

Meet Karl Renner Who Retired after 50 Years at TI

Karl is the son of Darwin Renner, who was the first engineer hired by GSI during the 1940's. He joined TI Semiconductor as a co-op student while a sophomore at SMU in 1964. He has seen the evolution of many devices that make our lives easier such as the calculator, the PC, digital TV and the smart phone.

As a co-op Karl's jobs included being a test box assembler, a tour guide, a draftsman, a data analyst, and a Fortran programmer. After serving in the Army, he finished his PhD EE work at SMU and worked as an analog IC designer on the phase lock loop stereo decoder and audio amplifier. Karl then went to Sherman to work on the design of low power I2L digital chips for a family of LED watches and an LCD watch called Starburst which had an analog like display under Dwain Chaffin.

He transferred from Sherman to Dallas to work in the Circuits Design Development Department headed by Len Short, where he worked on such projects as the Canon A1 camera and the PBS captioning-for-the-deaf system. In the early 1980s Karl moved to DSEG to work on the VHSIC development of an array processor under John Shanklin and Dennis Best. He moved back to a design group in SC before DSEG was sold to Raytheon. He worked on the analog composite video decoder which used DSP techniques to extract and output the luma and chrome digital components.

Karl ended his 50 year career at TI working on high-def TV chips that included a scaler, edge detail enhancement, and RF modulator (channels 3 & 4) blocks and then moved into a software development effort for C5000 and C6000 DSPs. This software effort included key shift for a voice recorder (adjusting pitch and playback speed), asynchronous sample rate conversion for USB and automotive audio applications, adaptive spectral noise reduction for voice applications, and real and complex matrix decomposition for a DSP library.

Karl is married to Rufina. He plans to write some Kindle books, work part time as a consultant and teacher and do some traveling. He looks forward to the next 50 years with the same enthusiasm and zest for life as he had during his 50 years at TI.

TIAA Annual Meeting Set for the Arboretum

The TIAA Annual Meeting will be held on Thursday, May 14 from 1:00 to 3:00 pm at the Dallas Arboretum and Botanical Garden, 8525 Garland Rd. Refreshments will be provided and buses will run from the Texins Activity Center on the Expressway Site at 12:30 pm and return at 4 pm. Parking will be available at the Arboretum for those who wish to drive.

The meeting will be held in the Rosine Hall, near the entry gate, with a reception and refreshments beginning at 1:00 pm. The meeting will begin at 1:30 pm with remarks by TIAA President Larry James, followed by TI's Chief Citizenship Officer, Trisha Cunningham, our featured speaker.

Tricia has more than 28 years of experience working with TI in global marketing, communications and public affairs at the product to corporate levels, as well as experience in community leadership roles. She was named the Corporate Social Respon-

sibility Executive of the Year by the Center for Nonprofit Management, in 2012.

Mark your calendar and don't miss this opportunity to see all the changes at the Arboretum in full bloom, and visit with friends. Following the business meeting to elect officers, enjoy seeing the gardens, including the new Children's Garden.

The Nominating Committee will propose the following officers for the one-year term beginning July 1: President, Larry James; Executive VP, Tom Boedecker; Treasurer, Kate Newman; and Secretary, Dorothy McAllister.

Admission, parking, and bus transportation are all free with your TI badge, the postcard invitation mailed to TIAA members in early May or a copy of this newsletter. Each member may bring one guest. Nonmembers, who are TI retirees or former TIers, may join at the meeting – the first year is free for anyone who is not a former member.



Trisha Cunningham

RSVP by May 7, by registering on the TIAA website at www.tialumni.org, or by sending an email to admin@tialumni.org with your name and name of anyone attending with you, or call the TIAA office at 214-567-8444. Also please let us know if you plan to ride the bus or drive.



Spring is in full swing at the Dallas Arboretum with masses of beautiful blooms.

New Membership Development Committee

The TIAA Executive Committee is pleased to announce that Linda Smittle has been named Vice President of Membership Development. Linda will head up this newly created committee with a charter of finding new ways to increase membership participation, broaden the membership base and strengthen partner relationships.

