

Originally Processed With FOIA(s):

S

FOIA Number:

S

# FOIA MARKER

**This is not a textual record. This is used as an administrative marker by the George Bush Presidential Library Staff.**

---

**Record Group/Collection:** Donated Historical Materials  
**Collection/Office of Origin:** Frieden, Lex, Collection  
**Series:** Disability Rights Organizations  
**Subseries:**

---

**OA/ID Number:** 52218  
**Folder ID Number:** 52218-004

---

**Folder Title:**  
TIRR [The Institute of Rehabilitation and Research] [1972-1996]

---

Stack:	Row:	Section:	Shelf:	Position:
V	8	6	3	6

---

# Medical facility's 30th anniversary occasion for celebrating survival

**O**NE of the happiest parties ever staged in River Oaks Country Club's ballroom owed its life Thursday night to TIRR — The Institute of Rehabilitation and Research.

Party-goers were there to celebrate the 30th anniversary of the internationally famous Houston medical facility. Everybody, former patients and loyal supporters



**Betty Ewing**

alike, toasted survival.

Bearded Don Slocomb, blowing a great sax *How High the Moon* solo with his quartet, remembers the early morning of June 21, 1986, when he almost got knocked to kingdom come by a drunken driver. Broke both legs, shattered a hip and worst of all, landed on his head and was out cold for 2½ weeks with a clot on the brain.

"They (first Ben Taub, then TIRR) saved my life and then started me back to playing music," Don said. "My fingers were numb."

"He saw the accident," said Don, pointing to bass player Dave Foster. Also providing the cool jazz for TIRR's 30th anniversary party were drummer Joe Fulgham and guitarist Paul Chester.

About this time in the conversation, Don spied a beautiful blonde and threw his arms around her. Turned out to be Dr. Catherine F. Bontke, director of TIRR's head injury program, which has been selected as a national model. In fact, Bontke will be going to Hawaii soon to help a new rehab center there get rolling.

Beautiful Jerry Johnston Andrew, rolling around the room in a wheelchair, talked about the quicksilver moment at high noon on July 20, 1974, when she was heading for a reunion with her four young daughters at Camp Arrowhead in the Hill Country. A freak head-on collision — both vehicles were traveling at low speeds — hurled Jerry into the dashboard, and one snap of the neck turned her into a quadriplegic.

Three of the girls (as youngsters, they were frequently referred to as Houston's Andrew Sisters) — Cheryl (Mrs. J. Bradley) Duff, 30; Kathleen Andrew, 25; and Allison Andrew, 27 — were buzzing around their mom like beautiful butterflies. Karen (Mrs. David) Lawrence, 29, had to miss the party.

"I couldn't have survived the change in my life without the help of family and friends and TIRR," said the still-active Jerry, a member of the TIRR board of trustees and co-chair of the party with Patricia "Pat" Luther.

Kathleen DeSilva, who suffered a broken neck when she was a 16-year-old gymnast, also is a quadriplegic who serves as TIRR's in-house lawyer. This courageous woman (she has a respirator implant) put herself through Rice University and law school at the University of Houston.

Ever-glamorous Nita Weil, a polio victim from Houston's epidemic in the 1950s, has served as director of volunteers (she has 225 actives and would welcome more) since TIRR opened. She moves around via wheelchair too. So does staff member Linda Pickle, who was looking



Steve Campbell / Chronicle

Seen chatting at TIRR's anniversary party were Jerry Johnston Andrew, seated, and daughters, from left, Cheryl Duff, Kathleen Andrew and Allison Andrew.

super in silver and black.

The brief but emotional program was opened by Dr. William Spencer, founder and president of TIRR for 28 years. He was named "Physician of the Year" by President Lyndon Johnson in 1965. Also applauded enthusiastically were TIRR's president and CEO Harold Taylor and Lex Frieden, executive director of TIRR Foundation.

Lex came to Houston after he broke his neck in an auto accident while an 18-year-old student at Oklahoma State University in Stillwater back in 1968.

After three months at TIRR he returned to Oklahoma and received a degree in psychology from the University of Tulsa but opted to return to Houston for further study at UH.

"I liked the climate and the people," said Frieden, who hails from northern Oklahoma where it snows a lot. "A wheelchair in the snow is not easy to handle."

TIRR board members spotted in the crowd: Charles C. Beall Jr., Bonnie Brooks, Randall E. Evans, Paul Frison, William K. Lehner, Robert B. Sale Jr., Madeline Schneider, David D. Stock, Harold Taylor, Howard Wolf and Tom Tinsley, son of Houston City Councilwoman Eleanor Tinsley, who also attended.

# VOICE

The Institute for  
Rehabilitation and Research Systems

Fall, 1990



TIRR Sports  
Team Brings  
Home the Gold  
p. 3

President Bush  
Signs ADA  
p. 4

*Photo by Stephen McCarty*

**iRR**  
Systems

# From the President



Charlie Beall  
President, TIRR Systems

**W**hen I step back and look at each organization within the TIRR Systems structure, I see success stories. Every employee working in the four Systems companies has made a commitment to be the best and to provide the best care possible. All of this hard work and dedication has paid off in that our patients are returning to work and home, to lead more independent and

**Rehabilitation Voice** is a quarterly publication produced by TIRR Systems, a non-profit corporation that promotes and assists the rehabilitation and independence of people with disabilities through programs in the fields of health care and prevention; housing and home care; vocational preparation and placement; recreation; environmental modification and adaptive engineering; professional training and public education; product development and basic and applied research.

TIRR Systems includes The Institute for Rehabilitation and Research (TIRR), TIRR Foundation, TIRR Rehabilitation Centers, TIRR Sports and Rehabilitation Professional Services.

Materials contained herein may be reprinted only with the permission of TIRR Systems. Address all correspondence and any address changes to Director of Public Relations/Editor Melissa Sturgis, **Rehabilitation Voice**, TIRR Systems, 5100 Travis, Houston, Texas 77002, 713-528-0123, 713-528-4554 (fax)

Photography by Johnny Airheart.

productive lifestyles.

In the past few months, TIRR has been recognized for the outstanding contributions made to rehabilitation. There are over 6,500 hospitals in the United States and TIRR has recently been named as one of the "Best Hospitals" according to a survey conducted by U.S. News and World Report. Only 57 facilities were named to this prestigious list - something for which we all take pride.

Like the hospital's recent award, TIRR Sports athletes are also being recognized for their outstanding accomplishments. This past July, members of the Houston Challengers competed in Colorado, France and Holland against the world's best athletes with physical disabilities and brought home gold, silver and bronze medals - breaking world records and setting personal bests.

A long-awaited project coming to fruition is at the corner of Lamar Fleming and Moursund Avenue in the Texas Medical Center. Each day as you walk by the construction site for the new six-story patient tower, you are witnessing the successful fundraising efforts of TIRR Foundation. A total of \$4 million has been raised to fund part of this new building.

The Houston Back Injury Center, a member of TIRR Rehabilitation Centers has been demonstrating each day how hard work pays off. It has been operating at capacity and returning injured workers back to their jobs since its opening almost two years ago. This fall, a second Back Center will open in the Beaumont area.

TIRR Systems is proud of the many achievements found in each of the different organizations. Every person affiliated with the Hospital, Foundation, Rehabilitation Centers or TIRR Sports are doing their part to keep the name TIRR synonymous with success!

*Charlie Beall*

## BOARD OF TRUSTEES

### TIRR SYSTEMS

Howard Wolf, Chairman  
Charles C. Beall, Jr., President  
R. Edward Carter, M.D.  
Paul Frison, Vice Chairman  
Richard Hardin, Sr.  
Pat Luther  
Laurence E. Simmons, Secretary/Treasurer  
William A. Spencer, M.D.

### TIRR FOUNDATION

William A. Spencer, M.D., President  
Jerry Johnston Andrew, Sec./Treasurer  
Charles C. Beall, Jr.  
Muffin Clark  
Lex Frieden, Executive Director  
Richard Hardin, Sr.  
Pat Luther  
Robert Sale, Jr., Vice President  
Allan Shivers, Jr.

### TIRR

Howard Wolf, Chairman  
Louisa Adelung, Acting President  
Jerry Johnston Andrew  
Charles C. Beall, Jr., Vice Chairman  
Bonnie Brooks  
Madeline Schneider-Bunch  
R. Edward Carter, M.D., Vice Chairman  
Randall Evans, Secretary  
William Lehner, Treasurer  
Robert Sale, Jr.  
Allan Shivers, Jr.  
William A. Spencer, M.D.  
David Stock

### TIRR SPORTS

John Sparrow, Chairman  
Charles C. Beall, Jr.  
Bonnie Brooks, Secretary/Treasurer  
Ron Pephens  
Scott Schneider, Vice Chairman  
David Stephenson, President

### TIRR REHABILITATION CENTERS

Charles C. Beall, Jr., Chairman  
Bonnie Brooks, Secretary/Treasurer  
David Stock, President  
Tom Tinsley, Vice Chairman

# TIRR Sports Team Brings Home the Gold

By Kim Leo

**T**he Houston Challengers, the competitive athletic team for TIRR Sports, were hot on the trail of success this past summer. Personal bests and medal honors were captured from continent to continent this past July.

Ft. Collins, Colorado, was the site of the 1990 Junior National Wheelchair Games and athletes participating were Sara McLain, Anna Quartero, Pete Salazar, David Enderli and Chhay Mak.

McLain, 14, achieved three personal records in addition to capturing seven medals - six gold, one silver - in swimming and track and field events. Anna Quartero, 16, swam to three personal bests and captured one silver and three bronze medals. David Enderli, 16, set a personal best by swimming in three events, earning all silver medals. Seventeen year old Chhay Mak qualified for the finals in the shotput and in the 200 meter dash.

Pete Salazar, 15, participated in two swimming events and six track and field events, winning two bronze medals in the 50-yard freestyle and 50-yard backstroke. On the other side of the Atlantic, four more athletes took their talents to the World Championships for the Disabled held in Assen, Holland. Eric Owens, 27, brought home a gold medal in the discus with a career best of 21.76 meters (71.81 feet). In other competitions, 26-year old



TIRR Sports athletes, members of the Houston Challengers, gather for a team picture. Photo by Lynn Trafton.

year old Willie White took a silver medal in the javelin with a hurl of 35.68 meters (117.74 feet). This distance was only .12 centimeters short of a gold medal.

Jaronnie Smith, 22, set the World Record for Powerlifters in the 56 k. weight class, executing a gold medal lift of 254 pounds! Darrell Fontenot, 22, brought home a gold medal for the 4 X 100 relay and a silver in the 4 X 400 relay. He also captured a bronze in the 200 Meter dash.

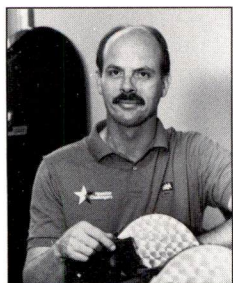
Members of TIRR Sports were found journeying all over Europe as Matt Kaiser, 12,

participated in the World Games for Disabled Youth held July 3-10, in St. Etienne, France. Kaiser set personal records and won gold medals in all of the events he was entered in - the 60 Meter dash, 200 meter dash and the long jump competition.

Setting personal records and winning medals are tremendous victories for any athlete. The members of TIRR Sports are winners, not because they frequently bring home the gold, silver or bronze medals, but because they are part of a team that is not afraid to try.

## TIRR Sports Offers Recreation Opportunities for the Physically Disabled

**T**IRR Systems and the Greater Houston Athletic Association for the Physically Disabled (GHAA-PD) have joined to form TIRR Sports, effective April 1, 1990. This new organization offers sports and



TIRR Sports President David Stephenson

recreation opportunities for persons with physical disabilities.

