



2006  
**JAN.  
 FEB.**

**Save the Dates!**

May 17 - TIAA annual business meeting at TI Richardson wafer fab.

Sept. 11 - TIAA Charity Golf Tournament at Oakridge Country Club.

Oct. 31 - TI Retiree Big Event at Southfork Ranch.

**Use Same BCBS ID Card in 2006**

TI retirees already enrolled in the Blue Cross Blue Shield PPO will continue using the same BCBS identification card issued in 2005. Only new enrollees are receiving new ID cards for 2006.

Retirees who lost their BCBS ID cards can get replacement cards by calling BCBS Customer Service via TI SmartLink at 800-890-2600.

BCBS now uses unique identification numbers instead of members' Social Security numbers on ID cards and explanation of benefits statements.

**Use Forest Lane Gate to TI South Campus**

TI prefers that retirees, visitors and customers enter the South Campus through the main entrance, Gate 1, on Forest Lane. TI Site Security operates this gate from 5 a.m. to 9 p.m. Monday through Friday.

Gate 4 on TI Boulevard is now mainly an employee entrance and is controlled by automated gates during non-peak hours. When the electronic gates are activated, an active TI badge is needed to operate the gate arms. A TI retiree badge won't work.

When Security is not staffing the TI Boulevard gate, anyone without an active TI badge can still use Gate 4 but will have to press the call/assistance button for help in gaining access to the site

## Retiree Big Event celebrates TI 75th anniversary

By Dot Adler

The 2005 Texas Instruments retiree Big Event celebrated the company's first 75 years and offered a perspective into what's happening at TI today.

Ed Hassler, TI Alumni Association (TIAA) president, welcomed about 800 retirees, spouses, TI volunteers and exhibitors who gathered Nov. 9 at Market Hall in Dallas. Attendees enjoyed fellowship, a buffet luncheon and a presentation by Ron Slaymaker, TI vice president for Investor Relations.

Banners commemorated the TI 75th anniversary. The recorded music was by Bandpass, whose members are in TI Worldwide Marketing.

The book *Engineering the World: Stories from the First 75 Years of Texas Instruments* was available for purchase at the Big Event.

**SMU to Get TI Archives**

Max Post, leader of the retiree team that researched the book, announced that TI's historical archives would be contributed to the DeGolyer Library at Southern Methodist University. Max said Phil Ritter, TI senior vice president, has been working with SMU to find a permanent place where the archives can be preserved and will be accessible to researchers.

Max thanked active TIER Phil Bogan for representing TI on the history book project. Phil was honored with lifetime TIAA membership for the excellent rela-



About 800 TIers past and present attended the annual Big Event. At left, TIAA President Ed Hassler welcomes Big Event attendees; below left, Ron Slaymaker talks to retirees about today's changing electronics market; and below right, Ed Hassler presents a TIAA lifetime membership to Phil Bogan. See more photos from the Big Event on page 3.

PHOTOS BY TINA HO AND CRYSTALYN HOLUBEC

tionship he built up with retirees.

**Capturing Our Legacy**

Ron Slaymaker said TI's celebration of its 75th anniversary is "an incredible accomplishment for a technology company, especially one that is viewed in the forefront of its field yet today."

Ron praised retirees for their volunteer community contributions and for "capturing our legacy" on the TI 75th anniversary history project. He said, "We're grateful that many of you opened up your memories and experiences to help create this book. Many more spent a lot of time and effort in the research process."

**What Drives Electronics Growth**

Today, growth in electronics markets is undergoing a dramatic shift, Ron said. The cell phone

now tops the personal computers as the hottest electronics product. "Almost 800 million cell phones will be sold this year - more than four times the unit volume of PCs," he said. Other important electronics products include portable digital music players, or iPods, and digital or high-definition television (HDTV).

"The good news is that TI is right in front of all of these growth trends," he said. "Digital signal processing and analog are the enabling semiconductor technologies behind these communications and entertainment products."