In recent years TIAA's membership level has declined, largely due to demographics and the fact that TI now generates fewer retirees than in past decades. There is still a large pool of potential members who have not joined TIAA and we've found that active

members, telling others about TIAA activities they've participated in, turn out to be excellent recruiters for us. So increasing membership participation,



Linda Smittle

in a broadened set of offerings, is an important priority.

Linda knows TIAA very well. She joined the organization in 2008 as a life-time member and since then has participated in many of our activities. Last year Linda herself was the subject of a TIAA seminar as she shared with attendees her two-year experience as a Peace Corps volunteer in Ghana, West Africa. Please join us in welcoming Linda to this important TIAA position, and let her know if you'd like to join her team!

Events

Community Involvement Events

May 11, Network of Community Ministries – Monday, 9:00 am - noon, Richardson. The Network of Community Ministries responds to human need by giving assistance with the goal of helping individuals achieve long-term independence. Its mission is "caring, coaching and empowering neighbors in need as they seek an improved quality of life." TIAA will be helping to stock the food pantry and shelve or sort cans and food. Since they are very close to Texins Activity Center, please join us directly at 741 S. Sherman Street, Richardson by 9:00 am. They are on the east side of Sherman, just north of Spring Valley. We will finish up around noon and then those interested will have lunch nearby at our own expense before returning home.

June 11, SMU Mock Trials – Thursday, 7:15 am - 3:30 pm, SMU Florence Hall. Today's activity will be entirely different than our usual TIAA volunteer events. We will be "jurors for a day" at the SMU Law School. The purpose of the SMU Mock Trials is to train lawyers from across the nation to be better trial lawyers. The lawyers will receive minimal information about a fictitious legal event and be given time to prepare their trial questioning. We will be the jurors, listening to the trial with pretend plaintiffs and defendants. At the end of each trial, we will critique the lawyers. We need to arrive by 8 am in Florence Hall at SMU. Thus, our van will pick us up from the Texins Activity Center at 7:15 am. For those who would rather drive to the event, the address is 3330 University at Hillcrest and the parking garage is at the corner of Hillcrest and Daniel with the entrance on Daniel. Coffee and pastries will be available. Lunch will also be provided along with a \$10.00 jury fee. Casual attire is appropriate. The day will end when the trials and critiques conclude, usually not later than 3 pm. This is a highly enjoyable event and you will have a lot of fun participating in the mock trials.

July 2, CitySquare Thrift Store – CitySquare provides poverty-fighting services to over 50,000 men, women and children each year in the four key areas of Hunger, Health, Housing and Hope. The CitySquare Thrift Store provides items directly to their client neighbors, raises funds to support CitySquare's programs, and serves as a retail training center. The store needs volunteers to sort, price, and stock

donations, and straighten and dust displays and clothing racks. Join your TIAA friends and get first pick of incoming goodies and support CitySquare at the same time. We will board our van at the Texins Activity Center at 8:30 am to arrive at the CitySquare thrift shop where we will stock their lobby with Christmas items for their "Christmas in July" annual sale. Afterwards, we will have lunch at a local restaurant at our own expense and arrive back at the Texins Activity Center about 1:30 pm.

*Unless otherwise indicated, transportation from the Dallas Texins Activity Center is provided by The Senior Source or TI. We usually eat at a local restaurant at our own expense before returning to Texins. To register online, please go to www.tialumni.org/cit, click on the desired event, then on **Event Registration Page** and follow the instructions. You can also register by contacting the TIAA office at admin@tialumni.org or 214-567-8444. Please register at least seven days before the event, so that we can inform you if plans change*

Seminar

May 21, Joint Seminar with UTD and TIAA – Thursday, 12:30 - 3:00 pm, UT Dallas Engineering South Building. Revolutionizing the Detection & Treatment of Neurological Conditions presented by Dr. Robert Rennaker, Director of the Texas Biomedical Device Center Behavioral & Brain Sciences at The University of Texas at Dallas. The next revolution in health care will be driven by medical devices where drugs have failed to target specific areas. The goal is to use medical devices to target specific structures in the body on a wide range of medical conditions. This will include peripheral nerve interfaces to treat neurological conditions such as a stroke, advanced prosthetics to allow people to regain mobility, and advance sensor technology for early detection of cancer. The Texas Biomedical Device Center is a leader in this field and is focused on making Dallas a hub of innovation for the bioelectronics medicine industry. To register online, please go to tialumni.org/seminar, click on the desired event, then on Event Registration Page and follow the instructions. You can also register by contacting the TIAA office at admin@tialumni.org or 214-567-8444.