"There was such a need in the Houston community for sports and recreation for people who don't

want to compete, a lot of people, disabled or not, are intimidated by competition," stated David Stephenson, President of TIRR Sports.

Stephenson, a sports and recreation professional with over ten years experience working with the physically disabled, stresses that TIRR Sports was established to give physically disabled residents, age 6 and older, an opportunity to take part in a variety of sports and recreation.

Volunteer coaches help participants learn any of the activities offered, from beginning through advanced levels. These currently include bowling, swimming, lawn bowling, team handball, weight training, soccer and track and field. While competition isn't

required, participants have the option to compete through the Houston Challengers program. TIRR Sports will train athletes who choose to compete on the national and international level.

TIRR Sports works with over 50 different physical disabilities and encourages people of all levels to participate. The program operates out of the Metropolitan Multi-Service Center, a City of Houston facility at 1475 West Gray, that was designed specifically for the disabled community.

TIRR Sports programs are conducted at ten different satellite locations around the Greater Houston area. For more information, call 521-3737.

# President Bush Makes ADA a Reality

**T**he Americans with Disabilities Act, or the ADA as it is commonly called, became a reality on July 26, 1990. It is the most important piece of civil rights legislation since 1964 and taking part in the historical bill signing on the south lawn of The White House were a number of Houstonians and former TIRR patients, all special invited guests of President Bush.

Lex Frieden was one of 15 Houstonians invited by The White House to witness the signing of this important legislation. What makes this trip special to Lex is the fact that he helped draft the original bill in 1988 when he headed the National Council on Disabilities, a 15-member commission appointed by President Reagan.

In a Houston Post article by Barbara Linkin, Lex commented "the law which protects the disabled from discrimination in employment, public accommodations, transportation and telecommunication signals more than changes in building codes and employment practices. It signals a changing attitude. We have a large population of people who are unable to work simply because they're labeled as disabled."

More than 200,000 people with disabilities in Houston and over 43 million in the United States will benefit from the ADA, yet it almost



Former TIRR patient Justin Dart, Jr. (Chairman, President's Committee on Employment of People with Disabilities - seated right) and TIRR Foundation adviser Evan Kemp (Chairman, Equal Employment Opportunity Commission - seated left), look on as President Bush signs the Americans with Disabilities Act. Also pictured are Rev. Harold Wilkie and Sandy Parrino. Photo by Bob Burgess

appeared that the ADA wasn't going to be signed into law, that it might be shelved forever. Concerns from some members of the business community raised questions related to specific language and its potential effect on the small business owner. However, most business people agree that people with disabilities can be productive in the workplace and the community, and that

reasonable modifications can be made at little or no expense.

Final passage of the Act by Congress was achieved on July 13 when the Senate passed the ADA bill by a vote of 91-6. One day earlier, the House voted passage by a margin of 377-28.

The Americans with Disabilities Act - a giant first step in the quest for independence!

## Sports and Recreation Expo Coming to Clear Lake This Month

**W**ater skiing. Quad Rugby. Sailing. Tennis. You don't have to be a star athlete to enjoy these and many more activities at the Texas Wheelchair Sports Festival and Recreation Expo at NASA Clear Lake Park. Saturday, September 29, 1990 from

10 a.m. - 5 p.m. marks the date for this afternoon of free activities.

All members of the disabled community, families and children are invited to attend. Festival T-shirts with the official Expo logo will be given out to the first 250 people to enter the gate. The day's events will kick off with a 5K National Championship Wheelchair Race, beginning at 8 a.m.

Expo attendees will have the opportunity to see the latest in adaptive recreational aids and sports equipment and

will be encouraged to participate in the various demonstrations.

Across the street from the Expo, visitors can enjoy the Fourth Annual Shrimporee featuring a fish fry and shrimp boil, bluegrass music and a live auction.

The Wheelchair Sports Festival and Recreation Expo is sponsored by the RRTC in Community-Oriented Services for Persons with Spinal Cord Injury at TIRR, TIRR Sports, the City of Pasadena Verne Cox Recreation Center, Southwest Wheelchair Athletic Association (SWAA) and Paraplegics on Independent Nature Trips (POINT).

For more information, contact the Department of Therapeutic Recreation at TIRR, 797-5945.



# Houston Back Injury Center Offers Work Hardening Program

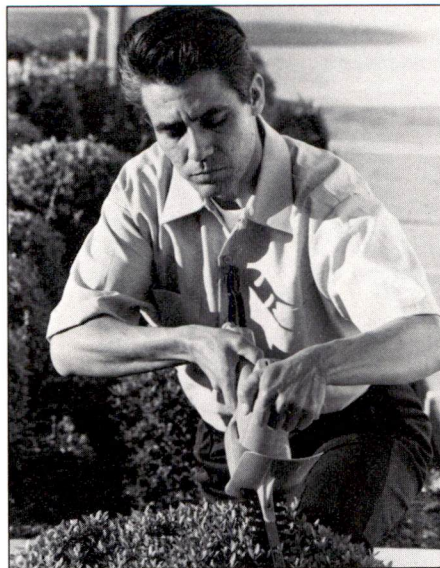
**O**n any given day, you can drop in at the Houston Back Injury Center (6601 Tarnef in Sharpstown) and see people pounding nails, shoveling gravel or lifting various objects. These people are taking the "work as treatment" approach to help them return to their jobs - they are participating in the Center's Work Hardening program.

In today's competitive workforce, many employers are realizing that it takes more than time off at home before an injured employee can return to their job. "Statistics show that 60 percent of them will get reinjured within the first year," said Sharon Deshotel, Administrator of the Houston Back Injury Center, a program of TIRR Rehabilitation Centers.

Employers today are using Work Hardening programs in order to prevent further injuries among their employees. "They combine medical and vocational rehabilitation and retraining, with an overall goal of getting the employee back to work," stated David Stock, President of TIRR Rehabilitation Centers.

The Back Center has one of the best Work Hardening programs in the city and boasts a return to work rate of 61.01%. Programs like these can cut back on employers' costs. Getting the injured worker back on the job faster - to help prevent rising costs - is the goal of the Back Center's Work Hardening Program, and one that is obviously successful. After trying numerous programs and therapies, George Simmons, an electrician who injured his back on the job came to the center. After completing the work hardening program he exclaimed, "I don't know why I wasn't sent here sooner...why didn't I get treatment like this in the first place?"

The Center has experienced consistent



Nick Guevera, a U.S. Postal carrier, was able to return to work and his gardening thanks to the work hardening program.

growth since their opening in October of 1988 and plans are underway to open up another center in Beaumont.

The Houston Back Injury Center specializes in evaluating and maximizing the functional capacity of those suffering from injuries to the back, neck and spine. T.O. Moore, M.D., a highly-respected orthopedic physician with years of experience in back injury and treatment, serves as the medical director of the program.

It's because of the Back Center's highly qualified staff and dedication to their clients that keeps clients like George motivated throughout their therapy program, and more importantly - gets them back to work!

## Construction Corner

TIRR Systems President Charlie Beall (L), TIRR Foundation Executive Director Lex Frieden (seated), TIRR Medical Director William H. Donovan, M.D. (standing C) and TIRR Acting President Louisa Adelung (R) are all smiles at the July topping off of the new six-story patient tower, scheduled to open in the spring of 1991.

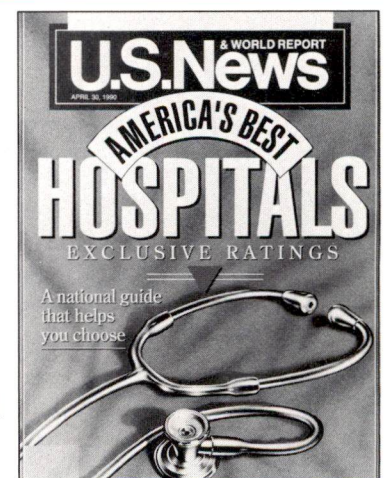
The first floor will consist of the Lillie and Roy Cullen Dining Pavilion which will open onto a patio at the corner of Lamar Fleming and Moursund Ave. The second floor will house a residents call room and Respiratory Care department. The remaining floors will be designated for patients in the spinal cord injury program, the Dunn Foundation Brain Injury Rehabilitation Unit and the pediatric program.



## TIRR Named as One of the Country's Best Hospitals

TIRR has been named as one of the country's best hospitals in the April 30 issue of *U.S. News and World Report*.

Of the 6,500 hospitals in the United States, 57 were honored on the "Best Hospitals" list. U.S. News surveyed 400 doctors in varying specialties, naming TIRR as the "Best in Rehabilitation."



# VOICE

## T R A C K S

• Catherine Bontke, M.D., Director of the Brain Injury Program has been selected to serve on the Center for Disease Control, Division of Injury Control's Rehabilitation Panel. The panel prepares the national agenda for injury control and meets several times a year. Dr. Bontke will be helping set our national priorities in the planning, funding and implementation of injury research, training and control programs.

• R. Edward Carter, M.D., Director of the Spinal Cord Injury Program has been re-elected for a second term of two years as President of the International Medical Society of Paraplegia. This society is composed of over 1000 physicians in 70 different countries. Dr. Carter is the second President to be elected from the United States in the 30 year history of the society.

• Two members of TIRR's Occupational Therapy department are serving on the conference committee for the Texas Occupational Therapy Association Annual State Conference to be held in Galveston, October 11-14, 1990. Pam Lathem, director of Occupational Therapy is co-chairing the exhibits for the conference and Susan Garber, assistant director of research is co-chair for publicity.

• Rebecca Clearman, M.D., director of the Sports Arts Injury Program at TIRR has been invited to share her expertise in sports medicine with her foreign counterparts in the Citizen Ambassador Program of "People to People International." "People to People" is a non-political organization dedicated to promoting international understanding. The Citizen Ambassador Program primarily focuses on the desires of professionals to share their expertise among colleagues of various cultures. Their primary goal is to bring North American practices in sports medicine to the Eastern European countries as well as the Soviet Union.

• TIRR staff will be presenting a "hands-on" workshop in inhibitory casting September 21-23 for rehabilitation professionals. The focus of the three-day workshop is the use of inhibitory casting as one modality in the management of spasticity for brain-injured patients. The workshop is a joint effort of the Education, Occupational and Physical Therapy departments and the Brain Injury Program.

• L. Don Lehmkuhl, Ph.D., FAPTA, director of Brain Injury Research at TIRR was recently honored at the American Physical Therapy Association's annual conference. Named as the "Mary McMillan Lecturer" Lehmkuhl was honored for his distinguishing contributions to the field of physical therapy.

• Thorkild Engen, C.O., director of Orthotics for TIRR, was recently honored with the 1990 "N-EMMY Award" for Excellence in Medical Rehabilitation. Presented to him by the Dallas Rehabilitation Institute, a member of National Medical Enterprises Inc., the award honors Engen's significant contributions to the field over the past thirty years. Additionally, Engen received the "Research Achievement Award" for his research contributions to the field of physical medicine and rehabilitation from Baylor College of Medicine - Department of Physical Medicine and Rehabilitation. Engen is an associate professor in the departments of orthotics and physical medicine and rehabilitation at Baylor and has been with TIRR since 1954.

• Tom O. Moore, M.D. medical director of the Houston Back Injury Center and Sharon Deshotel, L.P.T., administrative director, will be featured speakers at the Texas Association of Rehabilitation Professionals in the Private Sector (TARPS) workshop, to be held in October.

# Variety Club of Houston Forms Limb Bank at TIRR

**S**ometimes, 9-year old Amanda Crow and her twin sister Megan trade places and try to fool their mother by switching pajamas. It usually works until one of them starts giggling.