In the first 25 years of the digital signal processing (DSP) industry, voice communication products were probably the single most important driver of its growth, but in the years ahead, TI believes imaging and video

could be the most important applications.

Opportunity abounds in high-performance analog, given its solid growth and high profitability. Profit margins are above the corporate average. Thus, the bottom line impact is even more significant for TI.

**Winning in Wireless**

Wireless is a market where TI has combined capabilities in both DSP and analog technologies to put together system-level solutions. These make cell phones more powerful and also lower cost.

With customers that include Nokia, Motorola and a host of others, TI is engaged with the most important players in the industry. More than half the phones that ship today use TI DSP technology.

See **BIG EVENT**, Page 3



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## ALUMNI NEWS

## Mark Your Calendar for TIAA Group Travel

**Feb. 25** - Theater Three in Quadrangle, Saturday matinee at 2:30 p.m. of "I Love You, You're Perfect, Now Change." After the play, enjoy dinner (on your own) at Dream Café (entrees \$6-15) next door to Theater Three. Depart Texins Activity Center at 1:30 p.m. and return at 6:30 p.m. The \$25 per person cost includes theater ticket and roundtrip bus fare.

**March 30** - Dallas Holocaust Museum. Tour museum next to Sixth Floor and Old Red Museums in West End. Depart Texins Activity Center on free DART bus at 9:30 a.m., tour museum (donation requested) and eat lunch (on your own) in West End. Return at 1 p.m. Reserve seat by March 24.

**April 26** - Texas Rangers vs. Oakland Athletics major league baseball on Wednesday at 1:00 p.m. Depart Texins Activity Center at 11:30 a.m. and return at approximately 5 p.m.. The cost - \$18 per person - includes upper reserved seats and roundtrip

bus fare. Seats are limited. Reserve by April 17.

**April 27** - Panama Canal 17-night cruise on Sun Princess from Fort Lauderdale to Seattle. Port stops at Aruba, Puerto Amador, Huatulco, Acapulco, Cabo San Lucas, San Francisco. Day transit of Panama Canal. Roundtrip airfare from DFW Airport is included with cruise price. Price ranges from \$2,450 to \$3,150 per person. Trip offered on space available basis only. Phone Kathleen Humphrey, 972-675-0832 for prices and space.

**May 24** - Dallas World Aquarium tour. Depart Texins Activity Center on free DART bus at 9:30 a.m. Visit aquarium (\$12.95 seniors admission). Lunch (on your own) in West End. Return at 1 p.m. Reserve by May 17.

**June 15** - WinStar Casino, Thackerville, OK. Travel for a day of gaming (slot machines, blackjack, Texas Hold 'Em). Buy \$10 voucher for play, which includes \$2 off lunch buffet

(\$6.50 with discount). Leave at 9:45 a.m. and return at 6:15 p.m. If 30+ riders sign up, bus is free. If less than 30 riders go, roundtrip bus cost is \$10 per person. Deadline to sign up is June 6.

**Sept. 26** - Castles Along the Rhine, a nine-day river cruise, goes from Brussels, Belgium, to Basel, Switzerland. Tour departs US on Sept. 26. Tour prices begin at \$3,381 per person for outside cabin, Category 5). Price includes roundtrip airfare from Dallas, transfers, cruise (meals included), tours at each stop, trip insurance, all fees and taxes. Space is limited. Pricing/availability is not guaranteed until deposit is made. Deposit is \$375 per person. Phone -Kathleen Humphrey, 972-675-0832.

For all activities except cruises, phone Doris Mott, TIAA, 972-995-8393 for more information or to sign up. Check the TIAA Web site, [www.tialumni.org](http://www.tialumni.org), for latest travel news.

## Share Your Stories About TI's History

In collecting material for the recently published book, *Engineering the World: Stories from the First 75 Years of Texas Instruments*, it was realized that space was not available for all the stories comprising TI's colorful history.

