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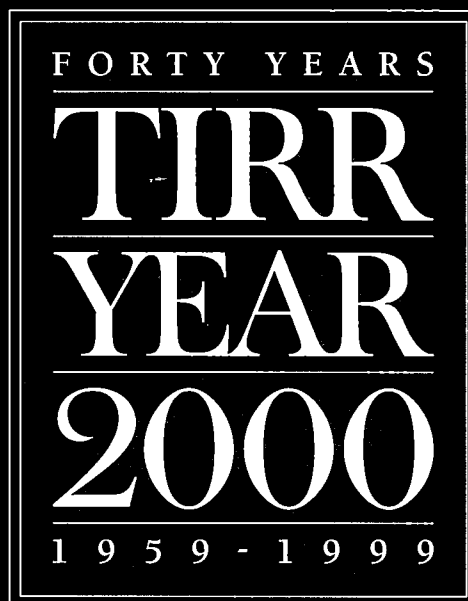
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A CALENDAR FOR 2000



SPONSORED BY MISSION CONNECT



OCTOBER 1999 ~ DECEMBER 2000

A CALENDAR FOR 2000

IS A GIFT FOR THE SPECIAL FRIENDS OF TIRR (THE INSTITUTE FOR REHABILITATION AND RESEARCH), A WAY TO SHARE THE START OF THE NEW MILLENNIUM AND TO CELEBRATE OUR 40-YEAR HISTORY. WHILE REVIEWING OUR HISTORY IN PREPARATION OF THIS CALENDAR, WE REALIZED THE IMPORTANCE OF OUR PAST AND ITS RELEVANCE TO OUR FUTURE. THIS CALENDAR GIVES US THE OPPORTUNITY TO SHARE WITH YOU THE EVOLUTION OF REHABILITATION MEDICINE, AS WELL AS THE STORY AND ACCOMPLISHMENTS OF TIRR.

MISSION CONNECT, TIRR'S COMMITMENT TO ESTABLISH A WORLD-CLASS PROJECT FOR CENTRAL NERVOUS SYSTEM RESEARCH THAT IS FOCUSED ON REVERSING THE CONSEQUENCES OF SPINAL CORD INJURY, SPONSORED THIS CALENDAR AS A SALUTE TO OUR PATIENTS AND CLINICIANS, BOTH PAST & PRESENT.

THE CALENDAR IS ONE PART OF A SERIES OF EVENTS WE ARE CALLING "TIRR YEAR 2000." YOU WILL FIND OTHER SPECIAL EVENTS AND SIGNIFICANT DATES CELEBRATING TIRR YEAR 2000 NOTED THROUGHOUT THE CALENDAR. WE HOPE THE COMING YEAR ALLOWS YOU THE OPPORTUNITY TO REFLECT ON YOUR OWN ACCOMPLISHMENTS AND LIKE US, TO EMBRACE YOUR FUTURE WITH ENTHUSIASM AND HOPE.



