



NEWS BRIEFS

Newsletter changes publication schedule

TI Alumni Connected now will come out in April, July, October and January. The newsletter publication changed its original schedule (March, June, September and December) because the new timing fits better with the TIAA event schedule. June 1 will be the July issue deadline.

Save the dates!

Sept. 12 - TIAA charity golf tournament.

Sept. 14 - TIAA drug benefit seminar.

Visit the TI Alumni Association Web site, www.tialumni.org.



**TIAA to hold annual meeting in Hall of State
Event set for May 25 in Fair Park**

TI Alumni Association sixth annual meeting will be at 10:15 a.m. Wednesday, May 25, in the ground floor Hall of State auditorium at Fair Park in Dallas.

TI Chairman Tom Engibous will give an update on TI's business. Also, details of plans for the company's 75th anniversary will be announced. Refreshments will be served from 9:15 to 10 a.m.

TIAA will elect officers for the 2005-2006 year who will take office July 1. The slate will be posted on the TIAA Web site as soon as the nominating committee completes it. The officers to be elected are president, executive vice president, secretary and treasurer.

The current officers are Ed Hassler, president; Jon Jackson, executive vice president; Sharlene Tucker, secretary; and Ruth Lee, treasurer. All are eligible for reelection for one-year terms.

Retirees who are not TIAA members may attend and join the association at the registration desk.

The Hall of State was built in 1936 for the Texas Centennial and serves as a shrine to Texas history. The building is open from 9 a.m. until 5 p.m. TIAA meeting attendees may visit the exhibits without charge. There are three special exhibits — Cinco de Mayo, Juneteenth and Many Faces of Texas — in addition to the permanent American Miniature Museum.



The Hall of State at Fair Park is site of the 2005 TIAA annual meeting. The meeting begins at 10 a.m. May 25, and transportation is available from the Dallas Texans Activity Center.

This museum houses dollhouse miniatures of many historical Dallas area buildings.

Parking is free. The nearest parking lot is north of the Hall of State. Enter Fair Park through the credentials gate, off Parry Avenue near the Haskell intersection. Drive east on Washington Avenue, past the Age of Steam Railroad Museum, and park in the large lot located to the south of this street. This lot extends from Centennial Hall to the Food & Drink Pavilion. Parking near the east end of

this lot is the closest to the Texas Hall of State.

Ground level access to the Hall of State is through the public entrance on the north side of the building. There is a narrow circular service drive to this entrance off of Nimitz Avenue for those who do not want to walk the several hundred feet to the building. No parking is available in the circular drive.

Three steps lead down from the entrance foyer level to the ground floor. A wheelchair lift is located

to the left of the entrance foyer through a door, which is marked with the handicapped symbol. The ground level entrance to the wheelchair lift is next to the elevator that serves all floors of the building except for the ground-level entrance foyer level.

TIAA will provide bus transportation to the annual meeting from the Dallas Texans Activity Center for \$5. Buses will depart from Texans at 9 and 9:15 a.m. and will return at noon and 1 p.m. For reservations, call TIAA, 972-995-8393.

**TI to celebrate 75th Anniversary May 16
Numerous events planned to commemorate special achievement**

By Max Post

Texas Instruments is in the final planning stages for celebration of its 75th Anniversary. The official date is May 16.

That was the day in 1930 when John Clarence Karcher and Eugene McDermott filed the papers with the State of New Jersey to charter their company, Geophysical Service, which became known around the world as GSI. The name was changed to Texas Instruments Incorporated in late 1951.

The activities planned include a series of full-page ads in the Dallas Morning News in the month of May; a 272-page book on TI's history of innovations, its people, and its impact on the world; a Web site virtual museum that chronicles TI's progress through the years;

and coordination of other activities with the TI Alumni Association.

The Dallas Morning News is recognizing a number of companies headquartered in the Metroplex in a series it calls "World Class Headquarters DFW." The paper will feature full-page stories on TI for 28 days in May.

A 14-member retiree advisory council, along with a number of active TIers, is continuing to work on the history project. As of this newsletter's press time, most of the book chapters are written and in the last phase of editing and photo selection.

The group has been involved for the past year in research for the book and working with Caleb Pirtle, the writer, to capture highlights of TI's past 75 years. This has been a daunting task and more work than the vol-

unteer retirees had ever expected.