At a glance, it would have been difficult to tell the identical twins apart. Although Amanda has an artificial limb, she does not believe that it makes her any different from her sister, much less any other child.

Amanda has a congenital birth defect. She was born without the portion of her right arm below the elbow. When she was 9 months old Amanda was fitted with her first hook-type prosthesis.

"The main advantage of the limb she has now is its appearance. The limb makes her look like the other kids at school," said her mother, Jamie, who along with her husband, Richard, and 4-year old son Ricky, live in Hunter's Glen in Missouri City. "Of course, she was raised no differently from other children."

There are other benefits of Amanda's artificial limb, her mother said. For instance, the limb makes it easier for her to participate in two-handed activities at school. Also, Amanda can use her hand during games at recess.

When Amanda was 9 she received a myoelectric hand which is more technically advanced than the hook-type prosthesis.

"I can hold things better now," Amanda said. "I like the way it looks better and it is more comfortable." Amanda can wear more types of clothing and the hand requires less maintenance, her mother added.

Amanda received the myoelectric arm from the Veterans of Foreign Wars, Post 6010 and the Variety Club of Houston, which is in the process of forming a Limb Bank at TIRR.

"Instead of holding money, this bank will hold limbs," said Diane Atkins, director of the Amputee Program at TIRR. "When a child outgrows an artificial limb, the bank will be able to provide the child with a larger limb at little or no cost."

The Limb Bank would be managed by the Amputee Team at TIRR. Limbs would be available based on psychological, emotional, medical and financial needs of children between 1 and 19 years of age. Children would be evaluated and followed after they receive



*The Variety Club of Houston presented 10-year-old Amanda Crow with a myoelectric hand. Her new friends include Darrell Duggan, commander of VFW Post 6010 (L); Diane Atkins, director of the Amputee Program (C) and John Nau, president of Silver Eagle Distributors, Inc. (R).*

artificial limbs.

Children between the ages of 1 and 10 outgrow their prosthesis every 18 months to two years. Non-electric components are generally not used again. The electric components however may benefit up to three or four children, said Atkins.

The cost for Amanda's myoelectric hand was more than \$7,000 in 1989, but the cost for myoelectric elbows -- if the arm is missing above the elbow or at the shoulder -- if often over three times that amount. "Because of the nature of the expense, many insurance companies won't sponsor electric parts. Also, Chronically Ill and Disabled Children (CIDC), a state-supported agency for families in financial need, doesn't have the funding for so many families," said Atkins.

Because of the cost, recycling these parts is a cause that the Variety Clubs International, a worldwide service organization for children, supports.

Sponsored by the Variety Clubs of Houston, the "Have a Heart, Lend a Hand," fundraiser to

be held on Thursday, September 27 will get the bank going strong, said Atkins. "We need at least \$100,000 to get the program off the ground." The \$100,000 would cover all costs of componentry, prosthetic fabrication, training in physical and occupational therapy, maintenance, repair and eventually, replacement when the child outgrows it.

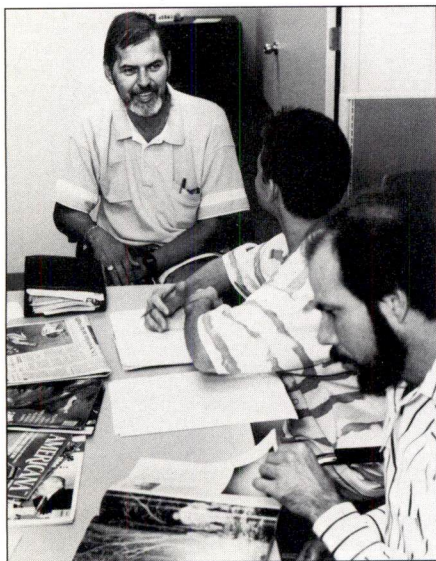
The major sponsors of the event will be the Westin Galleria Hotel, American Airlines and Anheuser Busch, Inc.

Houston's own Dr. Red Duke is scheduled to be the introductory speaker of the cocktail party and variety show. Entertainment will be provided by Larry Gatlin and the Gatlin Brothers with others to be named at a later date.

Tables for 10 will be \$1,000, \$1,500 or \$2,500. Atkins said the goal for table sales was 80. For more information on the fundraiser, contact Laura Rowe, chairperson at 525-2288.

*\* Reprinted with permission from Elizabeth L. McDavid, The Houston Chronicle, "This Week."*

## Beating the Odds: The John Scarborough Story



*John leads fellow Challenge Program clients in the newspaper group where they write, design and layout a quarterly newspaper.*

**J**ohn scorched the beans last night - his first attempt at cooking in six months. "I'm not used to an electric stove," he explains. But the fact that the beans were stuck to the bottom doesn't matter to John and Pat Scarborough. It's a memorable moment that almost was taken away from them. They were high school sweethearts and like many others, they married soon after graduation. Life has been good to Pat and John. They've been married for 28 years and are blessed with two beautiful girls - Jill, 21, an aspiring photographer and DiAnna, 27, the mother of twin 17 month old boys - Pat and John's first grandchildren. They share a beach house in Galveston with Pat's uncle where they partake in "R & R" every other weekend.

Ironically, it was in Galveston, their "get-away place," where John and Pat's life took a sudden turn for the worse. John was a senior consultant for C.W. Systems Inc. and had just accepted a new position in Freeport for Dow Chemical Co., a client of his. John designed a computer system for them and was preparing to take on another project when his life was put on hold.

"It was Tuesday evening, January 30 when John called me from Galveston, to thank me for making the long trip to see him. He seemed to be talking nonsense and kept on thanking me for meeting him...but I never left Houston that day," recalls Pat. "During the conversation, John began to complain of a strained neck and mentioned that he was up all night vomiting and his back hurt - he thought he had the flu."

It wasn't the flu - it was a stroke. An aneurysm to be exact. Incredibly, John went to work Wednesday and Thursday, not realizing that his "flu" was actually a life-threatening situation. That Friday, February 2, John drove home from Galveston to Houston in the pouring rain. He was going to Baton Rouge on Monday and had to stop at the bank and the cleaners, running the last minute errands one does before leaving on a trip.

Finally at home in Houston, John went to bed in hopes of getting rid of the flu. "It was the middle of the night and John couldn't stay in bed. He was in so much pain. Then the bizarre behavior began. John started putting socks on his feet - but there were no socks. He'd light a cigarette and smoke it - but there wasn't a cigarette."

Realizing something was wrong, Pat took John to the hospital on Saturday morning, February 3. It was here that he had his second stroke, an extremely violent one. Despite being strapped to the gurney, six people couldn't hold him down.

"The initial thought was that John was drunk. As soon as they drew blood they realized this was not the case. A CT scan held the answer," remembers Pat. "According to his doctors, John's condition was deteriorating almost hourly."

On Thursday, February 8, John was LifeFlighted to a hospital in the Texas Medical Center where his initial assessment was critical. "I was told John would probably have another stroke - and the next one would be fatal," said Pat. When arteries rupture in the brain like John's did, they usually don't make it to the hospital. Once he had stabilized, a shunt was put into his skull to relieve the cerebrospinal fluid building up and pressing on his brain. After the vasospasms stopped, (the brain violently reacting to the hemorrhage), he started to come out of coma.

He was beating the odds. Surgery was scheduled for March 2. Initially, Pat was told John wouldn't make it to surgery and that if he survived, he'd have the mentality of a 4-6 year old and would need years of therapy.

Again, he beat the odds. Pat kept a vigil at John's bedside, occasionally leaving the room so as not to cry in front of him. It had been a long, exhausting ordeal but no one was ready to give up hope. With his doctor in the room, Pat asked John, "Do you know who your doctor is?"

"Yeah. Medium height, reddish brown hair, black glasses," John replied.

With this, all mouths in the room dropped to the floor. "Get this man into therapy as soon as possible," his doctor demanded.

Now came the time to find a rehabilitation program for John. Because John was a good candidate to return to work after his rehabilitation, the Texas Rehabilitation Commission accepted him into their program.

After an extensive search for rehabilitation programs, they chose TIRR and John began his therapy in March. His goals were set and updated every two weeks by the brain injury program team led by Catherine Bontke, M.D., and Robert Sawicki, Ph.D. Immediately, John



*Jill, John and Pat Scarborough treasure their daily walks around the apartment complex.*

began his daily regimen of physical, occupational, and cognitive therapy. He believes his positive attitude helped him in his recovery. "I'm still young and have more years ahead of me. I couldn't sit around in my wheelchair in self-pity...I had to keep myself motivated and hopefully set a good example for the other patients," says John. He did set good examples for other TIRR patients. When a patient had difficulty using his foot to maneuver himself in his wheelchair, at the therapist's request, John gave the patient a quick lesson and the two men began "cruising the halls."

All of TIRR's programs stress family participation, as this is critical to the rehabilitation effort and Pat Scarborough didn't miss a day. John worked hard throughout his rehabilitation. He was determined to walk out of TIRR on his discharge day...and he did. On June 22, two days before Pat's birthday, John Scarborough walked out of TIRR amidst applause, balloons and plenty of smiles. A video camera captured this important moment. "It was the best birthday present I could ever receive," said Pat.

The next step in his rehabilitation was TIRR's Challenge Program, an outpatient day treatment program for adults with brain injuries. What makes this program unique is that it uses everyday experiences as a means of therapy. The community is a classroom, giving clients access to restaurants, banks, grocery stores and the METRO bus.

John spends three days a week at the Challenge Program, preparing for his return to C.W. Systems, Inc. and Dow Chemical Co. In between his busy schedule of therapy, John

and his associate at C.W. Systems, John Raitano, are donating their time and expertise to designing a computer system for TIRR's Speech-Language Department. The new system will determine the cognitive competency level of patients when entering TIRR. It will also reduce the amount of time spent on testing patients.

After spending 139 days in hospitals, John and Pat were ready to get on with their lives. Because of the amount of time Pat was away from work, in addition to the industry's decline, she lost her job. Today she is working part-time for a company that is "emotionally supportive and has a positive atmosphere."

Pat and John reflect on the past six months and manage to keep things in a positive light. "We feel very lucky. John's aneurysm was congenital. This could have happened ten years ago when we had two young children to care for...or it could have happened ten years from now when John was older and not a good candidate for TRC's program," reflects Pat. "With the excellent programs at TIRR we've learned to problem-solve. It's a challenge. We talk about the barriers and figure out what to do from there."

Pat makes a point to mention her source of strength - John's mother. "She is the most inspirational woman I've ever met...a role model I'll reach for as long as I live. Her faith and Christianity is not a coat she puts on-it's a part of who she is. She kept me going. She kept me positive."

When John asked Pat if she was happy with "what she's brought home," she replied with a smile- "I'm very happy with what I've taken home...scorched beans and all."

---

*"With the excellent programs at TIRR we've learned to problem-solve. It's a challenge. We talk about the barriers and figure out what to do from there."*

---

# Brain Injury Prevention Campaign Proves to be a Hit

**T**his past July and August, TIRR and the Texas Head Injury Association embarked on a Brain Injury Prevention Public Awareness Campaign. The purpose of the effort was to educate the public in the methods of preventing serious injury. The summer months were chosen as the period for the campaign because the incidences of brain injuries increase during this time.