The History of TIRR

- 1951 The Southwestern Poliomyelitis Respiratory Center opens in an annex to the county's Jefferson Davis Hospital, the teaching hospital for Baylor College of Medicine, to care for those stricken in the polio epidemic that had swept the nation. The staff included Dr. William A. Spencer, Director; Dr. Paul Harrington, Chief of Surgical Services; Dr. Eva-Marie Pfeiffer, Assistant Director; following Dr. Pfeiffer as Assistant Director, Dr. Gunyon M. Harrison, and Thorkild Engen, C-O.
- 1957 The Texas Medical Center deeds free of cost a 5-1/2 acre tract of land to Texas Institute for Rehabilitation and Research (TIRR). TIRR assumes the function of the Southwestern Poliomyelitis Respiratory Center. TIRR is incorporated by Lamar Fleming, Jr., William A. Spencer, M.D., and Leon Jaworski. Mr. Fleming, President of Anderson Clayton and Co., and Will Clayton, Chairman of the Board of that Houston company, enlist the help of attorney John Freeman and the M.D. Anderson Foundation.
- 1959 TIRR, one of the country's first rehabilitation hospitals, opens in the Texas Medical Center, one of the first hospitals to be designated space in the medical center. As polio becomes less of a universal threat, Dr. Spencer turns his attention to the rehabilitation of patients who have known spinal cord deterioration from disease or trauma, work central to the mission of TIRR. TIRR pioneers the "interdisciplinary team" approach to rehabilitation.
- 1960 Dr. Paul E. Harrington, one of the founders and Chief of Surgery at TIRR, develops the Harrington surgical procedure for stabilization of the scoliotic spine. The Harrington Rod was recognized in *Time* magazine as breakthrough technology.
- 1960 TIRR is selected by the National Cystic Fibrosis Foundation as the site of the nation's first cystic fibrosis care, research and teaching center.
- 1962 The Spinal Cord Injury Program is established at TIRR.
- 1962 TIRR is designated a national Rehabilitation Research and Training Center (RRTC) for Rehabilitation Medicine by the Vocational Rehabilitation Administration of the U.S. Department of Health, Education and Welfare. Through TIRR's affiliation with Baylor College of Medicine, the research function of the hospital has made it possible to be an international leader in improving patient care.
- 1963 TIRR becomes an important early research setting and partner with NASA, the United States Space Program.
- 1964 Dr. Spencer is named "Physician of the Year" by President Lyndon Johnson's Commission on Employment of the Handicapped.
- 1965 Mrs. Sam W. (Grace) Levy and other dedicated supporters of TIRR establish a volunteer auxiliary, assisting Director of Volunteers and former polio patient, Nita Weil. (*Nita Weil won the 1983 and 1993 Governor's Volunteer Award for the state of Texas.*)
- 1970 An annex to TIRR is acquired through a donation by the Lorraine Priester Foundation and a Hill-Burton grant. This increases the Institute's inpatient bed capacity and makes it possible for some beds to be used for a unique residential program.
- 1970 TIRR's Spinal Cord Injury Program collaborates with the Yale University developer of the phrenic pace-maker on the surgical implant (second ever done anywhere) of this device. When implanted in a patient with quadriplegia it allows a person with no spontaneous breathing to breathe without a ventilator. (*The patient who received that second implant, Kathleen DeSilva, currently serves as TIRR's in-house attorney.*)
- 1972 TIRR's Spinal Cord Injury Program is designated a Model Spinal Injury Treatment System by the U.S. Department of Health, Education and Welfare. (The SCI Program at TIRR has been named a Model System every renewal period since the early 70s.)
- 1972 The Cooperative Living Program, which is run by participants with disabilities, and the Maximum Independent Center, for individuals who are still patients yet getting ready for community re-entry, are started. They were the nation's first residential independent living programs for people with severe physical disabilities, and took place at the TIRR annex near downtown Houston.
- 1974 TIRR begins construction of a 22,000-square-foot building addition to increase the size of the hospital by 25 percent.