Dot Adler, a former GSI Grapevine editor and history team member, commented, "Compiling the stories in TI's history has been a team effort by retired and active TIers. TI technologies changed as the world changed, but the legacy of the founders continues to impact TI today."

John Byers stated, "It was fascinating to learn about TI's "grass roots" GSI activities, and inspirational to work on the history project with an enthusiastic group of talented retirees."

Ed Millis said that, in the process of doing research for the book, he has gained a tremendous amount of respect for the people who developed the silicon transistor and the silicon refinery pro-

jects. "I had no idea how difficult they were until now," he said.

Most of the retirees would agree that the hardest part of the project was that they couldn't get all the stories into the book because of space limitations.

Other retirees on the history council include Jim Adams, Harvey Cragon, Ralph Doshier, Ed Hassler, Gene Helms, Sherel Horsley, Jon Jackson, Linda Lambert, Jim Peterman, Max Post, and John W. Wilson.

A mailing to retirees in the summer will give details on how the book can be purchased at a discount through the TI Alumni Association. In the meantime, watch the TIAA Web site at www.tialumni.org for details and future newsletters.



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ALUMNI NEWS

CALENDAR

April

19 —Texins Retiree Club. 10 a.m., Texins Activity Center. Covered dish lunch, with music by the Deep Harmony Quartet, a retired male group. Call Tom Gregory, 972-412-9332.

21 —Senior Connection support group for job seekers 50+. Topic: Getting the Most Out of a Job Fair. 10-11:30 a.m., The Senior Source, 1215 Skiles St., Dallas. RSVP required. Call 214-823-5700.

May

4 — Senior Connection support group for job seekers 50+. Topic: To be announced. 10-11:30 a.m., The Senior Source, 1215 Skiles St., Dallas. RSVP required. Call 214-823-5700.

14 — TI Reunion Club Breakfast, 10 a.m., Denny's Restaurant on Motor St. Call Gladys Jones, 214-376-9725, or Willie Demus, 214-331-2111.

14 —Semiconductor General Products retiree reunion, 11 a.m. in SC Building Cafeteria. Barbecue lunch catered by Eddie Deen. Enter TI site at Gate 6 on TI Blvd. (formerly Floyd Rd.) Show drivers license for identification. Send check for \$12 per person, payable to Jim Hamilton, to Jim at 2702 Sam Houston, Garland, TX 75042 by April 22. Contact Joann Nelson at nelsonpj@flash.net or phone 972-564-1054.

16 — TI 75th Anniversary.

17 — Texins Retiree Club. 10 a.m., Annual fish fry at Huffhines Park, Richardson. In covered pavilion at N. Plano Rd. and 1500 Apollo Rd. Fried catfish will be provided. Bring a covered dish. Call Tom Gregory, 972-412-9332.

19 — Senior Connection support group for job seekers 50+. Topic: To be announced. 10-11:30 a.m., The Senior Source, 1215 Skiles St., Dallas. RSVP required. Call 214-823-5700.

21 — TI Jazz Band spring concert at Collin County Community College. Call 972-995-5299.

25 — TIAA Annual Business Meeting at Hall of State, Fair Park. 9:15 a.m., refreshments. 10:15 a.m., meeting. Buses depart Dallas Texins Activity Center at 9 and 9:15 a.m. and return at 12 noon and 1 p.m. Cost of bus transportation is \$5 per person. Call TIAA, 972-995-8393, for reservations.

June

2 — Senior Connection support group for job seekers 50+. 10-11:30 a.m., The Senior Source, 1215 Skiles St., Dallas. Call 214-823-5700.

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Mark Your Calendar for TIAA Group Travel

Looking to get out of the house this spring and summer? The TI Alumni Association offers several opportunities for group adventure. Catch up with old friends - or make some new ones - by joining us on one of these getaways!

April 15 - Go to Ennis Bluebonnet Festival, home of the official Texas Bluebonnet Trail. Festival includes antique show, vendors and Heritage Society tour docents. Depart Dallas Texins Activity Center at 9:30 a.m. and return at 4:30 p.m. on TI bus for \$10 per person.

May 10-11 - Travel to Oklahoma City to visit National Memorial to Murrah Federal Building bombing victims, National Cowboy Hall of Fame and Western Heritage Center, State Capital and Myriad Botanical Gardens. Total cost of approximately \$130 per person includes bus transportation, hotel and museum admissions.