TIAA volunteers and a grateful recipient look over her newly installed wheelchair ramp.

Dallas Police Headquarters

TIAA members and guests learned about "Law and Order" at the Jack Evans Police Headquarters building on January 29. We visited several investigation areas (including homicide), the crime scene fingerprint area, the poly-

graph room and the high technology fusion center (criminal intelligence related to terrorism) where information can be shared with other cities.

This six-story, 300,000 cu. ft. building took two hours to tour and was so interesting the time seemed to fly by.

We learned the department originated in 1881. To become a police person, there are many tests to take before being admitted to the police academy for 33 weeks of training. Only about 10% of applicants make it.

Sr. Cpl. Paul Shuster, our guide, also told us two badges made for the conferences rooms were made by his father using a six foot by eight foot piece of wood.

The plaques showing the names of those who died in service were designed, made and donated by TI.

We followed up with a delicious lunch at Norma's Cafe and returned around 2:00 pm.



There are 79 copper markers honoring each of the officers who died in service.

Matching Gifts and VIP Enhancements

Texas Instruments has made it easier for U.S.-based TI retirees to make a difference in our communities with new, lowered minimums for TI's Matching Gifts and Volunteer Incentive Programs. The minimums are retroactive to January 1, 2015, for this year's contributions of dollars and volunteer hours that meet program guidelines.

Matching Gifts Program – U.S. retirees' contributions from \$25 to \$10,000 per year will be matched to eligible arts and culture organizations, and to schools, universities or other educational organizations in the U.S. or its territories.

Volunteer Incentive Program – With a minimum of 10 volunteer hours with each eligible organization, you can request a VIP grant for \$125 to that organization. If you volunteer over 10 hours with that organization, every hour is matched at \$12.50 per hour. TI retirees

in the U.S. can match up to 80 volunteer hours per calendar year, earning up to \$1,000 per year in grants to their favorite nonprofit organizations.

Eligible organizations for the VIP match are nonprofit, charitable organizations and K-12 schools, colleges and universities in the U.S. or its territories. The maximum annual contribution that a single organization may receive under this program is \$15,000.

"These programs can really boost the impact of TI retirees giving and volunteering," said Andy Smith, executive director of the TI Foundation, which funds these benefits. "It's a great way for TI retirees to get additional resources to those nonprofit organizations that they care about the most."

For more information or to request a matching gift or VIP grant, go to get-involved.ti.com.



Alzheimer's and Dementia Seminars: More than 80 people attended identical seminars held at the Plano Center and at Cliff Temple Baptist Church in South Dallas. They learned about the nature and progression of Alzheimer's and associated diseases. Thanks to the Education Committee for picking a great topic – one of interest to many people.

Bass Hall Visit

Fifteen TIAA travelers hopped on a new Echo bus for a guided tour of the beautiful Bass Performance Hall in Fort Worth on February 18. We learned that it was completed in 1998 entirely with private funds to serve as a permanent home for major performing arts organizations in Fort Worth. Nancy Lee and Perry R. Bass donated one entire city block in Sundance Square for this "crown jewel" in 1993.

The famous Van Cliburn International Piano Competitions are held there (using Steinway grand pianos which rise up to stage level from three stories below) along with symphony concerts, plays, musicals, etc. The venue seats 2,056 but this can be manipulated by raising or lowering seats near the stage and by adding or removing cloth panels on the sides of the hall.

It was designed like a classic European opera house with an 80-foot diameter dome topping the theater and two, prominent, 48-foot tall angel



One of the Bass Hall angels.

icons (nicknamed Thelma and Louise) grace the outside facade. The acoustics are first class; we were on the top floor and could still hear every word said by the people rehearsing on the stage.

Free musicals and concerts are held each year for all Fort Worth students from 1st through 12th grades.