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- 1976 The New Options Transitional Living Program at TIRR is launched. This was a six-week, live-in program for persons with severe disabilities who were seeking to live more independently.
- 1977 The Independent Living Research Utilization program (ILRU) is established as a national resource center providing research, training and technical assistance.
- 1978 The Texas Institute for Rehabilitation and Research (TIRR) changes its name to The Institute for Rehabilitation and Research to avoid the confusion of people who assumed it was a state agency, and to emphasize its national and international service.
- 1982 Dr. Lauro Halstead establishes the first post-polio syndrome clinic in the nation at TIRR.
- 1984 The inpatient Brain Injury Program opens at TIRR.
- 1985 The National Institute on Disability and Rehabilitation Research designates TIRR as a national Research and Training Center on Independent Living.
- 1987 The TIRR Brain Injury Program is named a Model System by the National Institute on Disability and Rehabilitation Research of the United States Department of Education.
- 1987 TIRR Systems and TIRR Foundation are incorporated.
- 1988 TIRR starts TIRR Rehabilitation Centers to offer outpatient therapies at convenient locations away from the main hospital campus.
- 1990 *U.S. News & World Report* announces its first America's Best Hospitals list. TIRR was named in this nationwide survey of physicians that first year, and has been included every year since. (In 1999, TIRR was ranked 3rd among rehabilitation hospitals in the United States.)
- 1990 The John S. Dunn Research Foundation awards TIRR a \$1 million challenge grant for completion of a new patient tower in the Texas Medical Center. The Edna B. Dunn Tower opens in 1991.
- 1990 The Challenge Program opens its facility in Southwest Houston, in keeping with TIRR's philosophy of community-based service programming. This innovative outpatient approach started at TIRR in 1988, as part of the Brain Injury Program.
- 1990 National program office on "Improving Service Systems for People with Disabilities" for the Robert Wood Johnson Foundation program is established at TIRR.
- 1990 The Engen Modular Knee Ankle Foot Orthosis is awarded the first Brian Blatchford Prize at the 6th World Congress of the International Society for Prosthetics and Orthotics.
- 1992 The Southwest Disability and Business Technical Assistance Center on the ADA, one of 10 federally designated regional technical assistance centers on the Americans with Disabilities Act (ADA) is established at TIRR.
- 1993 The University of Texas-Houston Medical School establishes a Department of Physical Medicine and Rehabilitation. TIRR affiliates with UT-Houston that same year, and continues its affiliation with Baylor College of Medicine as well.
- 1994 TIRR LifeBridge opens April 16 as a specialty medical transitional and general rehabilitation "hospital within a hospital" on the third floor of the TIRR clinic building.
- 1996 The Departments of Physical Medicine and Rehabilitation at Baylor College of Medicine and The University of Texas-Houston Medical School form the Houston PM&R Alliance, sharing resources and manpower to enhance the goals and objectives of both departments.
- 1997 TIRR Foundation board chairman Howard Wolf announces Mission Connect at an August 26 press conference held at TIRR. Mission Connect is a TIRR-led research consortium of three Houston-area medical schools, Baylor College of Medicine, The University of Texas-Houston Health Science Center Medical School and The University of Texas Medical Branch in Galveston. The goal: scientific research with the clinical focus of reversing the consequences of spinal cord injury.



William A. Spencer, M.D.

Dr. William A. Spencer, a young Army physician, left his hospital post in Fort Riley, Kansas and came to Houston in 1950 at the request of Baylor College of Medicine and the National Foundation for Infantile Paralysis to establish one of the first respiratory centers in the country for people with paralytic polio. He was in charge of Houston's Southwestern Poliomyelitis Respiratory Center, which was connected to the county's Jefferson Davis Hospital. There, Dr. Spencer formulated and put into practice a philosophy of rehabilitation that included early restorative care, prevention of complications, assisting function, and helping disabled persons to focus on their remaining abilities, not their losses.



Dr. Spencer and a young polio patient who is using one of the first portable chest respirators, the Monaghan.

26 SUNDAY	3 SUNDAY
27 MONDAY	4 MONDAY October 4-10: National Respiratory Care Week
28 TUESDAY	5 TUESDAY
29 WEDNESDAY	6 WEDNESDAY
30 THURSDAY	7 THURSDAY Rehabilitation Solutions III—TIRR Services Marketing and Managed Care Department, TIRR Career and Recovery Resources Job Fair, Multi-Service Center, Houston
1 FRIDAY October is National Physical Therapy Month and National Brain Injury Awareness Month	8 FRIDAY October 8-10: American Society of Health-System Pharmacists Leadership Conference, Dallas
2 SATURDAY	9 SATURDAY



Emergency transfers from hospitals throughout the Southwest were a daily occurrence at the Southwestern Poliomyelitis Respiratory Center during the 50s polio epidemic. As many as 10 critical patients a day were admitted in the early 50s, and the staff was understandably overwhelmed by the volume. The epidemic struck in the mid 40s and continued to strike each spring and summer for ten years, accounting for approximately 4,000 polio patients in Houston by 1957. The Houston center dealt with more than 10 percent of the nation's patients diagnosed with poliomyelitis.