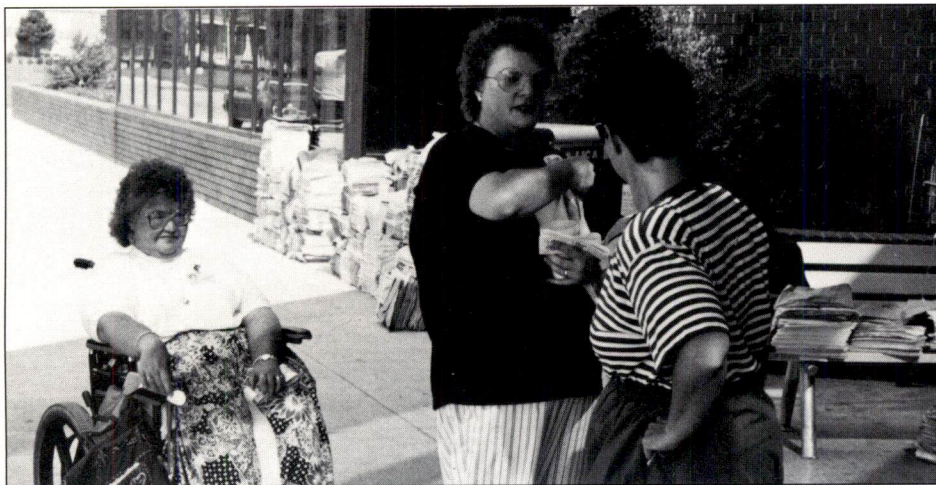
Using the theme - "The Brain, the part you can't replace," the campaign stressed the use of seat belts, car seats and safety helmets as a means of preventing serious injuries.

During the two month timeframe, the message was sent out to the public via outdoor advertising (billboards), a 30-second television public service announcement, a 30-second radio spot, staffed information tables

at select Kroger stores and imprinted Kroger grocery bags.

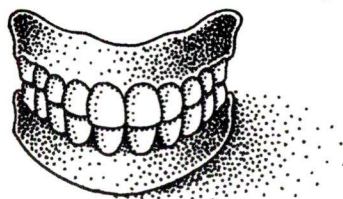
Shortly after the bags were printed, Kroger received this response from a comment card in one of their San Antonio stores.

"I received a plastic bag to carry my grocery purchases in that said seat belts and car seats prevent brain injuries. That bag rode home with me in my car. I looked at the message and thought - what the heck - and put my seat belt on - my wife did the same. After about a mile later we got run off the road in our Volkswagon and the car flipped over into a ditch. The car was totaled. We walked away with a bruised knee and a sore elbow. That public service advertisement saved my life."



Mary Ann Board and Pat Maurer visit with a Kroger customer.

If only your brain was this easy to replace.



Seat belts, car seats and safety helmets prevent brain injuries.

*A public service message brought to you by The Institute for Rehabilitation and Research, the Texas Head Injury Association and Patrick Media Group.*

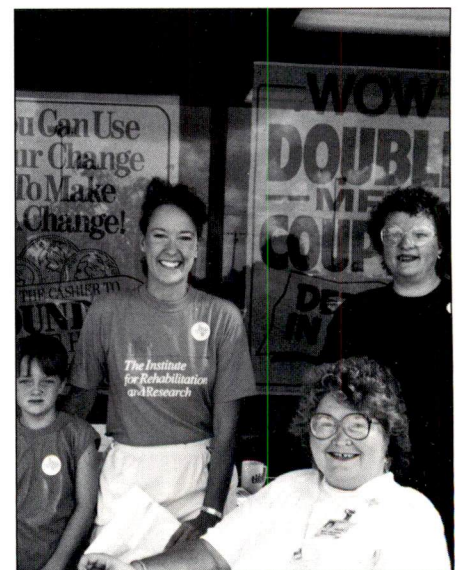
The tongue-in-cheek billboard was one of 25 posted around the Houston area.

## THANKS!

Many thanks to the following individuals and companies who generously gave of their time and talents to the Brain Injury Prevention Public Awareness Campaign:

Stephanie Babb  
Baylor College of Medicine - Public Affairs  
Bob Green Productions  
Mary Ann Board  
Catherine F. Bontke, M.D. and the Brain Injury Team  
Challenge Program Clients and Staff  
Elizabeth Earhart  
Karen Fiffick  
Anna May Hesper  
Peggy Kannellos  
KPRC Radio  
KPRC-TV  
Kroger Stores  
Pat Maurer  
Patrick Media Group  
Pearlman Productions  
D. Peterson and Associates  
Nancy Pumphrey  
Mitch Rappaport  
Linda Rock  
Ann St. John  
Rennie Swift  
Texas Head Injury Association  
Wright Advertising and Public Relations

*The July Brain Injury Prevention Public Awareness Campaign was a success thanks to TIRR staff volunteers: Karen Fiffick, RN, CRRN (L), Mary Ann Board, MSW, CSW-ACP (C) and Pat Maurer, RN, (R).*





*Pediatric Program Director Dr. Stelly-Seitz believes in educating her young patients in all aspects of their rehabilitation as seen here with Krystal Stockton.*

## Dr. Stelly-Seitz Directs TIRR's Pediatric Program

*By: Kim Leo*

**S**ince her 1989 debut at TIRR, Charlotte Stelly-Seitz, M.D., has proven time after time how important her patients are to her. As Director of the Pediatric Rehabilitation Program at TIRR, she sees a multitude of children with disabilities due to injury or illness. Her unique combination of expertise - she is board certified in pediatrics and has a dual specialty in physical medicine and rehabilitation - allows her to meet the special needs of the children. The program was developed to meet these growing needs and includes individualized treatment programs to help each child throughout the rehabilitation process.

There are many services of the Pediatric Program that are unique because of the young patients in the program. Since an injury or illness often disrupts a child's education, certified special education teachers from the Houston Independent School District work with each child. This allows the young patients to continue their studies even though they are in the hospital.

Other specialized services TIRR provides for its young patients include medication supervision, nutritional assessments, occupational therapy, speech-language therapy, physical therapy and therapeutic recreation to name a few. Clinics which address a child's particular disability are also an integral part of the program.

The rehabilitation process may seem a bit confusing and upsetting to a young child. Dr. Stelly-Seitz feels that this fear is the main reason behind educating the patient and family on every aspect of a child's injury or illness. "The family is very important when it comes to bringing the child to his or her fullest potential following an injury or illness," she said.

Because of the recent developments in research and technology, children with

disabilities are now living longer, more productive lives. Dr. Stelly-Seitz stresses this to the parents of her patients and encourages them to plan for the future. She encourages her patients to take steps to embrace not only today, but tomorrow as well. "I try to make my patients think ahead and often times this involves the idea of vocational planning at an early age. When these children turn 18, they should be prepared to enter the most independent, productive life possible," she explains.

Dr. Stelly-Seitz stresses that "children need to receive specific pediatric treatment, not adult treatment that has been altered for children." In treating children, she emphasizes that each child is different and should be treated according to their particular developmental age. "It is important to keep in mind that pediatric rehabilitation is much different than adult rehabilitation. Children are still gaining skills, whereas adults have lost skills and have to re-learn," she said.

Her patients' needs aren't forgotten after they are discharged from TIRR. She says that consistent follow-up care and funding are the two biggest challenges facing her today. It isn't uncommon to find Dr. Stelly-Seitz meeting with the Texas Board of Health or advocating for Chronically Ill and Disabled Children (CIDC). In addition to these measures, she also finds time to talk with support groups.

Each child that visits TIRR is unique to Dr. Stelly-Seitz. The patients and their families know they can trust her and feel confident in putting their child in her care. By listening to and caring for both the patient and family, Dr. Stelly-Seitz has proven the importance of family involvement in comprehensive rehabilitative care. Each child's hopes and dreams are considered when Dr. Stelly-Seitz prescribes treatment.

### IN THE NEXT ISSUE:

**Spinal Cord Injury  
and  
Modern Technology**

**The Sports Arts Center  
Celebrates its Second Year**

# IN GRATEFUL ACKNOWLEDGEMENT

The TIRR Systems family - our board, staff and patients, wish to express our gratitude to the following individuals, foundations and companies whose contributions or pledges of money or equipment have supported our efforts. Such donations enable us to provide services or to undertake research and educational projects that otherwise may not be possible.

List includes pledges and contributions received January 1, 1989 - June 30, 1990.

## FOUNDERS

**\$100,000 +**

M. D. Anderson Foundation  
The Clayton Fund, Inc.  
The Cullen Foundation  
The Cullen Trust for Health Care  
John S. Dunn Research Foundation  
The Fondren Foundation  
Strake Foundation  
TIRR Auxiliary

## BENEFACTORS

**\$10,000 - \$99,999**

R. C. Baker Foundation  
Botwinick-Wolfensohn Foundation  
Mr. Branard Brochstein  
The Galen T. Brown Foundation  
Compaq Computer Foundation  
Enron Foundation  
The William Stamps Farish Fund  
Gillson Longenbaugh Foundation  
Invacare Corporation  
The Ralph A. Johnston Foundation, Inc.  
Kappa Kappa Gamma Charitable Foundation  
Mr. and Mrs. Homer L. Luther, Jr.  
The Meadows Foundation  
Mitchell Energy and Development Corporation

Dr. and Mrs. Michael A. Pettit  
Pharmacia LKB Biotechnology, Inc.  
Rockwell Fund, Inc.  
Mr. Alex Segall  
Shell Oil Company Foundation  
Dr. and Mrs. William A. Spencer  
Texas Commerce Bank  
Union Texas Petroleum  
Variety Club of Houston, Tent 34  
J. M. West Texas Corporation

## SPONSORS

**\$5,000 - \$9,999**

The Gordon and Mary Cain Foundation  
Dr. Denton Cooley  
Mr. Hartley Hampton  
Panhandle Eastern Corporation  
Al Parker Buick  
River Oaks Garden Club of Houston  
Skandinaviska Enskilda Banken Corporation  
Tenneco Gas

## PARTNERS

**\$1,000 - \$4,999**

Amco Medical Services  
Baroid Corporation  
Ms. Harriet Bath  
Mrs. Billie Bath Perlman  
Mr. and Mrs. Charles C. Beall, Jr.  
Ms. Bonnie Brooks  
The George and Anne Butler Foundation  
CRS Sirrinc, Inc.  
Everest and Jennings, Inc.  
ExtendaCare Health Systems  
First City, Texas  
Fluor Daniel, Inc.  
Mr. and Mrs. Lex Frieden  
The Garden Club of Houston  
Hobby Foundation  
Ms. Lauri Hunter

Jay Medical, Ltd.  
Mr. and Mrs. Don F. McMillian  
Motion Design  
Neiman Marcus  
Omni Foundation  
The Powell Foundation  
Quickie Wheelchair Manufacturer  
The Rienzi Foundation, Inc.  
Mr. Stephen W. Schneider  
Mr. and Mrs. O. M. Schoenemann  
St. Luke's United Methodist Church  
Mr. and Mrs. David Stock  
Richard Stodder Charitable Foundation  
Sysco Corporation  
Mr. Robert Wilhite  
Mr. Howard Wolf  
Zapata Corporation

## BOOSTERS

**\$500 - \$999**

Allen Park Inn  
Mrs. Jerry Johnston Andrew  
Battle Mountain Gold Company  
Compass Bank  
Mr. and Mrs. Joe Hardilek  
Mr. and Mrs. Irwin L. Levy and  
Mrs. Gerson Scheps  
Muilenburg Prosthetics, Inc.  
Ms. Phyllis P. Rathbun  
SCI Consensus Conference Fund  
Mr. Allan Shivers, Jr.  
Texas Gas Transmission Corporation

## PATRONS

**\$100 - \$499**

Adlib, Inc.  
Mr. Issac Arnold, Jr.  
Mr. and Mrs. Elliot Axel  
Mr. and Mrs. Mike Baker  
Banyon Townhouse Association  
Ms. Sylvia J. Bartay  
Mary Lou Canter Trust

