

BULLETIN

Issued by the Division of University Relations

Vol. 64, No. 17, Dec. 8, 1987

MARTIN EARNS NATIONAL AWARD

In a world in which mathematics is a crucial indicator of future economic competitiveness, evidence is overwhelming that U.S. students learn substantially less math than their peers in other industrialized nations. Even in kindergarten and first grade, differences are great. A recent study of first-graders in the United States, China and Japan revealed that only 15 of the top 100 were American.

Kathleen Martin is working to help remedy the situation, and her much-needed plan to train elementary school teachers to become more effective instructors of mathematical thinking and problem-solving will be honored Thursday in Washington as one of 20 National Exemplary Programs.

Kathleen, coordinator of graduate programs in education, has been invited to present her Educational Economic Security Act, Title II project at the 1987 National EESA, Title II Conference and to meet with House Speaker Jim Wright.

The associate professor of education recently was one of a selected group of mathematics teachers and supervisors meeting in Austin to recommend adjustments to third- through fifth-grade math programs in Texas. Their ideas, which must be approved by the state legislature before any changes occur, represent a shift from emphasis on computational skills to an understanding of math and the development of mathematical thinking. The program will place more emphasis on writing and use of natural language in teaching math.

Making math intellectually stimulating for beginning students is imperative, Kathleen said. "The way we have taught math in elementary school has been such a turn-off that students don't pursue it in high school. Therefore, they can't pursue it in college."

She is heartened by the early planning the Texas Education Agency is doing for math changes in the schools that will take place in 1991. "The problem with the new math of the 1960s was that there was no time to re-train teachers to cope with the changes," she pointed out.

Since she joined the faculty in 1985, Kathleen has received five EESA grants. The first and winning project provided training for 50 elementary teachers in Fort Worth, Arlington, Birdville and Cedar Hill independent school districts to provide math instruction that stimulates higher-level thinking skills. This project has sought to extend the scope of the Richardson Foundation Pyramid Project, a cooperative arrangement between Gifted Students Institute and the four school districts.

(continued)

MARTIN'S AWARD (continued)

A cooperative agreement among TCU, the Gifted Students Institute for Research and Development and the four school districts, the project enabled the 50 teachers to take a spring 1987 graduate course in math education at TCU, a summer seminar in the assessment of mathematical thinking and then to field-test this fall the math modules developed in the spring course. That grant subsequently was re-funded to train 100 additional teachers.

Two more EESA grants provided for Kathleen to train 75 public and private middle school teachers in Fort Worth to use computers to teach math. The fifth grant allowed joint training of Fort Worth elementary and middle school teachers to bridge the math curricula.

The winning project, she explained, seeks to shift the self-image of the elementary teachers from simply dispensers of mathematical content in the textbook to initiators of mathematical thinking. "Elementary age children learn mathematics best when they interact with concrete materials," she said. "Such interaction requires that the teacher play a facilitating role through observing and questioning. Thus students learn how to think about mathematical content rather than merely memorize it."

*** **

MOYERS SHOW SET DEC. 16

"God and Politics: The Kingdom Divided," a series-opening show for which Bill Moyers interviewed Mike Dodson of political science in the early fall, will air from 7:30 to 9 p.m. Dec. 16 on PBS Channel 13.

The program describes how upheaval in Central America pits mainstream U.S. Christians against fundamentalists in a theological and political duel with historic consequences. The second and third parts of the series will be shown on Dec. 23.

*** **

BRELAND, BIANCHI CHOSEN FOR PUBLICATIONS

Lee Ann Breland and Lisa Bianchi have been named editor and advertising manager, respectively, for The Daily Skiff for the spring semester. They were chosen during the Nov. 23 meeting of the publications committee.

Majoring in news-editorial and minoring in history, Lee Ann is a senior from Moss Point, MS. Last summer she interned with the Crowley Eagle.

Lisa is a junior news-editorial major who is minoring in marketing. The Tulsa resident has been advertising manager this fall.

COME CAROL BY CANDLELIGHT ON MONDAY

Hundreds of luminarias will light the way to Robert Carr Chapel for the traditional Carols by Candlelight service Monday. Chapel bells will ring at 10:15 p.m., followed by carols on the chapel porch played by the TCU Tuba Quartet beginning at 10:20 p.m. The half-hour carol service will start at 10:30 p.m. Audience members are encouraged to come early to find seats.

With Herndon Professor of Music Emmet Smith at the organ, the congregation will join in ten favorite carols. The Chapel Choir, directed by Ron Shirey, will sing two anthems based on old carols, "December Five and Twenty, Fum, Fum, Fum" and "A Babe Is Born." The Tuba Quartet also will perform a carol. John Butler, University minister, will give the Christmas prayer.