October 1999

TIRR

10 SUNDAY	17 SUNDAY
11 MONDAY Columbus Day observed MDA Drive-Through Flu Shots, TIRR	18 MONDAY
12 TUESDAY	19 TUESDAY
13 WEDNESDAY	20 WEDNESDAY
14 THURSDAY	21 THURSDAY
15 FRIDAY	22 FRIDAY
16 SATURDAY	23 SATURDAY



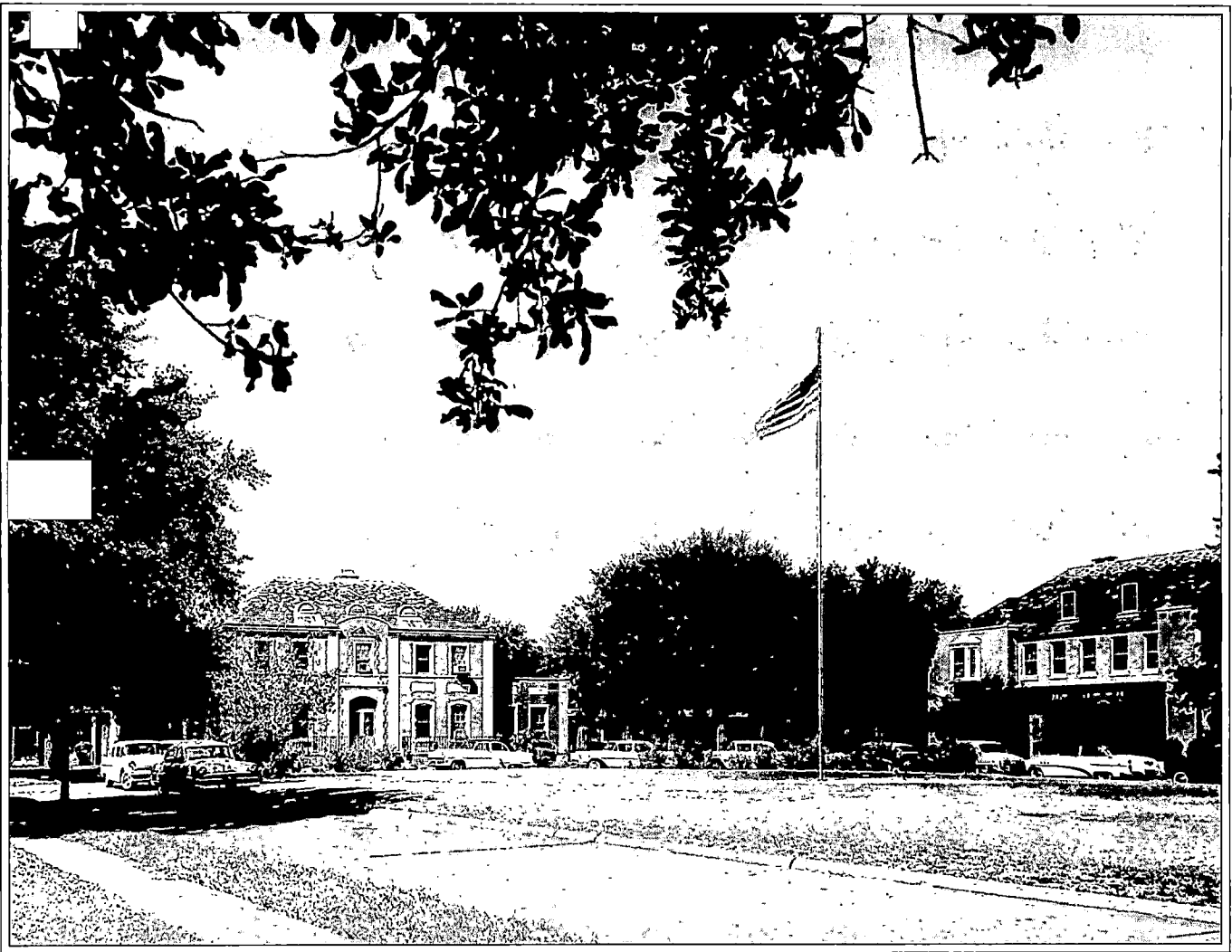
Houston civic leader and Mothers March chairman Mary Greenwood is pictured presenting a check from the National Foundation for Infantile Paralysis and the March of Dimes. This young polio patient was cared for at the Southwestern Poliomyelitis Respiratory Center with proceeds from this successful annual Mothers March door-to-door campaign. The March of Dimes provided a large part of the funds that supported the center during Houston's polio epidemic.

