program leaders will be: Robert J. Ackerman, Rokelle Lerner, Tobin Quereau and Tom Zimmerman.

Ackerman is a professor of sociology at Indiana University of Pennsylvania. He is internationally known for his work in the areas of alcoholism and the family. He is best known for writing in 1978 the first book in the United States on children of alcoholics. His most recent book is "Let Go and Grow: Recovery for Adult Children." Currently he is conducting national research on adult daughters of alcoholics which will be featured in his book, "Perfect Daughters."

Lerner is co-founder and consultant to Children are People Inc. in St. Paul, Minn. For the past 10 years she has pioneered the development of prevention and early intervention programs for young children throughout the United States and Canada. Her numerous publications include "Co-Dependency: A Swirl of Energy and Confusion" and "Affirmations for Adult Children of Alcoholics."

Quereau has a master's degree in counseling and is a member of the National Association for Children of Alcoholics. He is in private practice at the Listening Tree in Austin.

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Zimmerman has a master's degree in counseling and is a licensed professional counselor in the state of Texas. He is in private practice and specializes in working with individuals from chemically dependent families.

Participants may register for the full two-day conference or for a single day. Registration for the conference on Friday (June 16) begins at 8 a.m. in the University Center Courtyard. Sessions begin at 8:30 a.m. and end at 9 p.m. Registration for the Saturday (June 17) program begins at 8 a.m. in the Courtyard. Sessions begin at 9 a.m. and end at 3:15 p.m.

The fee for the full conference is $69. Full-time students may be admitted for $29. The fee for one-day programs is $40.

The conference is sponsored by Charter Plains Hospital. Co-sponsors are: Allen and Associates of Amarillo, Amarillo Council on Alcoholism and Drug Abuse, Lubbock Council on Alcohol and Drug Abuse, St. Mary of the Plains Hospital and Southwest Institute for Addictive Diseases, Texas Association for Children of Alcoholics and Texas Tech Division of Continuing Education.

For more information, contact the Division of Continuing Education, Texas Tech University, Box 4110, Lubbock, Texas, 79409-2191, or call (806) 742-2352.

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cutline ---- 12-6-2-89

OUTSTANDING AGRICULTURAL SCIENCES STUDENT -- Colleen Schrieber, daughter of Mr. and Mrs. Lloyd Schreiber of Scotland, Texas, recently was named the 1988-89 outstanding student in the College of Agricultural Sciences at Texas Tech University. Schreiber is a 1988 December graduate with a bachelor's degree in range management. Presenting the award to Schrieber (left) is Sam Curl, dean of the college. (Texas Tech Photo)

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HEALTH TIPSHEET
from
TEXAS TECH HEALTH SCIENCES CENTER
June 2, 1989

COURAGEOUS KIDS -- That best describes children who must deal with diabetes. The disease is controllable and youngsters with diabetes can lead happy, normal lives, but they must follow good health practices. Keeping to a regimen, however, can sometimes be an extra burden on these children. To help them understand they are not alone in facing diabetes, the Texas Tech Health Sciences Center along with area Rotary Clubs each summer sponsor a special camp just for them. About 60 children will participate in this year's camp June 17-24 at the Plains Baptist Assembly near Floydada. Michael J. Bourgeois, M.D., of the TTHSC pediatrics faculty said the camp provides children an independent atmosphere where they can interact and share common concerns with peers who have diabetes. Further, the camp emphasizes diabetes education to help reinforce practices that the children will need to follow for the rest of their lives. For more on diabetes, children with the disease and the summer camp, contact Bourgeois at (806) 743-2301.

For assistance in covering these or other stories, contact HSC News Bureau manager Preston Lewis at (806) 743-2143.

13-6-2-89