Fortunately, there is now a way to add to the stories using TI's Web site. Phil Bogan, TI project manager for the history project, has worked with the TI Webmaster, Eric Wand, to develop a special section in the TI Web site to archive and post these stories.

Retirees and former Tiers are invited to submit their stories, which will be edited and posted on the TI History Web site. To submit a story, just go to the TI Alumni Association site at [www.tialumni.org](http://www.tialumni.org), and click on "What's New." Then click on the story about "Engineering the World." Then click on "Share Your

Story," and follow the instructions.

Or, you can go to the TI Web site at [www.ti.com](http://www.ti.com), click on "History of Innovation," and then click on "Share Your TI Story."

Several stories are already posted and can be viewed on the TI site. For example, Ed Hassler submitted a story about technology versus hairdos in the early days of trying to use digital voice inputs using headsets.

Joe Watson wrote about the early days of Artificial Intelligence, and Sherel Horsley tells a story about a different kind of innovation in the early days of radar.

John W. Wilson submitted two stories. One tells of the development of seismic intrusion detectors with an unusual test on a farm in East Texas; the other deals with the remarkable contribution by Tiers in detection of underground nuclear explosions during the Cold War era.

## CALENDAR

## March

**2** — Senior Connection, support group for job-seekers 50+, meets the first and third Thursdays of each month. 10-11:30 a.m., The Senior Source, 1215 Skiles St. Dallas. RSVP required. Call 214-823-5700.

**11** — Reunion Club Meeting and Lunch, 10 a.m., Denny's Restaurant on Motor Street. Call Gladys Jones, 214-376-9725, or Fannie Rose, 214-352-1978.

**18** — Play Bingo at The Meadows Nursing Home, 10 a.m., 8383 Meadow Rd., Dallas 75231. Call TIAA, 972-995-8393.

**21** — Texins Retiree Club, 10 a.m., Dallas Activity Center. TI retiree Jerry Esquivel will narrate a digital slide show of his journey through Israel and the Holy Land. A covered dish luncheon will follow, so bring your favorite dish. Call Tom Gregory, 972-412-9332.

**25** — (Tentative) TI Volunteer Day at the Dallas Arboretum, a TI Tech Smart Big Heart event. Contact Marissa Anchia, 214-480-6720.

**25** — TI Jazz Band, 8 p.m. at Collin County Community College Jazz Festival. Concert in the John Anthony Theater, 2800 E. Spring Creek Parkway, Plano. Tickets \$10 at the door. For additional information, contact Kris Berg, 972-881-5108.

## April

**8** — Reunion Club Meeting and Lunch, 110 a.m., Denny's Restaurant on Motor Street. Call Gladys Jones, 214-376-9725, or Fannie Rose, 214-352-1978.

**8** — Cottonwood Park Clean Up, a TI Tech Smart Big Heart event. Contact Marissa Anchia, 214-480-6720.

**18** — Texins Retiree Club, 10 a.m., Dallas Activity Center. Lucy Salas and the Ukulele Band will present their outstanding musical program, and Lucy will present a special treat. A covered dish luncheon will follow. Bring your favorite dishes and include a little extra for the company. Call Tom Gregory, 972-412-9332.

## 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.

## TI-ALUMNI EDITION EDITORIAL COUNCIL

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Retirees interested in contributing to the publication should contact any member of the Communications Team.

The TI Alumni Association is funded in part by TI Human Resources, under the direction of the TI Public Affairs organization.