June 8 - Ride DART bus free to the Frontiers of Flight Museum at Love Field. Depart Texins at 9:30 a.m. for the museum (seniors group admission \$5). Have lunch at your own expense at Ole Whiskers Seafood Buffet, LBJ & Greenville - all you can eat for \$7.95 per person. Return to Texins at 2:30 p.m.

July 9 - Go by TI bus to Parker County 22nd Annual Peach Festival in historic downtown Weatherford. Event features more than 200 arts and crafts vendors; sweet, juicy Parker County peach treats (ice cream, cobbler, juleps/smoothies, or just plain peaches to eat!); non-stop entertainment and food court. Depart Texins at 8:30 a.m. and return at 5 p.m. Cost is \$10 per person for transportation plus any personal purchases.

Aug. 31-Sept. 11 - Enjoy an Alaska cruise tour, with voyage on the Island Princess. Fly to Fairbanks. Ride sternwheeler riverboat down the Chena and Tanana Rivers. Take rail car to Denali National Park and sightsee by motor coach. Board rail car at Talkeetna for Whittier. Cruise on Island Princess to College Fjord, Glacier Bay, Skagway, Juneau, Ketchikan, and Vancouver. Return from Vancouver to D/FW International Airport. Prices per person are: Inside cabin, \$2,751; outside cabin, \$3,021; balcony, \$3,176. Tour package includes roundtrip airfare from D/FW International Airport, transfers, land package (meals on land not included), cruise, port charges, fees and taxes. Deposit of \$350 per person is due now. Phone Kathleen Humphrey, 972-675-0832.

For all trips except Alaska cruise, phone Doris Mott at TIAA, 972-995-8393, for more information or to sign up.

Where to call

Save this reference list of useful phone numbers for TI and TI-Raytheon retirees.

TI Health and Financial Benefit Plans

1-800-890-2600 TI SmartLink. Consolidates all benefit phone numbers into voice recognition 24-hour telephone system. To talk to TI Benefits Center representative Monday - Friday 8:30 a.m. to 4:30 p.m. Central Time, enter or speak your Social Security number, select TI Benefits Center item from menu and then enter your Hewitt password. Or you can direct dial service providers at the following numbers:

1-888-377-7896 — Employee Stock Purchase Plan Service Center - Computershare.

1-800-888-2273 — Employee Assistance Program - Magellan.

1-866-866-2300 — Blue Cross Blue Shield (BCBS) PPO Plan (www.bxbstx.com/members).

1-800-557-5749 — Caremark (formerly AdvancePCS) (www.advancercx.com).

NOTE: Effective June 1, 2004, the CareEnhance Nurse Advice Line and CareEnhance Online are no longer available to TI active employees or retirees. However, you may access similar information online through the Mayo Clinic HealthQuest at www.mayoclinic.com.

1-800-942-0854 — MetLife Dental Basic/Dental Plus.

1-800-772-1416 — Aetna DMO.

1-800-422-4234 — DeltaCare DHMO, Main Number.

1-800-804-4384 — Vision One Eye-Care Discount Program.

1-877-719-9860 — HFC LivingFree Smoking Cessation Program.

1-800-633-4227 — Medicare benefits and claim status.

1-800-888-9560 — PNT nutrition network. (In Dallas area, call 972-238-1811.)

1-800-597-7516 — UBS Financial Services (Stock Options).

1-800-981-8676 — Computershare Investor Services (TI Stock Accounts)

You may also access Your Benefits Resources (YBR Web site) via www.tialumni.org. (Social Security number and password required for logon to YBR).

Raytheon Health Benefit Plans

(TI-Raytheon Systems retirees should have your Social Security number and personal identification number available when you call.)

1-800-358-1231 — Raytheon Benefits Center. (TDD 1-800-562-2307) Or visit raytheon.benefitcenter.com

1-800-638-8884 — United Health Care (www.myuhc.com).

1-800-559-4244 — Wausau Benefits Medicare Plus Plan (www.wausaubenefits.com).

1-800-866-7008 (TDD 1-800-562-2307) — 24-Hour Employee Assistance Program (www.liferesourcesray.com).

1-800-864-1431 — Prescription Services (www.medcohealth.com).

1-800-877-7195 — Vision Service Plan (www.vsp.com).