Charter Bancshares  
Clear Creek Golf Course  
Congregation of St. James the Fisherman  
Mr. and Mrs. Allen B. Craig  
Mr. and Mrs. Jim Crowther  
Ms. Carolyn M. Davidson  
Ms. Myrna L. Davidson  
Mr. Doug Dwelle  
The Endowment Fund of the Jewish Community  
Mr. Randall E. Evans  
Ms. Susan Fronck  
Ms. Susan Garber  
Ms. Clare A. Glassell  
Mr. Lloyd Green  
Mr. J. E. Harrell  
Mrs. Leota Meyer Hess  
Mr. and Mrs. Thomas J. Holmes  
Mr. and Mrs. Seth Houck  
Mr. and Mrs. Charles Kaiser  
Mr. and Mrs. Leonard R. Kallop  
Mr. and Mrs. Albert B. Kimball  
Dr. John F. Lancaster  
Mills, Shirley, Eckel, and Bassett  
Mr. and Mrs. Grover B. Nielson  
Ms. Janice Oshensky  
Pro Form  
Raymo Products, Inc.  
Mrs. Mable Rettig  
Roho, Inc.  
Dr. Donald C. Ruthven  
Mr. and Mrs. M. M. Schwartz  
Mr. and Mrs. Melvin Simon  
SmithKline Beckman  
Mr. and Mrs. George A. Speer  
Mr. and Mrs. David Stein and Family  
Mr. and Mrs. Dallas J. Stephens  
Texas State Optical - Little York  
Dr. and Mrs. Sellers J. Thomas, Jr.  
Weatherford International Inc.  
Mr. Lionel Wayne White



5100 Travis  
Houston, TX 77002-9742  
713/528-0123

**Non-Profit  
Organization  
U.S. Postage  
PAID  
Houston, Texas  
Permit No. 3687**

**RETURN POSTAGE GUARANTEED  
ADDRESS CORRECTION REQUESTED**

- Change name or address as shown on address label.  
 I received a duplicate copy. Please make the necessary correction.  
 Please add my name to the mailing list.  
 Please remove my name from your mailing list.

**Please return your address label in an envelope to the TIRR Systems address above.**

A bronze sculpture of a muscular man, possibly a slave or a figure of oppression, with his arms raised in a gesture of defiance or struggle. He is wearing a hood and has chains around his wrists and waist. The sculpture is set against a light, textured background. The man's right arm is raised high, and his left arm is also raised, with his hand resting on a large, craggy rock. The overall tone is dramatic and powerful.

# The Quality of Life

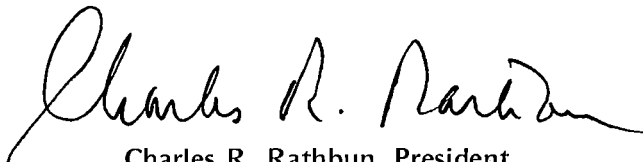
Dear Friend:

A major Southwestern firm recently asked one of its executives to review the activities of the Texas Institute for Rehabilitation and Research to ascertain (1.) the contribution the Institute was making to this community and (2.) what support, if any, the company should give the Institute.

We were privileged to see the final report. Believing it accurately presents the picture of the Institute, we asked and received permission to publish it in this small pamphlet. We have taken the liberty of adding photographs.

TIRR is a vital regional medical institution deeply involved in the welfare of mankind. I sincerely hope that you will take these few minutes to become better acquainted with it.

Sincerely,

A handwritten signature in cursive script that reads "Charles R. Rathbun". The signature is fluid and extends across the width of the text area below it.

Charles R. Rathbun, President  
Board of Trustees



The product of the Texas Institute for Rehabilitation and Research is rare indeed. The doctors and nurses are not debating the questions of life or death, but rather the quality of the life of their patients. It is this desire for the quality of life that impressed me most about the Institute when first I discovered it located at the geographical heart of the Texas Medical Center. I had heard much about its work and accomplishments and decided to learn more through visits with patients, volunteers, members of the Institute staff and administration.

My initial concrete finding was that the Texas Institute for Rehabilitation and Research is no ordinary medical institution. While I expected to feel sorry for patients suffering injuries and illnesses crippling them for life, I soon learned that no one at TIRR wants or needs sympathy. Patients have individually and collectively conquered what fate handed them, each in his own way. They are living proof that a handicap need not be a liability.

These aren't handicapped people. . .even though they use a battery-powered respirator for breathing, ride in a wheelchair, or spend hours and days in specialized therapy. They are individuals rebuilding a body that has been impaired, and there is not one of them who does not believe he or she will soon be back again meeting and succeeding in the day to day chores of life.

The Institute's Director, Dr. William A. Spencer, stated it this way during one of our conversations: "Many of our patients are young with a long life ahead. Are they going to spend the rest of their lives in a nursing home or return to a productive life with the dignity of an individual and the economic freedom to earn a living in a free society?"

With respect to the staff, I have never met people in industry, government, or private life who are more dedicated in their work or have more faith that the tasks they are undertaking daily will bring about favorable results.



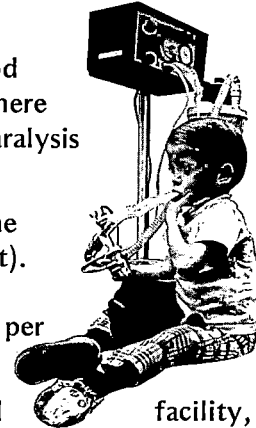
## BACKGROUND

The Texas Institute for Rehabilitation and Research is located in the heart of the famed Texas Medical Center in Houston, Texas. It was created in 1959 as a voluntary, nonprofit, regional health facility serving patients throughout the Southwest suffering from:

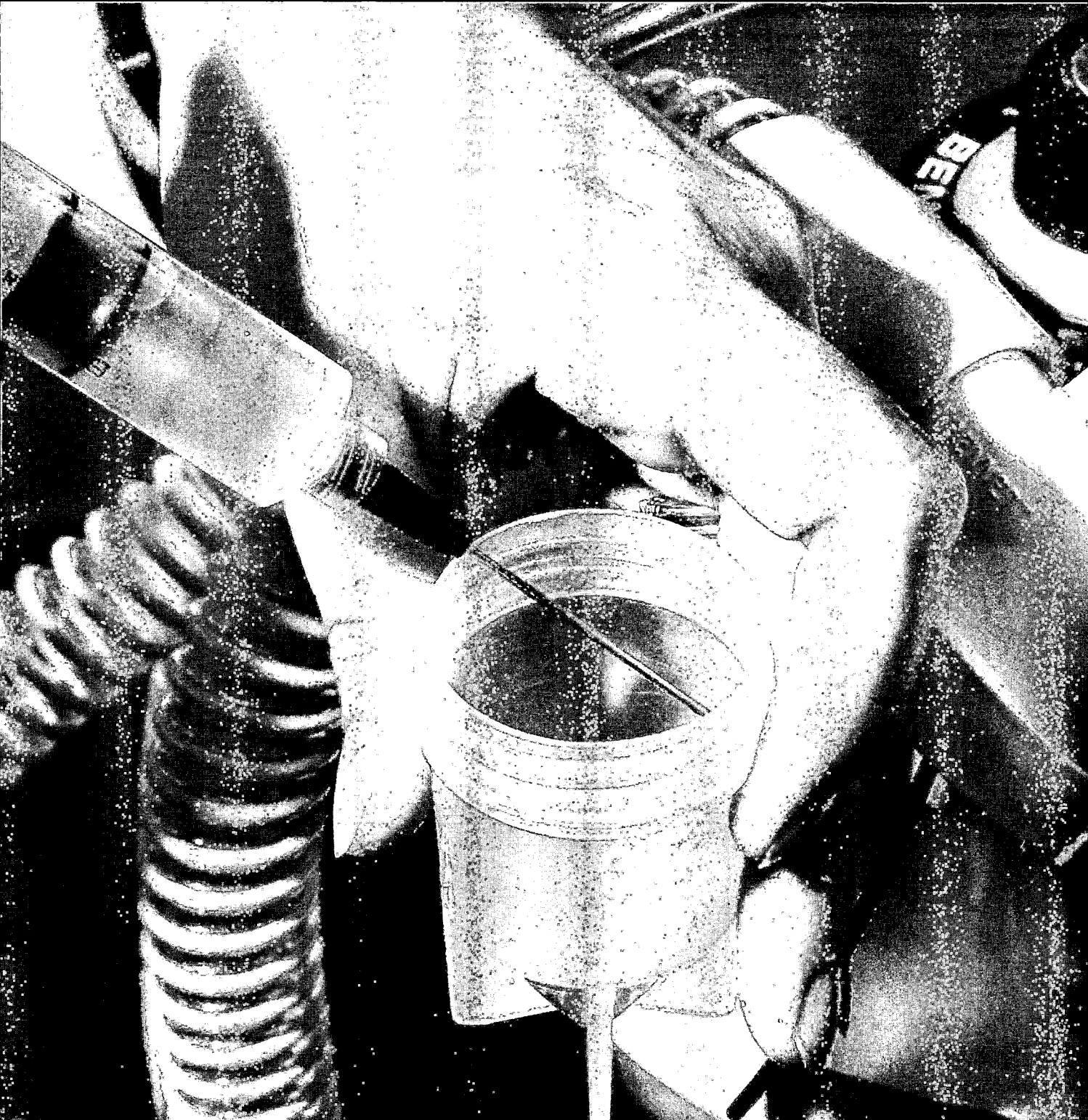
- Extensive paralysis—resulting from spinal cord injury (largely due to auto accidents and athletic injuries), brain injury or damage from poor circulation or vascular disease causing a stroke, or diseases of nerves and muscles as with multiple sclerosis or muscular dystrophy.
- Multiple handicapping conditions—due to birth defects, diseases of the circulatory system, skeletal system deformities, amputations, inflammatory conditions such as severe arthritis, and diseases affecting the general chemistry of the body.
- Breathing impairments—due to cystic fibrosis, childhood illnesses affecting the lungs and circulatory system, or where there is nerve and muscle damage causing weakness or paralysis of the breathing muscles.

Compared to the other Texas Medical Center facilities, the Institute is housed in a small building (84,000 square feet). It has 59 beds for inpatient care and operates fifteen individual outpatient clinics. 575 inpatients are cared for per year and 1,500 outpatients and day care patients.

Late in 1970, TIRR acquired an additional new 40-bed facility, near the downtown area, having a basic design compatible with wheelchair level mobility. It is ideally suited to the paralyzed patient, those in need of re-evaluation and followup, and those in need of interim extended nursing and medical services as a part of the total hospitalization. The facility will provide the Institute the opportunity to extend and expand its present programs so that an additional 200 people per year may be served on an



*A NEW BREATH OF LIFE -  
as a technician inserts aerosol  
medication in nebulizer vial of  
inhalation therapy machine.*



inpatient basis and 250 on an outpatient and day care basis.

The new Annex will also afford a group of quadriplegic young people, who are former patients of TIRR, the initial opportunity to develop management experience of a cooperative self-support residence. They will also be responsible for planning and defining the operating requirements of multi-residence apartment units for both elderly people and the physically handicapped, like themselves, who are of college or working age.

The full-time staff at TIRR, headed by Dr. William A. Spencer, totals 400 doctors, nurses, other allied health professionals and supporting personnel. The Institute is closely affiliated with the Baylor College of Medicine. Extensive research is conducted in the prevention and control of disability and on ways to restore bodily function and achieve life adjustment. Nearly 900 physicians and medical students participate annually in this combined care, research and training program. A total of 4,300 allied health professionals and physicians were trained in 1970 alone.