## 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 a 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:

- 1-800-888-2273** — Employee Assistance Program - Magellan.
- 1-866-866-2300** — Blue Cross Blue Shield (BCBS) PPO Plan ([www.bcbstx.com/members](http://www.bcbstx.com/members)).
- 1-800-557-5749** — Caremark (formerly AdvancePCS) ([www.advancercx.com](http://www.advancercx.com)).
- 1-800-832-3211** — CIGNA HMO (Dallas/North Texas)
- 1-800-244-6224** — CIGNA HMO (Houston/Austin)
- 1-800-950-9355** — Pacificare Secure Horizons HMO (Dallas/Fort Worth and San Antonio areas)
- 1-800-942-0854** — MetLife Dental Basic/Dental Plus
- 1-800-772-1416** — Aetna DMO
- 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 and Employee Stock Purchase Plans).
- 1-888-377-7896** — Employee Stock Purchase Plan Service Center - Computershare.
- 1-800-981-8676** — Computershare Investor Services (TI Stock Accounts)

You may also access Your Benefits Resources (YBR) web site via TI Alumni web site at [www.tialumni.org](http://www.tialumni.org). (Social Security number and Hewitt 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** — (TDD 1-800-562-2307) Raytheon Benefits Center, or visit [www.raytheon.benefitcenter.com](http://www.raytheon.benefitcenter.com).
- 1-800-559-4244** — Wausau/Innoviant Benefits Medicare Plus Plan ([www.wausaubenefits.com](http://www.wausaubenefits.com)).
- 1-800-640-7008** — (TDD 1-800-562-2307) - 24-hour Employee Assistance Program ([www.liferesourcesray.com](http://www.liferesourcesray.com)).
- 1-800-877-7195** — Vision Service Plan ([www.vsp.com](http://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)

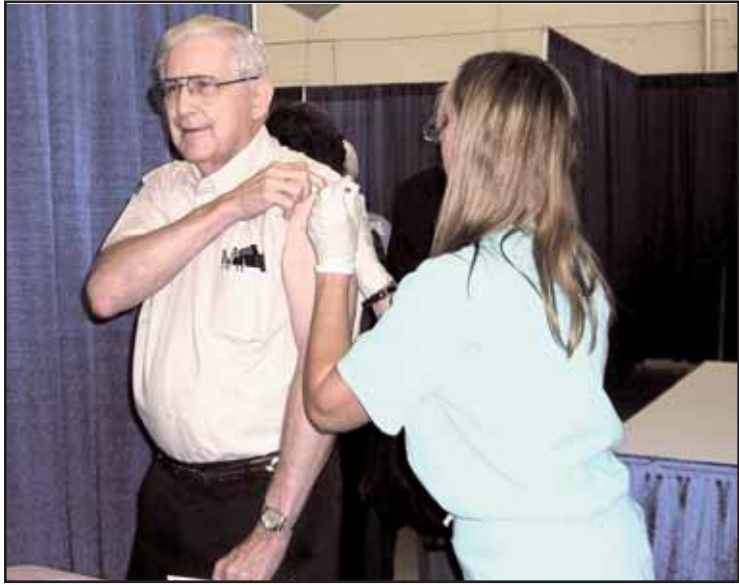
- 972-242-3939** — Lucy Salas, president, and
- 972-412-9332** — Tom Gregory, vice president have information on activities, dues and meeting schedule.

## TI Alumni Association

- 972-995-8393** — Main number for TIAA. (Or visit web site at ([www.tialumni.org](http://www.tialumni.org).) Also call for questions about quarterly newsletter, *TI Alumni Connected*.
- 214-808-4964** or **972-231-3417** — Ed Hassler, president, has information on membership, dues and activities.



# ALUMNI NEWS



Jim Taylor was one of many retirees who got a flu shot at the Big Event.



This large crowd proves that it was, truly, a Big event.

## Big Event

From Page 1

The cell phone market now is much different from in the 1990s, when the cell phone was simply about making phone calls. Then, industry was focused primarily on making the phones smaller, battery life longer and reducing cost, not on adding new functions.

Today, the cell phone is becoming an electronic platform, taking on new applications that include cameras, e-mail, gaming and video recording. The rate of technology innovation in cell phones is higher than it's ever been before.

As handset pricing continues to move down, new subscribers in emerging countries - who never have been able to afford any kind of phone service - will increasingly be buying cell phones.