1-888-262-4877 — MetLife Dental Customer Service.

Check with the Raytheon Benefits Center or Web site for latest benefit contact information.

Texins Retiree Club (Dallas area)

972-242-3939 — Lucy Salas, president, and

972-412-9332 — Tom Gregory, vice president, have information on activities, dues and meeting schedule.

TI Alumni Association

972-995-8393 — Main number for TIAA. (Or visit website at <http://www.tialumni.org>.) Also call for questions about quarterly newsletter *TI Alumni Connected*.

214-808-4984 or 972-231-3417 — Ed Hassler, president, has information on membership dues and activities.

TI-ALUMNI CONNECTED

The TI-Alumni edition of *Connected* is sponsored by the Communications Team of the TI Alumni Association. The Alumni edition's goal is to help foster and maintain a sense of community among the retirees of Texas Instruments.

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ALUMNI NEWS

An author by design

Retiree's new text guides engineers in analog and digital circuit design

By John W. Wilson

Gerald (Jerry) Luecke's latest book, published in September, amply demonstrates that he is no neophyte in the field of instructional writing and publishing.

The retired TIER's name appears as contributor, editor, co-author or author on an impressive list of books about the fundamental concepts of electricity and electronics, integrated circuits, and digital electronics. Additionally, he was one of the founders of a technical book publisher (Master Publishing, Inc.) and served that firm as a consultant for five years.

The title of his new book is impressive in itself: *Analog and Digital Circuits for Electronic Control Systems Applications: Using the TI MSP430 Microcontroller*. (©2004 Butterworth-Heinemann, Div. of Reed-Elsevier, Inc. \$49.95.) The book's 328 pages cover 10 chapters including a microcontroller applications project. An accompanying CD-ROM contains microcontroller application notes, code for the book's software examples, and problem solutions.

Jerry says the major market for his book is the beginning engineer who is given the task of designing

an analog control system. It introduces the engineer to the "new" technique of sensing the analog quantity, signal conditioning it, converting it to digital, doing all computation with digital processors, converting it back to analog and outputting the data to complete the task.

Though not a textbook in the strictest sense (since it has no problem sets), it does have a quiz at the end of each chapter to reinforce the student's learning. In addition to the beginning engineer, Jerry sees a broader market for the book extending to students in junior colleges, community colleges, trade schools and specialty electronic or computer science schools such as DeVry Institute.

Jerry's 32-year TI career grew along with the expansion of semiconductors in the marketplace. He is an Illinois native with a bachelor's degree in Electrical Engineering from the University of Iowa and an MSEE from Northwestern University. He joined TI in 1957 as an applications engineer at the Lemmon Avenue plant in Dallas after working at Victor Adding

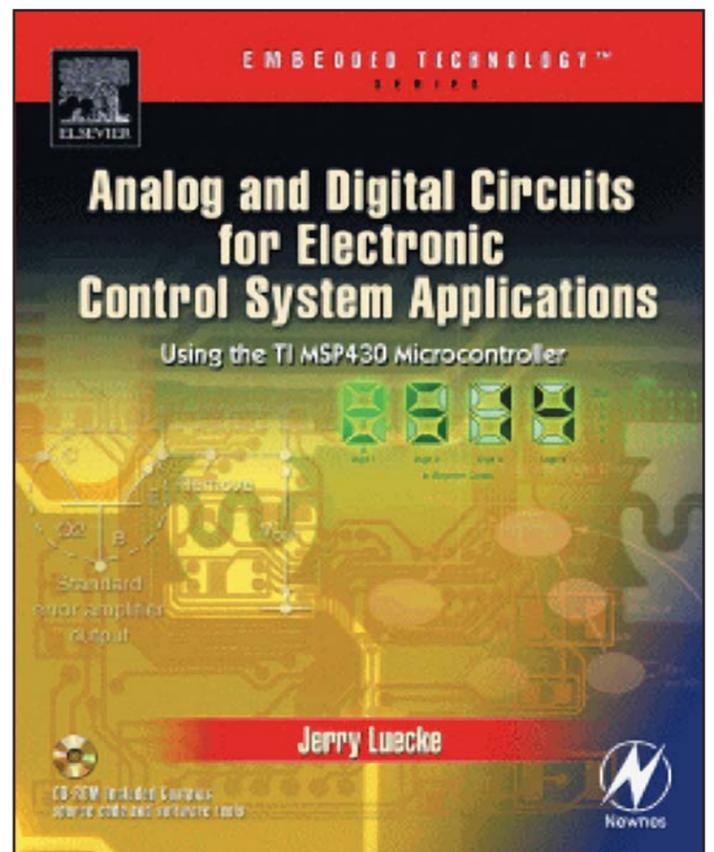


Jerry Luecke is an established author for engineers.