The TIRR/Baylor College of Medicine joint program is making an invaluable contribution to the service afforded by the Institute. Baylor's participation is underwritten by a special grant from the Social and Rehabilitation Service of the U. S. Department of Health, Education and Welfare for a regional Research and Training Center in Rehabilitation Medicine. The Institute's financing is entirely separate and must be derived from patient fees (66%), federal and state grants (22%), and foundation, industry, and private contributions (12%). The Institute's annual budget for services to all in need, for research and educational activities in the early 1970's was approximately \$3,500,000. Since its founding, the Institute has served a total of 8,242 inpatients and outpatients.



To help in evaluating the Texas Institute for Rehabilitation and Research, one should review four areas of activity – administration, operations, rehabilitation and research.

## ADMINISTRATION

TIRR is governed by the basic philosophy centered on the “quality of life”—making man productive, while preserving his dignity and usefulness in spite of physical handicap. Under the direction of Dr. William A. Spencer, the Institute operates toward three goals:

- I. **Service Goal**—makes provision for comprehensive rehabilitation to a maximum number of persons through efficient usage of available resources. The staff strives to provide a multi-disciplinary program to assist the disabled patient in adjusting to life—physiologically, psychologically and socially. Earlier care costs less and achieves more beneficial outcomes.
- II. **Research Goal**—finds the staff of the Institute striving to understand the causes and the mechanisms of disability which destroy the health of the individual, his capacity to function and to adapt and cope with daily life—physically, emotionally and economically. Extensive and ongoing research is conducted on methods to improve the effectiveness and efficiency of all Institute services.



- III. **Educational Goal**—The Texas Institute for Rehabilitation and Research, under the Baylor College of Medicine program and with Baylor or Institutional research grant support, strives to develop new rehabilitation teaching techniques for physicians, medical students, and allied health professionals. The results are then, in turn, implemented for the benefit of as many disabled individuals as possible.





The Institute is structured into four primary areas of operation: Care, Research, Teaching and Supportive Services. TIRR is run like a business should be run. Operational expenses per square foot are the lowest of any institution in the Texas Medical Center. Free care ranks well above all Houston area medical facilities, other than those sponsored by the tax supported charity hospitals.

### OPERATIONS

Twenty-three individual departments and programs stand ready to assist in patient care. For inpatient care, they include specialized centers for patients with spinal cord injuries and chronic respiratory conditions, nursing, physical therapy, occupational therapy, medical social service, orthotics, surgery, clinical labs, radiology, pharmacy, inhalation therapy, vocational services, psychological services and educational programs. Ongoing clinical programs are offered in the specialty areas of neuromuscular disabilities, scoliosis, spina bifida, stroke, cardiac rehabilitation, arthritis, and for the amputee. On an average, each patient is served by no less than six employees.

The Institute utilizes advanced electronic data processing (EDP) for the daily 24-hour programming and scheduling of each patient's care according to individualized objectives and needs. Daily medical conferences and EDP scheduling insures a highly satisfactory form of quality control over individual patient care and utilization of services which benefit the patient.

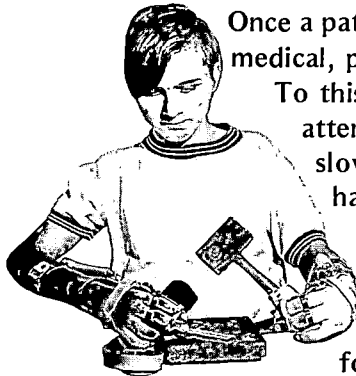
Two hundred volunteers contribute their time and energy assisting the Institute's permanent staff.

### REHABILITATION

In the rehabilitation of a patient, the totality of man is viewed as the problem. A team consisting of a doctor, nurse, highly trained attendants, medical social worker, occupational and physical therapists cares for the patient.



Until visiting the Institute, I had never thought of the miracle connected with a man touching his nose once he had lost use of both arms, or the fine tuning required to re-educate and strengthen muscles which cannot be volitionally moved because of nervous system disease and injury. The Rehabilitation teams face these challenges daily in support of the Institute's motto: "In our society every disabled person deserves the chance to live as a man."

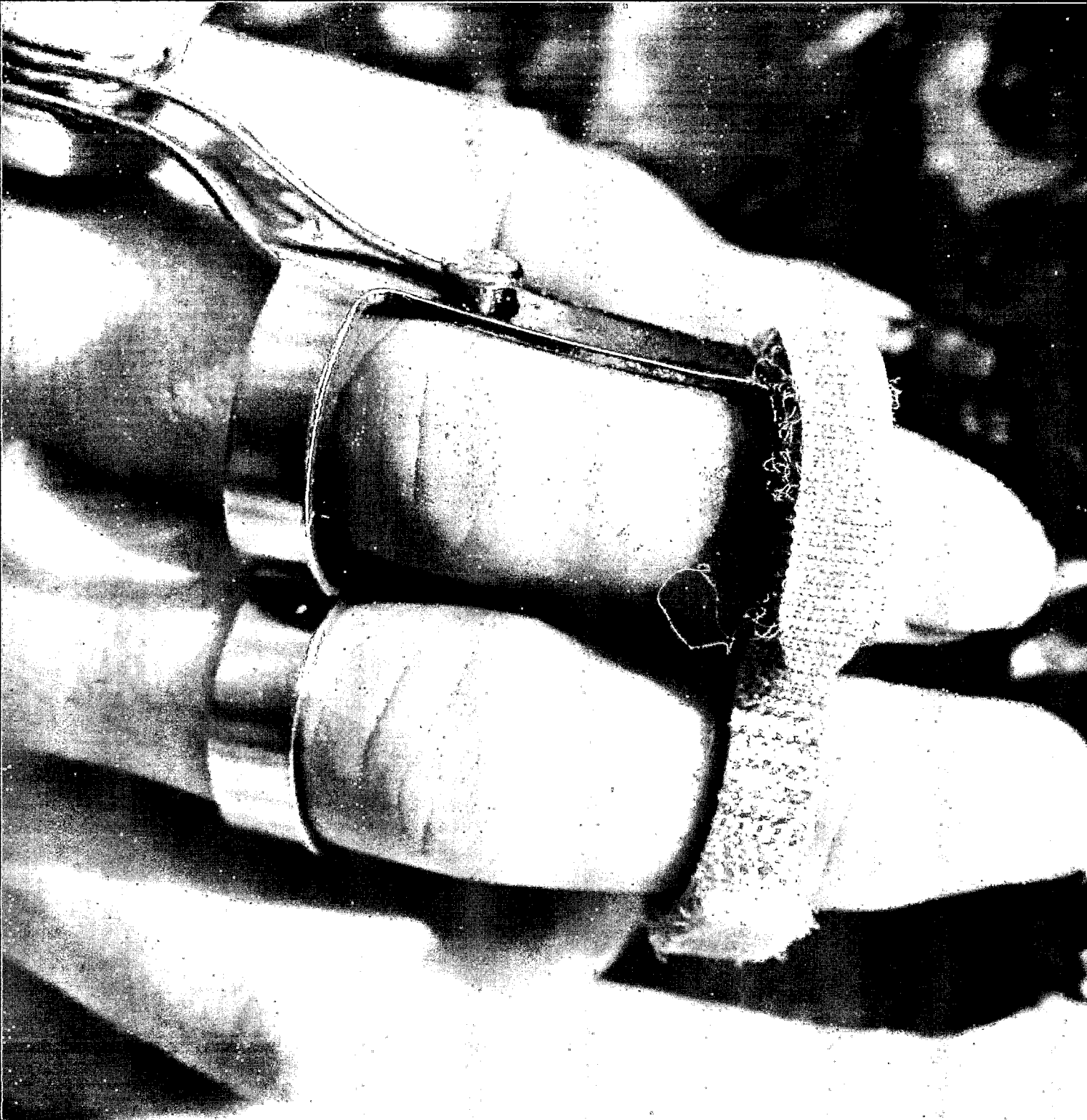


Once a patient is admitted, upon physician referral, the medical, physical, and psychological rebuilding program begins. To this end, a patient is afforded highly personalized attention. It has been found that rehabilitation is a slow process, but the results in any number of cases have been exceptional.

A few examples of the work done by the Institute might prove beneficial:

- A young teenager riding in the backseat of a foreign sportscar was involved in a head-on collision in March of 1969. She fractured her spine and laid unconscious for nearly two weeks before being admitted to the Institute, with very little hope for survival. In August, 1969, she walked out of the Institute wearing specially designed braces and crutches. By early 1970, she needed only the support of a cane. One year and four months after the accident she was functionally independent, riding horseback, and continuing her college education.
- A twelve year old boy, just two weeks before Christmas, was accidentally shot by a neighbor while playing with a new gun. The bullet hit the boy's liver, spleen, one vertebra, destroyed one kidney and damaged the other. After many months in a hospital recuperating from two operations, with very little hope for survival, he was admitted to TIRR. Through combined efforts of the Institute's team and the boy's parents, the boy survived and, though in a wheelchair, has gained back most of his original weight, is attending school and following the routine of an almost normal life.

*BUILDING SOMETHING, ANYTHING -  
with the aid of hands powered by artificial  
muscles in a well rounded occupational  
therapy program.*



■ A young gymnast, captain of her high school team, slipped while doing a handstand and fell, breaking her neck and becoming paralyzed. After months of rehabilitation efforts (physical and occupational therapy), she has learned to write again, breathe normally, and graduated with her high school class, as her classmates insisted she move her wheelchair to the stage for diploma presentations. She is now attending college.

The doctors, nurses, and patients have told me that rehabilitation is slow. But when I see and hear of some of the apparent miracles that have been accomplished—rebuilding a practically useless body in less than four months to a point where a person can function on his own with supportive equipment and some personal care—I am truly impressed.

The facilities and equipment are, for the most part, modern. New items are needed and added when monies become available. From a very practical point, I found it cost less to rehabilitate a person than to leave him for life in a nursing home. A recent study of 1,000 patients provided comprehensive services at the Institute, showed that the average cost for the initial complete program was \$4,376 (excluding physicians' services, which were donated).



Individual care costs vary with the severity of the condition, e.g., cost of comprehensive rehabilitation of the spinal cord injured averages \$9,500 with another \$1,200 for equipment. If these patients had been relegated to custodial care in a nursing home for the average life expectancy (25 years) of a spinal cord injured person, it would have cost someone (probably the taxpayer) at least \$5,000 a year or a total of \$125,000, not counting innumerable hospital admissions for acute complications.

In simple terms, the finished product of the Institute revolves around a human being and the ability to preserve as many options as possible for his or her future life. In 1970 more than twenty patients of the

*RESEARCH requires time, money and dedicated professionals to discover new, more effective approaches to combating disability and hastening the rehabilitation process.*



300

400

500

600

700

800

900

Institute attended college in wheelchairs. Hundreds of others have been returned to productive life, to being a taxpayer and to realizing the dignity of man.

And absolutely to my amazement, I tested the Institute's special driver training equipment upon which one hundred patients—some with little use of their arms or legs—have learned to drive and pass their State tests during the past twenty-four months.

The driver training program is a facet of a well-planned, thoroughly integrated Vocational Unit dedicated to providing the atmosphere and training required to make a client (patient) capable of employment, and then to help him find a job. There are seven primary programs and activities in the Vocational Unit—comprehensive

vocational evaluation, work adjustment training, selective placement and follow-up, client self-support programs, computer programmer training, driver training program and work evaluation research. The success of the Vocational Unit is a man or woman utilizing a different set of skills to successfully gain employment, earn an income and resume a contributing role in society. More than 40% of the most severely handicapped adults imaginable have been able to achieve competitive employment.