24 SUNDAY October 24-30: National Pharmacy Week	31 SUNDAY Daylight Saving ends Halloween
25 MONDAY	1 MONDAY
26 TUESDAY Consumer Help Day '99 Mayor's Committee for Employment of People with Disabilities	2 TUESDAY Election Day
27 WEDNESDAY	3 WEDNESDAY
28 THURSDAY	4 THURSDAY
29 FRIDAY	5 FRIDAY
30 SATURDAY	6 SATURDAY



With the frightening spread of polio in the 50s, construction of Houston's new Southwestern Poliomyelitis Respiratory Center was rushed to completion and dedicated November 26, 1951. Patients were moved from the 11th floor of the county's Jefferson Davis Hospital, the main teaching hospital for Baylor College of Medicine, to the new polio annex. The center was built thanks to the interest and help of noted Houston philanthropist Ben Taub, then chairman of the board of Jefferson Davis Hospital, and board member Mrs. Lamar Fleming. From 1951 to 1959, this multi-specialty polio center gained national recognition for its innovative rehabilitation programs.

7 SUNDAY	14 SUNDAY
8 MONDAY November 8-12: National Health Information Management Week	15 MONDAY
9 TUESDAY TIRR Rehabilitation Centers Hand Therapy Reception, Museum of Health & Medical Science	16 TUESDAY
10 WEDNESDAY	17 WEDNESDAY
11 THURSDAY Veterans Day November 11-14: National Rehabilitation Association, Annual Meeting, Minneapolis	18 THURSDAY
12 FRIDAY	19 FRIDAY
13 SATURDAY	20 SATURDAY



In 1954, the overwhelming number of polio patients made it necessary for the polio center at Jefferson Davis Hospital to expand. Houston civic leader Ben Taub again came to the rescue, convincing trustees of the Pauline Sterne Wolff Memorial Home to let the center use its facilities. The Wolff Home Rehabilitation Unit, off Montrose Blvd., served as the first rehabilitation center where polio patients transitioned back to their homes and communities. A former patient said of Wolff Home, "It was a magical place, where the patients and staff were a family. Wolff Home was the model for TIRR. It represented the best in rehabilitation, to the medical community and in the hearts of the people who were treated there."



Family-style meals at the Wolff Home Rehabilitation Unit helped maintain patients' family and social ties, an essential aspect of rehabilitation recognized by Dr. Spencer.