Machine Company since 1951. He went on to become a design engineering manager and worked under Jack Kilby, designing the first Minuteman integrated circuits and the initial TI integrated circuit families.

Jerry later developed books and TI Learning Center educational materials for the Semiconductor (SC) Division. He retired in 1989 as manager of The University Program in SC Marketing.

Titles he has authored or co-authored include *Semiconductor*



Memory Design and Application (1973), *Understanding Microprocessors* (1979), *Understanding Communications Systems* (1981), *Installing Your Own Telephones* (1986), and *Basic Communications Electronics* (1999). In the TI Learning Center's "Understanding" series, he was also a contributor to *Understanding Automotive Electronics* (1982), *Understanding Automation Systems* (1983), and *Understanding Data Communications* (1984).

In retirement, Jerry has obvi-

ously maintained his interest in engineering education. His current circuit design text is a prime example of informing engineers on how to apply signal processing to solve real-world control problems.

For online information about Jerry's new book, check out the Retiree Bookstore on the TI Alumni Association Web site at www.tialumni.org and click on the image of the book cover. If you order through Amazon (www.amazon.com) your Alumni Association benefits as an Associate.



TI Trips

Above, TIAA members went to Downtown Dallas Feb. 23 to visit the Sixth Floor Museum at Dealey Plaza and see exhibits on the life, death and legacy of President John F. Kennedy. Pictured are Ada O'Steen, Carolyn Vail, Doris Mott, Jon Jackson and Ronnie Brandenburg.

At right, Carolyn Vail and Betty and Tom Gregory were among 39 TIAA and Texins Retiree Club members who toured the Nasher Sculpture Gardens on Sept. 21. The group also toured the Crow Collection of Asian Art as part of a day trip to downtown Dallas. To see what group excursions are planned in the future, see page 2.



United Way seeks retirees for funding request panels

The United Way of Greater Dallas annually needs a few good TI retiree volunteers to serve on allocation review panels.

These teams review United Way agency funding requests and recommend an appropriate level to the United Way professional staff, which makes the final funding decision.

This year, TI retirees Ed Dardaganian, J.L. Brand and Ed Hassler are participating in the

process. All were assigned to the Substance Abuse panel.

Ed Hassler said one growing experience this work brings is exposure to the agencies serving areas he only heard about in the news.

"Panel participants learn the scope of the problems, what is being done to solve those problems and get an arm's-length look at the individuals who need the services of these agencies," Ed pointed out. "Tiers find this particularly

rewarding, since the United Way is changing from a quantitative evaluation process to a qualitative evaluation process. This reminds us of our days evaluating OST (objectives, strategies and tactics) proposals," Ed said. "Some other volunteers wonder how we know so much about the evaluation process from the get-go. We are the experts!"

For years, TI employees and retirees have been the United Way of

Greater Dallas' largest contributors.

The area's United Way — which serves Metropolitan Dallas, Collin County, Greater Lewisville and Rockwall County — has many allocation review panels. Each focuses on a defined area of need. Participation requires five to seven meetings and training sessions at the United Way building in downtown Dallas and several days of site visits at the agencies the panel is reviewing. The meetings and vis-

its typically take place from January through April.

To get more information about United Way volunteer opportunities, go to the Web site www.unit-edwaydallas.org, place the cursor over the "Get Connected" link (on the top blue bar) and click on the "Time & Talent" line in the menu. Or contact Ed Hassler at 214-808-4984 or 972-231-3417, or send e-mail to ehassler@swbell.net.

ALUMNI NEWS

ALUMNI'S BIG EVENT RETURNS

Organizers making it bigger, better in 2005

By Ed Hassler and Hector Cárdenas

The 2005 TI retiree Big Event Nov. 9 at Market Hall in Dallas will celebrate the 75th anniversary of the founding of Texas Instruments' precursor Geophysical Service Inc.

We will have exhibits related to TI history and will have the official TI history book and books by other TI authors available for sale.