Rehabilitation is more than just the goal for the patient. It involves the entire family—and society. As an integral element of the rehabilitation program, the Institute initiated in January, 1968, an extensive educational program directed toward members of the injured patient's family. This program has done much to reduce the anxieties of both family and patient when the family unit is brought together again in a home atmosphere.



# DRIVER EDUCATION

FOR

## RESEARCH

The scientific and medical world has for many years looked to the Institute and its personnel for major technical breakthroughs. One of the most significant developments in the area of spinal surgery can be credited to Dr. Paul R. Harrington, who has successfully perfected internationally acclaimed spinal instrumentation and fusion techniques for curvature of the spine (scoliosis). It is amazing to view photographs showing first a person humped over with a badly twisted spine and then to see the same person standing erect following Dr. Harrington's surgery in which his technique and instrumentation was employed. Additional laboratory tests are currently underway to further perfect advanced instrumentation in this area.

Dr. Spencer and Danish-born Mr. Thorkild J. Engen have recorded exciting advances in the development of externally powered upper extremity prostheses.



These devices are, in fact, mechanical carbon dioxide powered artificial muscles to power paralyzed arms. Their utilization has allowed over 100 quadriplegic (totally paralyzed) and other patients to achieve considerable functional independence.

Mr. Engen is presently attacking the problem of weakened lower extremities. His efforts should eliminate the need for heavy leather or metal riggings for paralyzed or weakened legs by the use of modern plastics and ingenious fabrication techniques. By virtue of a Social and Rehabilitation Service Research Grant, his accomplishments at building a lightweight limb that functions like the skeletal and ligamentous elements of a human limb, a normal walking gait is possible for a person with a drop foot after a stroke.

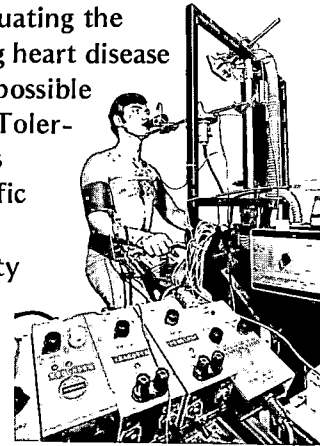
Scientific investigation into the care and rehabilitation of the stroke patient continues. Current research is being conducted into the feasibility of an elec-



trical stimulation device designed to activate nerves and allow a stroke patient to walk and move more normally. A small cigarette case size electronic device is carried in his pocket.

Early in our nation's effort to place man in orbit, the Institute conducted extensive human immobility tests for NASA. The research team was headed by Dr. Carlos Vallbona (now Chairman of Baylor's Department of Community Medicine) and Dr. David Cardus, cardiologist and physiologist.

Today, Dr. Cardus has turned his attention to evaluating the capacity for physical work of those persons having heart disease so that they may re-enter an active life as soon as possible after a coronary occlusion. In TIRR's new Work Tolerance Evaluation Laboratory, the cardiac patient is placed under controlled exercise. Through scientific testing, using an on-line computer and specialized instrumentation and evaluation, the patient's ability for work is established and an individual activity schedule developed, reducing both the physical and mental anxieties of post-cardiac recovery. Future research in this area calls for a carefully controlled exercise program involving physical therapists for the rehabilitation of people with coronary heart disease.



Many of the extensive research activities are supported by a large rehabilitation-engineering program which provides new instruments and blends engineering technology with medical research. In nearly every field of rehabilitation, including the physical, psychological, social, and vocational, new techniques are being tested for the person with spinal cord injury, stroke, amputation, spine deformities, and the child with cystic fibrosis, muscular dystrophy, and birth defects.

I have heard for such a long time that results from research take time, money, and dedication. The dedicated men and women at TIRR need only



time and money before making yet more significant contributions to this multifaceted field.

## FUTURE

Dr. Spencer daily faces the problem of the future of the Institute. In many ways the future will be decided by the financial support forthcoming. I sense that they are trying to define an optimal operational size that will meet the demand, while allowing the best utilization of source manpower.



Plans call for:

- Doubling the bed capacity and adding research and education space in the medical center unit within the next three to four years from 63 beds at present to approximately 100. If done, this will require a major capital investment in expanded facilities. The recently acquired Annex is envisioned as the medical hub of a major residential facility for handicapped young people of working and college age, and elderly handicapped persons, capable of independent living.

This will require financing principally for land acquisition.

- A major commitment to research. This appears mandatory both by the professional nature of the Institute's personnel and the realization that techniques and treatment can be perfected. It is only through research applied to the problems and needs of handicapped people that the benefits of science and technology can improve their outcome.
- Optimum use of resources. The Institute has achieved better results each year in its time requirements for patient care. Improved techniques are working toward the reduction in time spent by a patient in the Institute and reduced cost to sponsors, and to allow more people to be helped. Current programs under study should still show more improvement in this area.



Major developments planned or anticipated through 1976:

- Development of "care centers" similar to those already established to provide programs for those having other impairments such as the multi-handcapped child, the hemiplegic stroke patient, scoliotic child, and other problem groups, especially the multiple amputee.
- A coordinated multi-institutional stroke program is expected to be in operation in the next year to afford higher quality services and better access to the stroke patient.
- Expansion of vocational services to provide automated vocational performance testing and preliminary work to achieve job matching of physically or educationally handicapped people, as well as, better training and placement services.
- Expand the usage of the computer based hospital information system into evaluation of the care process to improve its efficiency of delivery and effectiveness and the definition of requirements for transfer to other institutions.

## CONCLUSION

If one takes pride in a well researched and manufactured product, favorably praises a well managed and staffed organization with high morale, supports those projects that reflect well on the community in which one works and lives; and above all, if one truly believes in the dignity of man and the economic system that encourages the individual to earn his own way as a substitute for welfare dependence, then philosophically, morally, and practically one must be in agreement with the work being done by TIRR. . . and should consider the extent of its support in this light.

#### BOARD OF TRUSTEES

**Charles R. Rathbun,**  
President

**Mrs. S. M. McAshan,**  
Vice President

**William A. Spencer, M. D.,**  
Vice President

**Chester M. Fulton,**  
Secretary

**Charles C. Beall, Jr.,**  
Treasurer

**Harry I. Battelstein**

**R. P. Bushman, Jr.**

**Richard Colt**

**Peder Monsen**

**Henry J. N. Taub**

**James M. Walsh**

#### EXECUTIVE STAFF

**William A. Spencer, M. D.,**  
Director

**R. E. Carter, M. D.,**  
Director of Patient Care

**C. G. Breckenridge, M. D.,**  
Director of Education

**M. J. Fuhrer, Ph. D.,**  
Director of Research

**J. M. Lias,**  
Assistant Director for  
Administrative Affairs

**N. C. Hott,**  
Business Manager

Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue Texas Medical Center Houston, Texas 77025



Dedicated to the Quality of Life

## Prometheus Unbound

Symbolic of the goal of the Texas Institute for Rehabilitation and Research – that every man, regardless of his disability, deserves the chance to live as a man and to enjoy the quality of life.



TIRR Benefit  
Wednesday, November 8, 1972

Texas Institute for Rehabilitation and  
Research  
Featuring:  
Tony Bennett  
Bill Cosby  
The Goldiggers  
Music by Ed Gerlach and his  
Orchestra  
Sets by Robert Howery Studios of  
Houston

The Board of Trustees and Executive  
Staff of TIRR express their appreciation  
to the many individuals and organiza-  
tions who have worked so diligently to  
make the TIRR Benefit possible.

#### Co-Chairmen, Ticket Sales Committee

Mrs. Curtiss Brown  
Mrs. Franklin Fisher  
Mrs. Aron Gordon

#### TIRR Board of Trustees

Charles R. Rathbun, president  
Mrs. S. M. McAshan, vice president  
William A. Spencer, M.D., vice president  
Chester M. Fulton, secretary  
Charles C. Beall, Jr., treasurer  
Harry I. Battelstein  
R. P. Bushman, Jr.  
Richard Colt  
Peder Monsen  
Henry J. Taub  
James M. Walsh



Tonight, a great entertainment event for your enjoyment. The TIRR Benefit is also an important fund-raising effort on behalf of a unique medical facility, world-renowned for its pioneering efforts in the areas of research and rehabilitation. The Institute had its beginning in 1959 in a small meeting of well-known Houstonians. Houston financier-philanthropist Ben Taub, the late Lamar Fleming, Dr. Michael

DeBakey and Dr. William A. Spencer met to discuss the idea of establishing a rehabilitation and research facility in the Texas Medical Center. Within six weeks, architectural sketches were prepared and construction began soon thereafter. Funds for the Texas Institute for Rehabilitation and Research came from private foundations and a federal grant.

From that small beginning, TIRR has grown to become one of the nation's largest research and training centers for rehabilitation medicine. Extensive research into the prevention and control of disability and ways to restore bodily function and life adjustment is conducted at the Institute. There has been no restriction of eligibility due to income level, place of residence, age, race or source of sponsorship. The only limitations have been the extent of donations and the capacity of the resources.

Its concept is to be a voluntary, non-profit, regional health facility to assist the disabled. Its purpose is to provide care for people of all ages, so affected by disease or injury that their survival is threatened or who have lost the ability to take care of themselves.

The Institute serves those who can benefit from early comprehensive care and rehabilitation required to restore them to a healthier physical and psychological condition with the ability to be productive and care for themselves as independently as possible.

The doctors and nurses at TIRR do not debate the questions of life and death but rather the QUALITY of life of their patients. The patients are not handicapped people — even though they may use a battery-powered respirator for breathing, ride in a wheelchair or spend many hours each day in specialized therapy. They are individuals who are in the process of rebuilding lives that have been interrupted by a physical impairment.

The full-time staff of 400 at TIRR, headed by Dr. William A. Spencer, includes doctors, nurses, other allied health professionals and supporting personnel. The Institute is closely affil-

iated with the Baylor College of Medicine. Nearly 900 physicians and medical students participate annually in the combined care, research and training programs.

The Institute serves patients suffering from:

- Extensive paralysis
- Multiple handicapping conditions
- Breathing impairments

Compared to other Texas Medical Center facilities, the Institute is housed in a small building — 84,000 square feet. It has 59 beds for inpatient clinic. More than 575 inpatients, 1,500 outpatients and day care patients are cared for each year.

Late in 1970, TIRR acquired an additional 40-bed facility near the downtown area having a basic design compatible with wheelchair level mobility. It is ideally suited to the paralyzed patient, those in need of re-evaluation and follow-up and those in need of interim extended nursing and

medical services. The new facility provides the Institute the opportunity to extend and expand its present programs so that an additional 200 people per year may be served on an inpatient basis and 250 on an outpatient and day care basis.

Major developments planned or anticipated through 1976 include:

- Development of additional "care centers" to provide programs for those having particular impairments — the multi-handicapped child, the hemiplegic stroke patient, the scoliotic child, and other problem groups, especially the multiple amputee.
- A coordinated multi-institutional stroke program is expected to be in operation in the next year to afford more specialized services and better access for the stroke patient.
- Expansion of vocational services to provide automated vocational performance testing and preliminary work to achieve job matching for physically or educationally handicapped people, as well as, increased training and placement services.



- Expansion of the usage of the computer-based hospital information system into evaluation of the care process, thereby improving its efficiency of delivery and effectiveness and the definition of requirements for transfer to other institutions.

These goals will be accomplished through the continuing efforts of the TIRR staff and the continued financial support from the community.



## Tony Bennett

Even if you have never been to San Francisco, you probably feel you've been there largely due to one man's

song. Tony Bennett's "I Left My Heart In San Francisco" is just one of this superstar's many hits. Bennett's career got off the ground in 1950 when his first hit record "Rags to Riches" was released.