Hot Wassail punch will be served on the chapel porch following the service. The caroling service was started 12 years ago to give students a brief respite from their studies on the first night of final exam week. A number of Fort Worth families have joined in the service over the years.

*** **

COMPUTER CENTER MAKES ADDITIONS, EXPANSIONS

The addition of a microcomputer laboratory as well as the expansion of capabilities are under way at the Computer Center. In the process of completion, the new laboratory will include 20 Tandy 3000 HL MS-DOS-based microcomputers which can be reserved for daytime classroom use. Reservations will be made through the Computer Center office, and software will be available at the library's reference desk.

At nights and on weekends, the equipment will be available for more general use on a first-come, first-served basis, according to Computer Center director Frank Fomey. The laboratory is being installed in Room L-12, which originally was used for a lounge area. Details of how and when it can be accessed will be announced later.

In addition to the new laboratory, the terminal room located in Room B-12 of the library is being refurbished in a joint effort by the library and the Computer Center. New tables and chairs are being put in the room, ceiling tiles being replaced and lighting improved. A bright coat of paint will be applied later.

Other additions to the center's inventory include an IBM 9370 computer, soon to be operational for all MUSIC users. The installation has progressed without any major problems, and Frank credits the systems programming division for the smooth flow of changes. This installation will off load some work from the 4341 computer, which handles mainly administrative-related work. Described by Frank as "relics of the past," two Series 1s have been replaced by two less expensive and more efficient IBM 7171 ASCII Device Attachment Units. A major addition also has been made to the Gandolf data switch.

FINALS WEEK, SEMESTER BREAK SCHEDULES POSTED

During finals week, the Rickel Building and Mary Coats Burnett Library will be open extra hours. Several campus facilities will adopt special hours during the break between semesters, and all University offices will be closed Dec. 24-25 and Jan. 1. Altered hours include the following:

Library	9 a.m.-5 p.m. Dec. 12; 1 p.m.-midnight Dec. 13; 7:45 a.m.-2 a.m. Dec. 14-17; 7:45 a.m.-5 p.m. Dec. 18. The library will be closed Dec. 19-20, 24-27, Jan. 1-3 and 9-10. Operating hours will be 9 a.m.-5 p.m. Dec. 21-23, 28-31 and Jan. 4-8.
Computer Center	Open normal hours except for closings Dec. 24-27 and Jan. 1-3.
Rickel Building	7:30 a.m.-midnight Dec. 14-15. Closes 5 p.m. Dec. 18. Closed Dec. 19-20, 24-27, Jan. 1-3 and 9-10. Open 10 a.m.-3 p.m. Dec. 21-23, 28-31 and Jan. 4-8. Pool hours those days are noon-2 p.m. East and west gyms will be closed for registration Jan. 6-8.
Student Center	Closed Dec. 19-20, 24-27 and Jan. 1-2; open 8 a.m.-5:30 p.m. Dec. 21-23 and 28-31. Open Jan. 3-4 8 a.m.-8 p.m. Regular hours resume Jan. 5.
Health Center	Closes 5 p.m. Dec. 18. Open only as an out-patient only facility Jan. 4-6 from 9 a.m. to 5 p.m. Resumes 24-hour hospital service 8 a.m. Jan. 7.
Marriott Food Service	
Edens Greens	Closes 2 p.m. tomorrow (Wednesday); reopens Jan. 11 at 11 a.m.
Worth Hills	Closes 2 p.m. Dec. 17; reopens 7 a.m. Jan. 11.
Snack Bar	Closes 10 p.m. Dec. 17; reopens 2 p.m. Jan. 10.
Stems 'n' Staples	Open 9 a.m.-2 p.m. Dec. 18; reopens 2 p.m. Jan. 10.
Main cafeteria	Closes 6 p.m. Dec. 18. Closed Dec. 19-20, 24-27 and Jan. 1-2. Open 8 a.m.-4 p.m. Dec. 21-23 and 28-31; open 9 a.m.-6 p.m. Jan. 3; open 8 a.m.-6 p.m. Jan. 4-9. Regular hours resume Jan. 10.

*** **

STUDENT ACTIVITIES TEAM WINS

The Student Activities volleyball team won three consecutive matches Dec. 1 to be crowned faculty/staff volleyball champions. Housing/Recreational Sports came in second, followed by Business, Information Services/Financial Aid, The Psychotics and University Relations and Development.