Reunion Tower View: One of the spectacular views enjoyed by 14 adventurous members. We rode the DART light rail with most members meeting at the LBJ train station although two travelers used the Garland train to meet us at Reunion.

Allen Library to Hold Special Program about J. Erik Jonsson

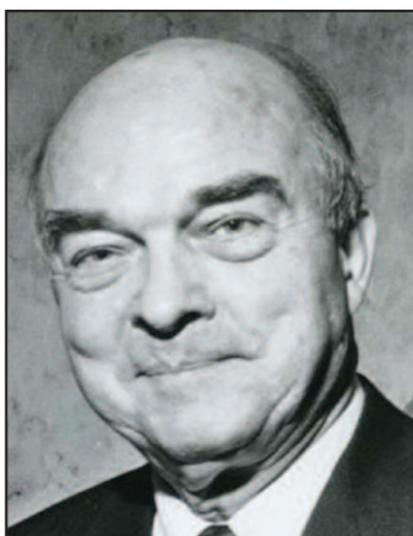
SMU Professor Emeritus Darwin Payne will discuss his recent book, "No Small Dreams: J. Erik Jonsson—Texas Visionary", at 7:30 pm Thursday, May 21, at the Allen Public Library located at 300 N. Allen Dr. All Tiers and TIAA members are invited to attend. The program is free and no reservations are required.

The late Texas Instruments co-founder and former Dallas Mayor J. Erik Jonsson exemplified leadership in all endeavors. His legacy also includes the Dallas/Ft. Worth International Airport, Dallas Public Library, Dallas' first "Goals For Dallas" initiative, Dallas City Hall and hospitals and universities throughout Texas. Both friends and colleagues referred to this industry giant, civic leader and philanthropist as "Mr. J."

Vision and listening skills are the first requirements for leadership, and Jonsson possessed both qualities. With his leadership skills evident at TI, Jonsson insisted on an egalitarian lunchroom with no separate executive quarters. He stood in the lunch line with everyone, thus learned of the challenges that all employees faced and listened to their suggestions for improvement.

Under Jonsson's leadership, Texas Instruments rose exponentially from an obscure company along Lemmon Avenue in Dallas to a highly-recognized international corporation.

Rather than retire, after the Kennedy



J. Erik Jonsson

assassination, Jonsson became Mayor of Dallas, and through his leadership, a grand design for the Dallas area began. Both as mayor and a TI officer, bribes and payola were no longer part of the game. Police salaries were increased so they would not be vulnerable to bribes. If officials in other countries wanted a "cut", TI's business went elsewhere.

Jonsson was the first Dallas mayor to initiate a sincere dialogue between black and white members of the community in a forum known as "Block Partnership." This resulted in improved bus service, streets, libraries and parks in Dallas' southern sector.

Travel

June 12, Mesquite Championship Rodeo – Friday, 6:30 - 9:30 pm, Mesquite. This event is held in the Resistol Arena which is an enclosed, climate-controlled venue with high-definition video boards over the bucking chutes. This is considered the premier rodeo of the North Texas area and is a family-friendly venue so feel free to bring your grandkids. Timed events will include tie-down roping, team roping, steer wrestling, saddle bronc riding, bareback bronc riding, bull riding and barrel racing. We will meet at the east ticket office at 6:30 pm and find our reserved seats so there will be time to grab a bite to eat if you wish before the performance begins at 7:30 pm. Cost of the rodeo is \$20 per member and \$22 for nonmembers plus \$10 parking per car.

July 8, Ham Orchards – Wednesday, 11 am - 2:00 pm, Terrell, TX. Let's go stock up on the "jewels of the summer" (hand-picked, ripe peaches), fat blueberries, red tomatoes, blackberries, etc. at a well-known farm market store. We will leave at 11 am; shop in the store for fresh, canned or frozen veggies, fruits, casseroles, jams, jellies and deserts; enjoy a delicious BBQ sandwich and a Cider Slush at their outdoor pavilion restaurant at our own expense and lick a homemade peach or strawberry ice cream cone before we head back to TI at 2:00 pm. Be sure to bring your shopping bag - coolers will be available on the bus if you buy any of their frozen food. Cost is \$12 for members and \$14 for nonmembers..