21 SUNDAY	28 SUNDAY
22 MONDAY	29 MONDAY
23 TUESDAY	30 TUESDAY
24 WEDNESDAY	1 WEDNESDAY
25 THURSDAY Thanksgiving Day	2 THURSDAY
26 FRIDAY	3 FRIDAY
27 SATURDAY	4 SATURDAY



On March 22, 1954 *LIFE* magazine published photographs of a "physiograph" that Drs. William A. Spencer, H.E. Hoff, and L. E. Geddes developed at Southwestern Poliomyelitis Respiratory Center to record vital functions. The story read "Nine Tests In Ten Minutes" and told that a "roomful of integrated measuring machines gives simultaneous readings on important body functions of sick people who cannot or should not be moved about much." With some modifications, these machines were an advance in teaching medical students and for research. Subsequent refinements were the prototypes of the sophisticated monitoring systems we know today.

5 SUNDAY December 5-9: American Society of Health-System Pharmacists Clinical Meeting, Orlando	12 SUNDAY
6 MONDAY	13 MONDAY
7 TUESDAY	14 TUESDAY
8 WEDNESDAY	15 WEDNESDAY
9 THURSDAY	16 THURSDAY
10 FRIDAY	17 FRIDAY
11 SATURDAY	18 SATURDAY Breakfast With Santa, Benefiting TIRR Foundation. The Doctors Club



Charlotte Bone, OT, Director of Occupational Therapy, applied a hand orthosis to the weakened hand of this polio patient at Wolff Home. She would then teach him to use the splint so he could function better on his own and perform daily tasks such as brushing his teeth and feeding himself.

19 SUNDAY	26 SUNDAY
20 MONDAY	27 MONDAY
21 TUESDAY	28 TUESDAY
22 WEDNESDAY	29 WEDNESDAY
23 THURSDAY	30 THURSDAY
24 FRIDAY	31 FRIDAY New Year's Eve
25 SATURDAY Christmas Day	1 SATURDAY New Year's Day New Millennium



When TIRR opened in the Texas Medical Center, there were still respiratory polio cases to be treated. The concept of grouping patients in special treatment units for efficient care was established at that time as a way to manage the large volume of patients. A multi-disciplinary rehabilitation team was organized utilizing professional teamwork.

2 SUNDAY	9 SUNDAY
3 MONDAY	10 MONDAY
4 TUESDAY	11 TUESDAY
5 WEDNESDAY	12 WEDNESDAY
6 THURSDAY	13 THURSDAY
7 FRIDAY	14 FRIDAY
8 SATURDAY	15 SATURDAY