Members of the winning team were Rick Barnes, Bart Brookins, Mark Dewbre, Logan Hampton, Carol Ann Lane, Larry Markley, Laura Puckett, John Simmons and Ann Trask.

M.L.A. COURSES TO EXAMINE AMERICAN SOCIETY

Various aspects of American society will be highlighted in this spring's offerings of Master of Liberal Arts courses. The program, now in its 15th year, is open to those with bachelor's degrees from accredited colleges or universities.

Classes, meeting once weekly, will be the following:

- "Alternatives in Urban Living: A Humanistic Approach," taught by Bill Ray at 7 p.m. Tuesdays. The course will examine and critique urban living.
- "Politics, Power and the Presidency," looking at major characteristics of the American political system which will affect the 1988 White House race. Eugene Alpert will teach the class at 7 p.m. Thursdays.
- "Speech and Cognition," meeting Tuesdays at 7 p.m. Joe Helmick will focus on the relationship between brain organization and human communication.
- "Communication and Organizations," an examination of communication problems which affect corporations and non-profit institutions. Larry Lauer will lead the 7 p.m. Monday class.
- "States of Consciousness," Wednesdays at 7 p.m. Richard Fenker will look at various states of human consciousness including wakefulness, deep sleep, hypnosis, meditation and drug-induced states.
- "The American Drug Experience," taught by Arthur Berliner Mondays at 4 p.m. The course will identify the 19th Century origins of widespread drug use in America and will examine social aspects of contemporary drug use.
- "The Economic Fabric of American Society," Wednesdays at 5:30 p.m. at Carswell Air Force Base. The class, focusing on the basic structure of the American economy, will be taught by Floyd Durham.
- "The American Military Experience," examining the United States military establishment from colonial times to the present. Spencer Tucker will teach the class Mondays at 5:30 p.m., also at Carswell.

Both courses on base at Carswell are open to all M.L.A. students.

M.L.A. participants, along with School of Business students, will register from 6:30 to 8 p.m. Jan. 6. All other evening students will register from 6:30 to 8 p.m. Jan. 7. General registration will be held Jan. 8 from 8 to 11:15 a.m. and 1 to 3:15 p.m. All registration will be in the Rickel Building, and classes begin Jan. 11. Additional information is available from the Office of Graduate Studies, Ext. 7515.

*** **

MINISTERS WEEK SPEAKERS ANNOUNCED

Representatives of three major universities will be speakers for Ministers Week Feb. 8-11 at University Christian Church.

The evening Wells Sermons will be delivered by Rev. Prof. Peter J. Gomes of Memorial Church, Harvard University. McFadin Lecturer will be Dr. David G. Buttrick, professor of homiletics and liturgies at Vanderbilt, and the Scott Lectures will be delivered by Dr. Don Browning, Alexander Campbell Professor of Religion and Psychological Studies at the University of Chicago Divinity School.

NEW FACULTY, STAFF APPOINTMENTS

Holder of a B.S. degree in biology from George Washington University, RENEE PETTIS GORDON joined the alcohol and drug education program staff as research assistant in mid-November. She was a conservation/public affairs intern with The Wilderness Society in 1985-86.

SHANNON NITCHOLAS THOMPSON, who earned the B.S. degree here in 1985, joined the alumni and special programs staff as assistant director Nov. 2. Formerly of Plano, she was named to the listing of Outstanding Young Women of America last year. She was an assistant buyer with Sanger Harris prior to being named a store manager with Monnig's in July.

Holder of two degrees from Lamar University, PHYLLIS MILLER was a journalism instructor for two years at Texas A&M and completed the Ph.D. there in August before joining the TCU faculty. The former news director for KPXE Radio in Liberty was honored by the Texas Association of Broadcasters in 1981 for "best coverage of a single event." Since last year she has produced the player profile segment of the Jackie Sherrill Show, and this fall she has been editor for the A&M football programs.

*** **

TREE SALES TO BENEFIT YOUTH ACTIVITIES

Fort Worth Optimists are selling both green and flocked Christmas trees with proceeds going to support community youth activities, according to member Tom Cooper of military science. Flocked trees are on sale 8 a.m.-8 p.m. in the sheep barn of the Will Rogers Complex on Crestline Road, and green trees are available 9 a.m.-9 p.m. at Farrington Field. More details are available from Tom at Ext. 7455.

*** **

FACULTY, STAFF MEMBERS ADD TO FUND

A number of faculty and staff members are contributing to the annual holiday scholarship fund in lieu of Christmas cards to on-campus friends. Contributions can be made to the Financial Aid Office, Sadler Hall 108, during the week or mailed to Box 30787.