August 19, National Weather Service Forecasting Office Tour – Wednesday, 9:30 am - 2:30 pm, Fort Worth. Weather forecasting – science or art? Let's take a 60-minute, guided tour of the Southern Regional NWS office and find out how they make these decisions that affect our plans for the week-end. They provide weather, hydrologic and climate forecasts and

warnings for the entire United States, its territories and adjacent waters and ocean areas – a big job! The office is handicapped-accessible but no bags, packages or purses are allowed in the building. (Unfortunately, tours may be cancelled on short notice due to severe weather but we'll reschedule if that happens.) We will eat at Flips Patio Grill at our own expense. Cost is \$20 for members and \$22 for nonmembers..

September 19, Nebraska Furniture Mart Tour – Wednesday, 9:00 am - 3:00 pm, The Colony. This two-story, brand-new store is huge and carries over 500,000 items which gives them their unofficial motto, "If we ain't got it, you probably don't need it." We'll leave on a large Echo bus at 9:00 am, spend two hours looking around and shopping (so wear comfortable shoes) and then have lunch. There are several restaurants being built now on their parking lot so we'll pick one since a small Subway offers the only food available inside the store. Cost is \$20 for members and \$22 for nonmembers.

All trips depart from and return to the Dallas Texins Activity Center unless otherwise noted. Meals are at participant's expense. Each TIAA member may bring one guest at the member price. Others may join us at the non-member price. To register online, go to www.tialumni.org/trip, click on the desired event, then on **Event Registration Page** and follow the instructions. You can pay by credit card through a secure link or mail your check to TIAA, PO Box 740181, Dallas, TX 75374. You can also register by contacting the TIAA office at admin@tialumni.org or 214-567-8444. Please register at least seven days before the event, so that we can inform you if plans change.



TIAA members board the bus after a great tour at the Chickasaw Cultural Center at Paul's Valley, OK.

Contacts

Health & Financial Benefit Plans

TI HR Connect

1-888-660-1411, Option 1
www.netbenefits.com/TI

This phone number consolidates all benefit phone numbers into a 24-hr voice-recognition system. TI Benefits Center representatives are available Monday through Friday from 7:30 am to 7:30 pm, Central Time. First-time users of the web address need to register in order to log on.

Raytheon Benefits Center

1-800-358-1231

TDD 1-800-562-2307

raytheon.benefitcenter.com

TI-Raytheon Systems retirees should have Social Security and personal identification numbers available when calling. Check with the Raytheon Benefits Center for latest benefit contact information.

TI Alumni News

This newsletter is published quarterly by the TI Alumni Association to help inform the TI alumni community about TIAA activities.

Editorial Staff: Marilyn Adams, Editor; Dot Adler, Editor Emeritus; Ronnie Brandenburg, Jon Campbell, Larry James, Max Post, Jessica Stewart, Linda Stopani and Gary Vawter, Contributors; and Jerry Brandenburg and Linda Stopani, Photographers.

Production Staff: Peggie Mathews, Production Artist; and Ronda McCauley, Layout.

Alumni interested in contributing to the publication should contact Marilyn Adams at mkma40@verizon.net.

TI Alumni Association

The mission of TIAA is to provide a link between TI and TI alumni that fosters communications, programs, services and activities about and of interest to TI and TI alumni.

Elected Officers: Larry James, President; Tom Boedecker, Executive Vice President; Barbara Pappas, Treasurer; and Marilyn Adams, Secretary.

Appointed Officers: Max Post, Activities Chair; Jon Campbell, Communications Chair; Greg Boydston, Community Involvement Chair; Lisa Calloway, Education Chair, Ronnie Brandenburg, Travel Chair; John Byers, CIO; Jasmine Ng, TI Liaison; and Jessica Stewart, Administrator.

To contact any TIAA officer, email admin@tialumni.org or call 214-567-8444.

Groups

The following groups usually meet as shown below. Call or email contact person to confirm schedule.

Antenna Lab – 1:00 pm, second Tuesday, lunch at Poor Richards Cafe, 2442 K Ave., Plano. Contact Ralph Bovee, ralphbovee2@aol.com, 972-422-5458 or 214-407-7512.