That is a lot of program, and we are not even started with the detailed planning. However, based on survey results from the 2004 Big Event, there are some things we know already.

- Almost everyone liked using the dining area both for meeting and conversation.
- The acoustics last year were bad, and people told us they could not hear. In 2005, the sound will be as good as in 2003 because the dining area will be arranged as it was in 2003.
- Upgraded, more comfortable seating is a must. It is not budget friendly, but we will work with that. Not having the complaints about the chairs was well worth the cost.
- Lack of flu shots at the 2004 event was a real downer. After the invitations were mailed, we were notified that no vaccine was available for the event. We intend to have flu shots at the



Bill Stearns (center, in yellow shirt) encourages Barbara and Bill Brown and Ron and Mary Lou Webb to fill out survey forms at the 2004 TI retiree Big Event. This year's event is set for Nov. 9 at Market Hall in Dallas and will celebrate the 75th anniversary of the founding of Texas Instruments' precursor, Geophysical Service Inc. (Photo by Hector Cardenas)

2005 event if there are no supply problems.

- Celebrating TI's 75th anniversary will make the 2005 event very memorable. We will have additional exhibitors, both for the anniversary and in general.
- We will use Market Hall for the third year because it provides the contiguous space we need for a cohesive event, it has convenient parking and other facilities, it is affordable within our budget, and it is

somewhat centrally located relative to our population. We are looking for other places, but so far Market Hall provides the best overall situation.

- At the 2004 event, most questionnaires were filled out completely, but a significant number had missing responses in some categories. Event-specific questions received the highest response rates (over 90 percent). Communications and benefits category questions had

lower overall response rates (in the 60 percent range).

- Retirees listed seeing TI friends and getting TI information and benefits updates as the primary event benefits. The changes most requested were flu shots in 2005, a better sound system, more exhibits and an alternate event site

The TI Alumni Association committees work hard to plan and provide the Big Event annually. It is always a very big task but the

By the numbers (2004 Event statistics)

For those who are interested in the 2004 Big Event numbers:

- 618 surveys were collected.
- 87% of survey respondents were TIAA members.
- 1,050 people ate lunch and drank 50 gallons of coffee.
- 97% liked the overall event.
- 95% liked the exhibits.
- 83% liked the event site.
- 42% have used the TIAA Web site.
- 64% of those find the information beneficial.
- 59% prefer or accept TIAA communication via e-mail.
- 11% were attending for the first time.
- 19% traveled more than 50 miles to attend.

team is happy to do this for TI retirees under TI sponsorship.

We hope that all 2004 attendees enjoyed the event and that you will return and encourage other TI retiree friends to attend in 2005, particularly in this special year of the 75th anniversary of the incorporation of TI. Planning for the 2005 event has already started. You are invited to join TIAA and to participate as a member of the 2005 Big Event team.

NEWS BRIEFS

TIAA seminar addresses long-term care options

Attorney Mike Cohen, an elder law specialist, addressed the rules for obtaining Medicaid coverage for people who don't have and can't qualify for long-term care insurance a part of a TIAA seminar on Feb. 22. About 200 retirees attended the seminar at Plano Centre.

The presentation slides and handout are posted on the TIAA Web site at www.tialumni.org/new/financial_seminar_archive.asp. Or, go to www.tialumni.org/new/education.asp. Then, click on the Financial Seminar Archives link, located in the left margin of the Ongoing Education page.

Retiree Artists Are Winners

Two TI Alumni Association members were winners in the 2004 On Your Own Time art contest, a TI Tech Smart Big Heart community service program.

Jeanie Edwards won first place for her painting "Table for Two" in works on canvas, amateur division, and Dorothy McAllister won second place for her painting "Howdy" in works on paper, amateur division. Congratulations to these two winners!



Happy New Year!

Above, Phyllis and Reuben Turlington were among the TIAA members who celebrated New Year's Eve at Granbury Live!

Photo finish

Left, TIAA members visited Fort Worth museums during a day trip Sept. 15. Here, the group is shown changing Trinity Railway Express trains at CentrePort en route to the museums. Pictured are Ken and Fran Zapp, Doris Mott, Carrie Allison, Jerry Brandenburg, Maggie Neal, Bettye Vinson, Verdie Furgurson, Luis Londono, Dot Adler and Dave Noble.