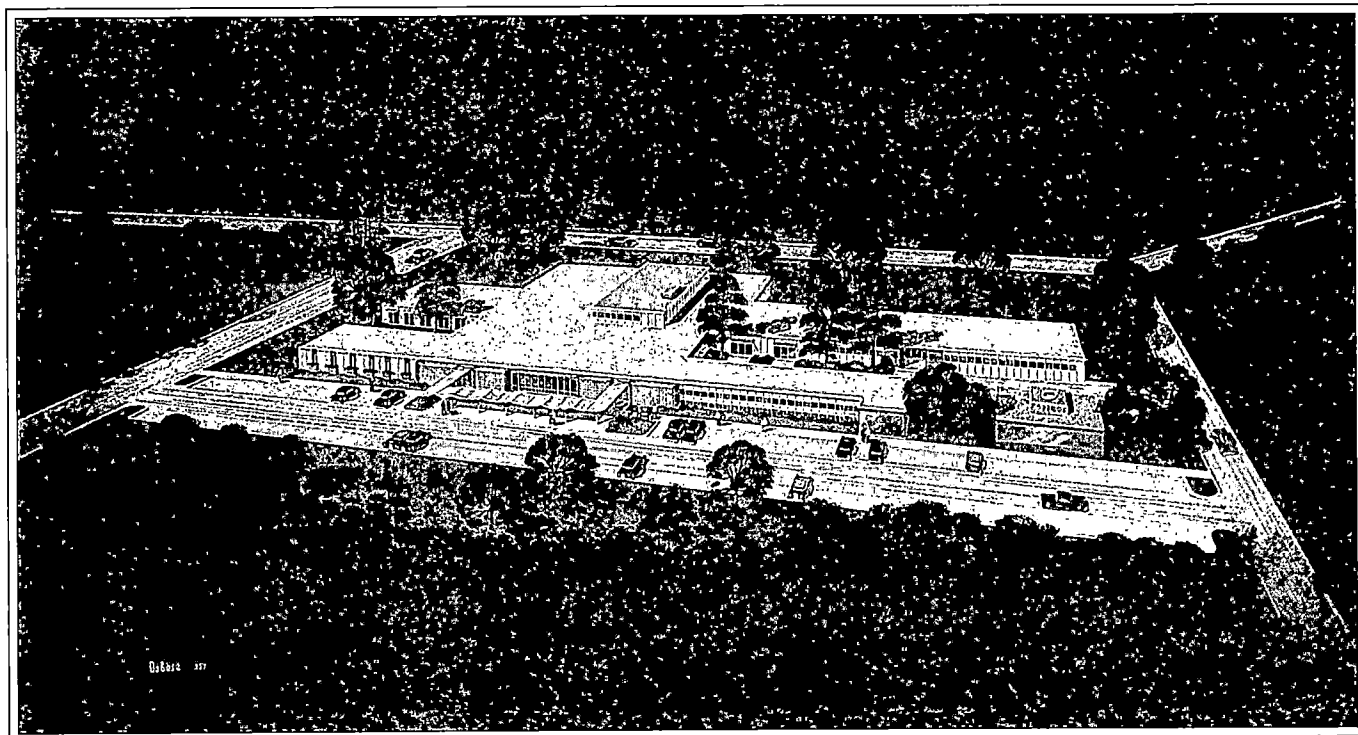
A nurse monitors the nasal catheter used to suction mucus from this acutely sick young polio patient.

16 SUNDAY	23 SUNDAY
17 MONDAY Martin Luther King, Jr. Day	24 MONDAY
18 TUESDAY	25 TUESDAY
19 WEDNESDAY	26 WEDNESDAY
20 THURSDAY Rehabilitation Solutions VIII—Outpatient Services. Marketing and Managed Care Department, TIRR	27 THURSDAY
21 FRIDAY	28 FRIDAY
22 SATURDAY	29 SATURDAY



This young polio patient uses mobile arm supports to exercise her weakened arms and shoulders. Like many conditions treated at TIRR today, polio was so disabling that it affected almost every aspect of the patient's life. To meet the patient's needs, the practice of comprehensive rehabilitation services was initiated to help the person medically, physically, socially and vocationally.

30 SUNDAY	6 SUNDAY
31 MONDAY	7 MONDAY
1 TUESDAY	8 TUESDAY
2 WEDNESDAY	9 WEDNESDAY
3 THURSDAY	10 THURSDAY
4 FRIDAY	11 FRIDAY
5 SATURDAY	12 SATURDAY Lincoln's Birthday