All contributors will be listed in the next Weekly Bulletin issue, scheduled for Jan. 12.

*** **

SWIM SESSIONS CANCELED

The 7:30-8:50 a.m. swim sessions at the Rickel Building will be discontinued beginning tomorrow (Wednesday), resuming at the start of the spring semester Jan. 11.

FORMER AMBASSADOR TO TEACH HERE

Kidane-Mariam Betrou, former Ethiopia ambassador to Egypt, will teach here this spring a subject he knows well--African political systems. In 1985 Betrou resigned from his ambassadorial post in Egypt, where he had been dean of the diplomatic corps. He and his family sought political asylum in the United States, ending a 25-year diplomatic career. He now resides in Fort Worth with his wife and three children.

A 1961 graduate of the University College of Addis Ababa, he received his LL.B. degree two years later from Haile-Selassie University, Addis Ababa, in a program sponsored by the Ford Foundation and taught by professors from the University of Chicago. Earlier he had served as director general of administration for the Ethiopian Ministry of Interior, and in 1961 he began his diplomatic career as director general at the Somali Desk of Foreign Affairs in Addis Ababa.

Later he served as first secretary and charge d'affaires at the Ethiopian embassy in Somali, as consul general at the Ethiopian consulate in South Yemen and as chief administrator of the Gojam Region of Ethiopia. After two years as ambassador designate, Betrou was appointed Ambassador Extraordinary and Plenipotentiary of Ethiopia to Egypt in 1977. Since coming to the United States, he has participated in a Conference on Soviet Expansion in Africa sponsored by the Jamestown Foundation in Washington, DC, and has been guest speaker at meetings of the Fort Worth Council on World Affairs.

*** **

LATE NIGHT STUDY BREAKS FEATURE GAMES, BREAKFAST

To give students relief from the mental rigors and physical limitations of studying for finals, the Rickel Building will stay open until midnight Dec. 14-15. Students wanting some exercise between study sessions can play basketball, volleyball and racquetball or lift weights.

Chancellor Bill Tucker will be joined by the vice chancellors in serving a finals week late night breakfast to students Dec. 15 at 11 p.m. in the Student Center cafeteria. Also at the traditional study break will be Santa Claus and his elves for Christmas caroling and treats. Cost of the breakfast is \$1.75.

*** **

FACULTY ASSEMBLY POSTPONED

The faculty assembly scheduled for today (Tuesday) has been postponed until early next semester, when both Chancellor Tucker and Vice Chancellor Bill Koehler can be present to continue the discussion of goals and priorities for the University. Faculty Senate chair Daryl Schmidt said the new date will be announced early next year.

*** **

PROOFS AWAIT SELECTIONS

Proofs of photos made earlier this fall by Linda Kaye have not been checked yet by a few faculty and staff members. Contact sheets are available in the News Service, Sadler Hall 321, for individual selections. These should be made by Dec. 18.

SERVICES HELD DEC. 1 FOR LAGRONE

Funeral services were conducted Dec. 1 at Greenwood Funeral Home for Cyrus LaGrone, emeritus professor of psychology who died Nov. 28 following a lengthy illness. Chancellor Emeritus J.M. Moudy participated in the service, and burial was in Greenwood Memorial Park.

Retired in 1975 after 28 years on the TCU faculty, Cy chaired the psychology department in 1950-66 and inaugurated its doctoral program. He was an assistant professor at the University of Southern California before coming to TCU in 1947. He also had been on the faculty at Lee Junior College in Baytown and at the University of Texas.

Cy, who earned the B.A. at East Texas State University in 1930, completed the master's and Ph.D. degrees at UT. He held a Ford Fellowship for post-doctoral study at Columbia University in 1952-53. Past president of the Texas Psychological Association, he was a fellow in clinical psychology of the American Psychological Association and was active in the American Association for the Advancement of Science and Psi Chi. He was certified by the American Board of Examiners in Professional Psychology in the specialty of clinical psychology.

A clinical psychologist in the Army and Air Force medical corps during World War II and holder of the rank of lieutenant colonel, he was widely known for his studies in such publications as American Journal of Orthopsychiatry, Mental Hygiene, Journal of Experimental Psychology, Journal of Consulting Psychology and American Journal of Psychiatry. His distinguished listings included Leaders in American Education, Leaders in American Science, Dictionary of International Biography, American Men of Science and World's Who's Who in Science.

Survivors include his wife, Bess LaGrone; a stepson, Carl Giovanni, and a stepdaughter, Emaline Flory; a brother, Herb LaGrone, emeritus dean of education; and a sister, Imogene Whatley, emeritus associate professor of home economics. All reside in Fort Worth.