Apparatus Retirees – 8:30 am, third Wednesday, breakfast at IHOP Pancake House, LBJ Frwy. at Centerville Rd., Garland. Contact Newton Beam, ncb1932@sbcglobal.net or 940-220-9930.

Attleboro Retiree Club – 1 pm, second Tuesday (except July & August) at Norton VFW Post 8049, Summer St., Norton, MA. Contact David Rushia, peperenum1@yahoo.com.

Austin Alumni Lunch – Annual reunion on first Monday in December at Rudy's BBQ on 183. Contact Marian Justiss, marian@justiss.net.

Austin Retiree Club – Lunch meetings are held every other month (January, March, May, July, September and November) on the third Thursday. Open to all former Tiers in Austin area. Contact Fritz Wolff at efjwolff@gmail.com or Bill Crane at wcrane@austin.rr.com.

Dallas-Area GSlers – 11:30 am, third Tuesday, lunch at Tony's Café, NW corner of Alma & Spring Creek Pkwy., Plano. Contact Dick Matthews, rich12mat@yahoo.com or 214-432-0138.

Dallas TI Reunion Club – 10 a.m., second Saturday, meeting and lunch at Denny's Restaurant on Motor St., Dallas. Call Gladys Jones, 214-376-9725, or Willie Demus, 214-331-2111.

Equipment Group Retirees – 11 am, lunch on 15th of each month (or the nearest weekday) at Red Lobster, LBJ Frwy. & Greenville Ave., Dallas. Contact Neil Sunderland, neilsund@gmail.com or 972-272-2869.

Ex-GSlers – 11:30 am, second Wednesday, lunch at Tino's Too, 2201 K Ave., Plano. Contact Martha Hamilton, mhamilton@geo-marine.com or 972-424-0297.

Ex-TI Network – 5:00 pm, first Wednesday, meeting at BJ's Brewhouse, 1101 North Central Expy, Plano. Contact Joan Nichols,

j.nichols4@yahoo.com or 214-543-2546.

First Monday Bunch – 1-3 pm, first Monday, meeting at Richardson Senior Center, 820 W. Arapaho Rd., Richardson. Contact Ralph Dean, deanandcomp@sbcglobal.net or 972-235-2589.

Houston. Alumni Association – 11 am lunch on third Wednesday (except for the second Wednesday in December) at America Buffet, 12815 Southwest Frwy., Stafford, TX. See details on www.tihaa.org. Gary Lockett, garylockett@gmail.com or 281-658-5047.

LinkedIn – Sponsored by TIAA for use as an open forum by former Tiers who want to stay connected with the TI family. List owner Tom Boedecker. <http://www.linkedin.com/groups?gid=139468>.

North Texas Retiree Luncheon – 11:30 am, second Friday of the second month of each quarter at El Chico, 1222 North Central Expy., McKinney. Contact Cliff Gibbs, cliffgibbs@solbroadband.com or 972-742-1113.

Old Bunch Lunch Group – 11:00 am, second Thursday, Spring Creek Barbeque, 270 North Central Expy., Richardson. Mostly SC QA 1990s retirees. Contact Jim Setliff, setliff@sbcglobal.net.

TIAA Breakfast Club – 9:30 am, third Friday, breakfast at the Southern Recipe Café at 1381 W. Campbell Rd. in Richardson. Contact Jon Campbell, jonscampbell@gmail.com or 972-235-5158.

TIAA Retiree Bunch – 11 am, third Tuesday of each month (except July & August), Spring Creek Barbeque, 270 North Central Expy., Richardson. Contact Tom Gregory, tomgregory3@gmail.com or 972-412-9332, or Lucy Salas, 469-878-1514.

TI Bible Study Group – 7-8 am, every other Thursday, Greater Cornerstone Baptist Church, TI Blvd. & Forest Ln., Dallas. SC retirees meeting for over 20 years. David Robertson, teacher. Contact Ron McCormick, ronmccormk@aol.com.

TI Design Automation (TIDA) – Personnel, retired or otherwise, from DAD and all other electrical, mechanical and software DA departments worldwide – 11:15 am luncheon on first Wednesday of each quarter at Spring Creek Barbeque, 270 North Central Expy., Richardson. Contact Bob Penick,