### Bright Future for DLP

The digital light processing (DLP) product line is well on its way to almost \$1 billion in annual revenue. TI is addressing the markets for business projectors, digital cinema and big-screen high-definition television.

"As the TV industry converts to digital, this represents the biggest change since television went from black and white to color many decades ago," Ron said.

Winning the display market won't be easy. Other new display

technologies, including plasma and liquid crystal display (LCD), have equally ambitious plans.

DLP commercials are running on television during NFL football games and NASCAR races because NFL and NASCAR fans are the demographic of the typical big-screen TV buyer. Likewise, TI sponsors the NASCAR racecar owned by Troy Aikman and Roger Staubach.

### Manufacturing Strategy

The TI commitment to manufacturing technology is shown by the company's investment in the new 300-mm Richardson wafer fab (RFAB) being completed on Renner Rd. "This will be the largest fab TI has anywhere in the world and will manufacture our most advanced technologies," Ron said.

As to stock performance, Ron said, "We have never been able to forecast industry cycles. TI simply has established the operational flexibility that we hope will enable TI to gain market share, regardless of the economy and regardless of industry cycles."

Regarding TI's ability to sustain its position in the increasingly competitive wireless market, Ron said, "We simply stay focused on execution and delivering what our customers need."



Ann Wortheim and Pete Massari make their nametags.

Photos  
by  
Tina Ho  
and  
Crystalyn Holubec



Jan and Derrill Beauvian arrive by bus.



John Wilson and Linda Lambert selling TI history books.



Volunteers Iree Abney, Bessie Wilson, Ann Pomykal, Roberta Hill, Delores Osnik and Sharlene Tucker wear TI 75th anniversary shirts.



## ALUMNI NEWS

## Texas Instruments Donates Archives to SMU

## TI Retirees recognized for their contributions

By Max Post

Texas Instruments is contributing its corporate archives to Southern Methodist University, where the collection will be preserved, cataloged and accessible to researchers in the historic DeGolyer Library.

SMU President R. Gerald Turner accepted the archives in a ceremony Dec. 14 in the library, named for Everett Lee DeGolyer - silent partner in the founding of Geophysical Service Inc., TI's predecessor company, in 1930.

Turner said, "TI and SMU have collaborated for many years on many projects. In a way, the university and TI have grown up together. We have learned from each other, we have supported each other's ideas and innovations, and we have seen the city that has nurtured both of us grow into an international market place with worldwide influence.

"Today marks an unprecedented milestone in our more than 50-year relationship," Turner continued. "Today, we become partners in the truest sense of the word. In celebration of TI's 75th anniversary of engineering and technology leadership, the company will donate their vast corporate archives to SMU, creating the Historic Texas Instruments Archives at SMU."

He also announced that Ann Kilby and Janet Kilby Cameron are donating a substantial bequest in honor of their father, Jack Kilby, allowing the university to create the Jack St. Clair Kilby Archives at SMU. Kilby

was awarded the Nobel Prize in Physics for his 1958 invention of the integrated circuit at TI.

Turner said, "This valuable collection contains many of Jack's most treasured personal effects. And, because many of his professional papers and possessions are contained within the TI archives, it is entirely fitting that we announce that both of these extraordinary collections will find their new home at SMU."

Phil Ritter, TI Public Affairs senior vice president, commented on the close relationship TI has enjoyed for many years with SMU. He cited several projects, including the Jerry R. Junkins Electrical Engineering Building at SMU and reading education programs, that have strengthened those ties.

Ritter pointed out that the papers of J. Erik Jonsson, a TI founder, are already located in the DeGolyer Library.

He said TI is making a substantial contribution to SMU in honor of the TI Alumni Association to help support the cost of cataloging and storing the corporate archives in the DeGolyer Library.

Ritter recognized the contribution of Lewis McMahan,

"Today, we become partners in the truest sense of the word. In celebration of TI's 75th anniversary of engineering and technology leadership, the company will donate their vast corporate archives to SMU, creating the Historic Texas Instruments Archives at SMU."

recently retired TI Worldwide Facilities vice president, in working out the agreement with SMU for the archives program.