*** **

FORMER CAGERS MAKE PRO LISTING

Seven former Frog cagers were included on the opening-day roster of the Continental Basketball Association. Representing their alma mater in the pros now are Gregg Grissom with the Albany Patroons; Brian Christensen and Tracy Mitchell, Charleston Gunners; Tony Papa, Mississippi Jets; Dennis Nutt and Jamie Dixon, LaCrosse Catbirds; and Carven Holcombe, Rochester Flyers.

*** **

SERVICE EVENT TO BE IN SPRING

The annual awards program designed to recognize employees' lengthy service to the University will be held in the spring. For several years the reception presentation event has been conducted during the fall semester. Date and details will be announced later.

CALENDAR OF EVENTS

- Dec. 8 --Modern dance master class by Lynda Davis of Florida State University, head of the choreographic workshop for the American Dance Festival, Ballet Building Studio I, 9:30-11 a.m. The class is open for viewing.
 --TCU Woman's Club Christmas Luncheon, Student Center Woodson Room, 11:30 a.m.
- Dec. 9 --Final day of classes for the fall semester.
- Dec. 10 --Study day.
- Dec. 11 --Study day.
- Dec. 12 --Women's basketball, TCU vs. Brigham Young, TCU Daniel-Meyer Coliseum, 7:30 p.m.
- Dec. 14 --Final exams, through Dec. 18.
 --Carols by Candlelight, Robert Carr Chapel, 10:30 p.m.

CLASSIFIED

FOR SALE: Qume terminal, Model QVT 108, amber screen. \$200 or best offer. Call Cynthia, Ext. 6617 or 924-2862.

FOR RENT TO GRADUATE STUDENT: Studio garage apartment, pine-paneled, fireplace, carpeted, air conditioning, central heat, driveway parking; \$300 furnished, \$280 unfurnished; 2417 Colonial Parkway. Call 923-5231.

LOST: Silk scarf in vicinity of stadium parking lot Nov. 24 or 25; colors are special and cannot be duplicated. Call Helen Boyer, Health Center, Ext. 7940.

FOR SALE: Antique buffet; beveled glass, hand-carved wood design, good condition: \$300. Call Ext. 7130 or 923-2153.

FOR SALE: HO-scale model train kits, \$2 each; engines, \$5-\$8 each. Call Vicky at Ext. 7121 or at 295-9592 after 6 p.m.

FOR SALE: Beautiful TCU-area three-bedroom home at 3108 Odessa, totally redone inside, all hardwood floors, central heat and air, storm windows, built-in subzero refrigerator, breakfast nook, two-car garage. Call 924-3449.

FOR SALE: 1979 Chrysler Le Baron (Medallion), 81,000 miles, excellent condition. Call 346-0732 after 7 p.m.

FOR SALE: Chrome rollbar for full-size pickup; \$200 or best offer. Call 924-8536.

WANT TO HOUSE-SIT: Adjunct faculty member available to house-sit during spring semester. Call Susan Roberts at Ext. 7615.

FOR RENT: Three-room furnished cottage near TCU; air conditioning, panel ray heat; no pets; \$225 monthly plus bills; available Dec. 30. Call 927-7919.

GRAD STUDENT WANTED: Separate quarters in a home not far from campus available at no charge in exchange for some house-sitting and limited care of small animals; sitting room/bedroom combination, bath, private entrance; limited kitchen privileges. Call 626-3322.

*** **

OFFICIAL ABSENCES

December 2, 1987

Students listed below must make up any class assignments that were missed. It is the responsibility of the student to arrange with his/her professor for the make-up. If you have any questions, call 921-7855.

The Women's Basketball Team members after 6 p.m., November 30, to participate in a game at the University of Texas at Arlington:
 Teresia Hudson
 Bryan Mize, Sports Information Dept.

The Women's Basketball Team that will leave campus at 5 p.m., December 8, to participate in a game at NTSU, Denton:
 Carol Glover
 Teresia Hudson
 Beth Naughton

The Men's Basketball Team members that will participate in the Carrier Classic at Syracuse, NY, after 7 a.m., Thursday, December 3, and all day December 4:

Norman Anderson	Broderick President
Jeff Boutelle	Chris Risenhoover
Tim Chase	Bryan Stinchcomb
Edwin Fromayan	Todd Willis
Danny Hughes	August Klinkenburg
Rod Jacques	Arthur Wharton
Terry Jefferson	Larry Rogers
John Lewis	Brad Escoe
Randy Parker	