During childhood, Tony began singing at church functions, school plays and operettas. After displaying an unusual talent for painting, he enrolled in New York City's High School of Industrial Arts, commuting each weekend to nearby Paterson, New Jersey, to sing in local restaurants for \$10 a week.

Following three years of service in World War II, Bennett made the decision that singing — not painting — was to be his career. Then, in 1950 it happened. Bennett was singing at the Greenwich Village Inn, in a show starring Pearl Bailey. She heard Bennett and told the Inn's manager to "Keep that boy on. I like the way he sings."

Bob Hope, attending one of Miss Bailey's shows, discovered Bennett and signed him on to tour with the Bob Hope Show. Mitch Miller heard Bennett's demonstration record of "Boulevard of Broken Dreams" and his recording career took off.

Hit followed hit. Because of You, Cold, Cold Heart and "Rags to Riches" catapulted Bennett to stardom.

## The Golddiggers

As versatile and talented as they are beautiful, the Golddiggers have recreated a unique form of entertainment. As an eight-girl song and dance troupe, they started their rise to stardom on the "Dean Martin Show." One of the show's main attractions, the Golddiggers' popularity increased phenomenally. They are currently stars of their own syndicated weekly series.



## Bill Cosby

It's only coincidence that "Comedy" and "Cosby" both begin with the same letter. Bill Cosby, whose hilarious ventures into reminiscence have convulsed millions of people for years, revealed his unique gift for laughter at an early age.

In the simplest manner possible, he has become the spokesman of many people all over America. He's the street level philosopher who gives the twist of the ridiculous to everyday faults, foibles and successes, and makes them a recognizable slice of happy unhappy life. His appeal, however, is not restricted to any specific group, as his Chaplinesque qualities have endeared him to people in all walks of life.

The versatile Cosby made the transition from standup comic to actor in the NBC-TV series, "I Spy" and powerful dramatic role in the film, "Man and Boy." He has since teamed with his "I Spy" partner, Robert Culp, for their first motion picture together, "Hickey and Boggs". He recently left NBC to sign with CBS for a new weekly comedy variety show and will star in a number of films for that network in the "CBS Friday Night Movies".



He has also signed to star in "The Electric Company", newest experiment in educational television from the Children's Television Workshop, creators of "Sesame Street". He has also filmed two half-hour shows for educational TV networks, "Concern" which deals with his concern for school children, and "Prejudice" in which he does an irreverent spoof of the hangups of prejudice. Both shows were written, directed and produced by the star.

Cosby, who has moved with his family to Massachusetts, is continuing studies toward his doctoral degree in education at the University of Massachusetts.



If ever it could be said that one man embodies the spirit and determination of an institution, that man is Dr. William A. Spencer, TIRR Director and Chairman of the Department of Rehabilitation of the Baylor College of Medicine.

Named "Physician of the Year" in 1965 by the President's Committee on Employment of the Handicapped, Dr. Spencer was one of the founding fathers of TIRR in 1959.

Dr. Spencer's philosophy centers around the premise that many of the patients can spend the rest of their lives incapacitated in a wheelchair or nursing home or they can return to a productive life with dignity, usefulness and economic freedom despite a physical handicap.

A Phi Beta Kappa graduate of Johns Hopkins Medical School, Dr. Spencer was elected one of the Ten Outstanding Young Men in the United States in 1954 in recognition of his work in the field of poliomyelitis.





## TIRR Volunteers

More than 200 active, associate and life TIRR Auxiliary Members donate their time and energy to the volunteer

programs at the Institute. Under the direction of Mrs. Nita Weil, Director of Volunteers, activities of the Auxiliary Members fall under three areas of service:

- Service to Patients and Staff
- Fund Raising
- Public Relations

Their responsibilities include feeding the patients, personal shopping, making beds, reading to patients, assisting staff in clinics and the pharmacy, helping with the recreation program, providing clothing for the clothes bank, operating the beauty shop program and many other activities which prove invaluable to the Staff.

Their fund raising activities include the day-to-day operation of the Korner Store, the Short Stop, the Coffee Cart and conducting periodic bake sales, raffles and flea markets. All proceeds from these activities go to the opera-

tional fund of TIRR.

Public relations activities include production of the quarterly Volun-TIRR newsletter distributed to TIRR volunteers and donors, audio-visual presentations to clubs and organizations and preparation of public service copy for radio and television stations.

We also wish to express our appreciation to the following individuals and organizations including those whom we were unable to acknowledge here.

### SPONSORS

Mr. & Mrs. Leland Anderson  
Automated Business Forms  
Isaac Arnold  
John A. Beck  
Brawner Paper Co.  
Borden Dairy & Services  
Mr. & Mrs. Cecil N. Cook  
Mr. & Mrs. Ben A. Calhoun  
Leilabeth Crispin  
H. Merlyn Christie  
Caniff Engraving Co.  
Coca Cola Bottling Co.  
Dunham & Hunter, Inc.  
Mrs. M. M. Feld  
Mr. & Mrs. Hebert J. Frensley  
V. W. Frost  
Fulbright, Crooker, Jaworski  
Houston Disposal Service  
Mr. & Mrs. L. G. Hubele  
Murrell Johnston  
John Jamail Properties  
The Nathan J. Klein Fund  
Louis Kaplan  
Mrs. Henry S. Meyer  
M & M Ambulance Co.  
Elizabeth Alexander Price  
Mr. & Mrs. C. W. Pierson  
Rice Hotel Laundry  
SAM Office Furniture  
Sterling Electronics  
Stanley Supply Co.  
Schuler & Wohlt  
L. L. D. Tuttle, M.D.  
Jay Traylor  
Tel - Tex  
Mr. & Mrs. David Winterman  
Waldman & Co. Interiors  
Wilson Fire Equipment  
Wilson Stationery

### GOLD PATRONS

K. S. "Bud" Adams  
Stanford Alexander  
Reuben Askanase  
Mrs. I. Alexander  
Maurice Aresty  
Harry Battelstein  
A. R. Busse & Associates  
Mr. I. S. Brochstein  
Mrs. W. L. (Jane) Barfield  
R. P. Bushman  
Lloyd Bentsen III  
Jim Brock  
Battelstein's, Inc.  
Mr. & Mrs. Thomas Blake  
Paul Boesch  
Norman Bock  
Mr. & Mrs. Ralph Balasco  
Charles Barker  
Abe Battelstein  
Mrs. J. Curtiss Brown  
O. Dean Couch, Jr.  
Richard Colt  
W. S. Cochran III  
Joe Cassady  
Elaine Cargill  
Louis Deutser  
Renee Danziger  
Leon Davis  
Mylie Durham, Jr.  
Michael DeBakey  
E. C. Dorrah  
John Dunn  
Mr. & Mrs. J. M. Edward  
Mrs. Fletcher Emerson  
Mrs. Franklin C. Fisher, Jr.  
W. S. Farish III  
J. R. Frankel

Chester Fulton  
Wm. H. Lane  
Tom Leervig  
Frank Mancuso  
Frank Mann  
Peder Monsen  
Mrs. Carroll Masterson  
John J. Moran  
Joe Moss  
Mrs. John Martin  
Bob Mathis  
Richard Mace  
Mr. & Mrs. Whitfield Marshall  
I. L. Miller  
Ray Miller  
Mrs. S. M. McAshan  
Dr. Alice McPherson  
Larry McKaskle  
James McConn  
James McRae  
Jim McDonald  
Ed Noret  
Gus Nelson  
Jim Olivarri  
Ms. Dee Osborne  
E. Weber Ogden  
Linda Pickel  
David Pasternack  
Louis Pearce, Jr.  
Billie Perlman  
S. W. Pearson  
Mrs. Edward Rotan  
Ben Rogers  
Chas. Rathbun  
Don Rossi  
Ranger Insurance  
Judson Robinson, Jr.  
David Read  
Virginia Ribb  
Homer Ford  
Ed Farrell  
Mr. & Mrs. Aron S. Gordon  
H. B. Gordon  
Larry Groce  
John Gehbauer

Mrs. Bobbie Goggan  
Morris Glesby  
Ed Gerlach  
Barry Galloway  
Dick Gottlieb  
Johnny Goyen  
Mrs. Pat Haggerton  
Wm. E. Holke  
Dick Hulbert  
Houston Host Hotel  
Frank Horlock  
Ms. Norma Howard  
Leon Jaworski  
John Jamail  
J. Johnson, Jr.  
Dick John  
Bernard Johnson  
Mrs. Gaylord Johnson  
Irvin Kaplan  
Leo Kern  
Carmen Knebel  
Mrs. Jake Kamin  
Miss Natalie Loehr  
Nancy Landau  
J. Edward Lloret  
Jim Lias  
Bubby Levy  
J. Hugh Liedtke  
H. L. Lively  
James E. Lyon  
Jerry Lamberbeck  
Hermon Lloyd  
George W. Strake, Jr.  
S. J. Shelby  
Jon Schumway  
Carl B. Sherman  
Dr. William Spencer  
Joycelene Sawyer  
J. Swann  
Texas Commerce Bank  
David J. Turrell  
Robt. F. Tyler  
David M. Underwood  
M. R. Underwood  
Randy Villasana

W. H. Vaughan, Jr.  
Dr. Shalom Vineburg  
Mrs. Willard Walbridge  
Jim Walker  
Bernard Wolf  
Wallace S. Wilson  
Nita Weill  
Mr. Dale Wrenick  
Frank Waters  
R. W. Wood, Jr.  
Jack Wells  
Joe Weiser  
Louie Welch

### Public Service Directors of:

KHOU - TV  
KHTV - TV  
KPRC - TV  
KTRH - TV  
KURL - TV

KCOH - AM  
KENR - AM  
KIKK - AM  
KILE - AM  
KILT - AM  
KNUZ - AM  
KODA - AM  
KPRC - AM  
KTRH - AM  
KULF - AM  
KXYZ - AM  
KYOK - AM  
KAUM - FM  
KLOL - FM  
KLYX - FM

The Houston Chronicle  
The Houston Post  
The Houston Tribune  
The Westside Reporter  
FUN Magazine  
The Pasadena News

# TIRR...

**this is what  
it's all about**



On behalf of the TIRR Benefit Campaign Committee, I wish to express our appreciation to those of you who have worked so diligently to make this first TIRR Benefit possible.

Proceeds from this evening's show will enable TIRR to continue their pioneering efforts and to expand their research and rehabilitation programs. Thank you again for your interest in the Institute and your efforts.

*Harry I. Battelstein*

Harry I. Battelstein  
Chairman



Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue Texas Medical Center Houston, Texas 77025

GEORGE BUSH

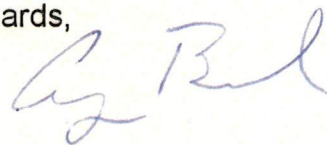
October 18, 1996

Dear Lex,

For your information, enclosed are copies of letters  
I fired off to Bengt Lindqvist, Marca Bristo, and  
Susan Parker.

I loved yesterday's luncheon. Well done, my  
friend!

Warm regards,



Mr. Lex Frieden  
Senior Vice President  
The Institute for Rehabilitation  
and Research  
1333 Moursund  
Houston, Texas 77030-3405

10000 MEMORIAL DRIVE • HOUSTON, TEXAS 77024

P.O. Box 79798  
Houston, Texas 77279-9798

---

*Gay Bush*  
Postage and Fees Paid

Mr. Lex Frieden  
Senior Vice President  
The Institute for Rehabilitation  
and Research  
1333 Moursund  
Houston, Texas 77030-3405