A number of TI retirees and former TIers attended the event at SMU and were recognized for



Phil Ritter speaks at the Dec. 14 ceremony announcing the contribution of TI's historical archives to SMU.

Photo Courtesy of SMU

father of the architecture of the first single-chip Digital Signal Processor. TI retiree Dot Adler was recognized for her efforts in preserving early GSI photos and material for the archives.

Over the next few months, an advisory team of TI retirees will be involved in helping with the process of getting the material in the archives to the DeGolyer Library at SMU. This will include prioritizing which items should go first, ensuring completeness of publications (such as

GSI Grapevine, texins, and other publications), and identifying the most important historic TI documents and artifacts.

SMU will process the material and catalog it in their system, so that items can be rapidly found in the collection. When the cataloging is complete, the Historic Texas Instruments Archives at SMU will be available to future generations of students and researchers who want to learn more about the company.

## Want to Make a Difference for TIAA?

The TI Alumni Association is looking for volunteers to contribute their time and effort to support the organization. TIAA's ability to grow and thrive is directly related to the level of volunteer support.

TIAA invites you to participate. You'll have the opportunity to work with a great group of people - fellow TI retirees! Here are the areas where we are seeking involvement and the names, phone numbers and e-mail addresses of the TIAA officers to contact.

**Activities Committee**

You can get involved with event planning/coordination and contribute ideas for TIAA group travel, local retiree group activities and social events. Contact Ed Hassler, phone 214-808-4964 or 972-231-3017,

e-mail ehassler@swbell.net.

**Education Committee**

Help with seminars on health benefits and financial investment and planning. Identify ongoing education resources. Contact Jerry Pierce, phone 972-769-8616, e-mail jerrypierce@email.com.

**Administration Committee**

Work on TIAA membership development - bringing new members to TIAA and encouraging membership renewals. Assist with database and membership lists. Contribute your ideas for improving the TIAA Web site. Contact Hector Cardenas, phone 972-231-1875, e-mail h.cardenas@comcast.net

**Communications Committee**

Contribute to newsgathering

and photography for TI Alumni Connected, the TIAA quarterly newsletter. Write copy for retiree meetings and general information mailings to promote TIAA and TIAA-sponsored events. Contact Dot Adler, phone 972-235-5703, e-mail rtx535adler@earthlink.net.

**TIAA Leaders**

If you have other ideas to help TIAA, or where you might be able to contribute, please contact: President - Ed Hassler, phone 214-808-4964 or 972-231-3017, e-mail ehassler@swbell.net. Executive Vice President - Francisco Escobar, phone 214-728-6903, e-mail francisco@jfeintl.com.

## TI Retirees Honored

**Weber Receives Noyce Award**

Pat Weber, retired TI vice chairman, is winner of the 2005 Robert N. Noyce Award, the Semiconductor Industry Association's highest honor.

Pat was recognized for work on the U.S.-Japan Semiconductor Trade Agreement that later led to establishment of the World Semiconductor Council.

A 36-year TIer, Pat joined the defense group in 1962. He was appointed president of TI's global semiconductor business in 1986 and became TI vice chairman in 1993. He retired in 1998.

The Noyce Award is named for the late Robert Noyce, a co-founder of what is now Intel Corp.

**Bean Gets PSU Alumni Award**

Kenneth E. Bean, a TI retiree who served as a research engineer, member of the technical staff and TI Fellow, received the Meritorious Achievement Award from Pittsburg State University in Kansas. This award, based on career achievement, is the highest award given by the PSU Alumni Association.

Since retiring from TI in 1989, Ken works as a consultant on semiconductor materials processing, defect analysis and troubleshooting. He lives on a farm near Celina, Texas.

Prior to joining TI in 1962, Ken was a research engineer for Eagle Picher. There he developed the process for the first production of electronic-grade silicon and synthesized the first electronic-grade elemental boron.