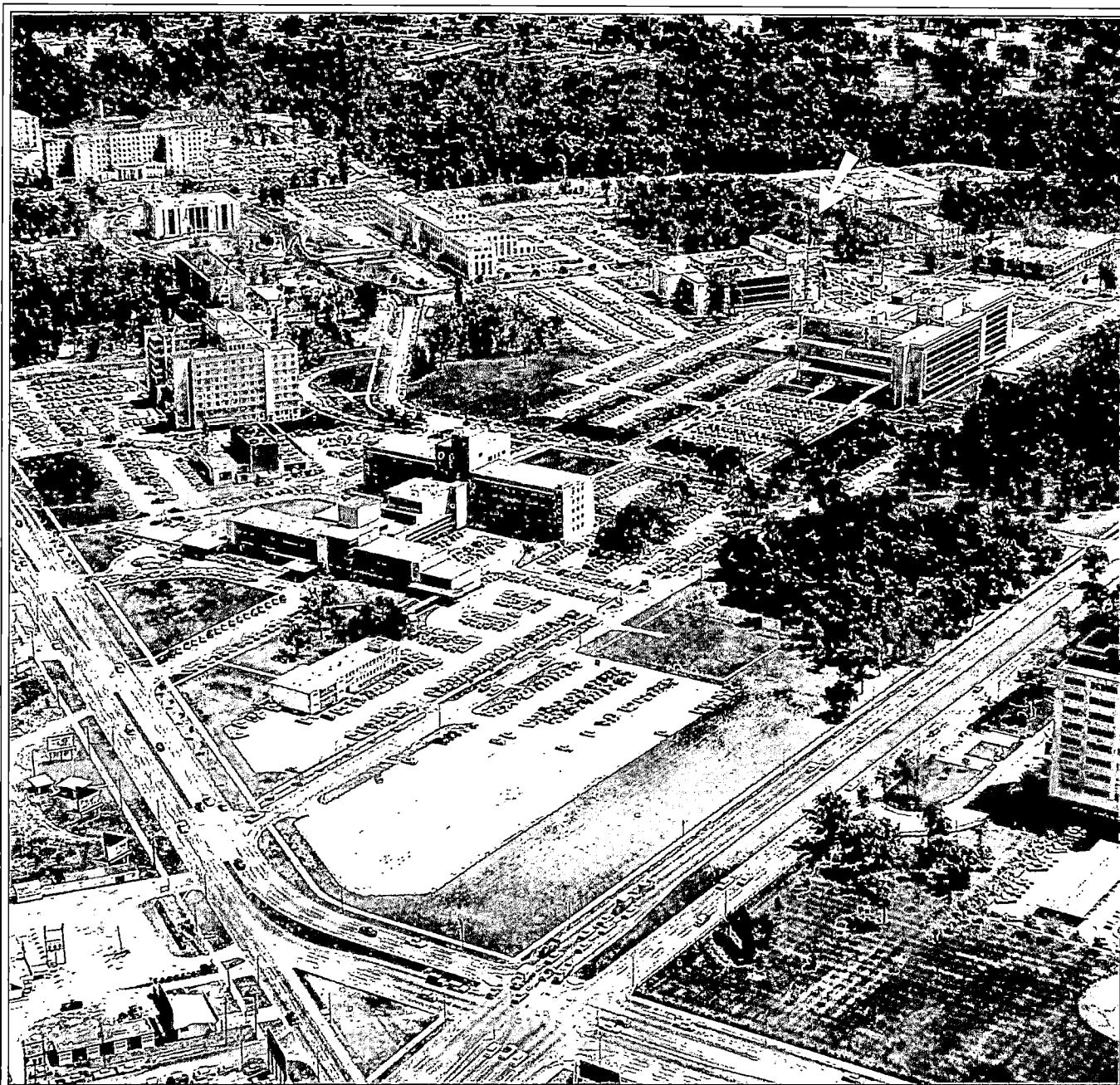


As the purpose of the National Foundation for Infantile Paralysis was achieved with the successful development of the Salk vaccine, it became apparent that the rehabilitation expertise developed by Dr. Spencer and his staff was needed by a much larger population. Those with severe handicaps resulting from many kinds of catastrophic illnesses and injuries could be helped. A 1959 gift of \$550,000 from the Cora and Webb Mading Foundation, a \$350,000 donation from Mr. and Mrs. Lamar Fleming, and a \$750,000 gift made by the M.D. Anderson Foundation made it possible to take advantage of the opportunity to locate in the new Texas Medical Center. The State Health Department allocated matching Hill-Burton hospital funds to help with construction and equipping of the unit, which was named the Texas Institute for Rehabilitation and Research.

"Dr. Spencer utilized his experience and knowledge of the problems of patients with severe disability to plan a unique institution that combined facilities for the care of patients, the conduct of sophisticated medical research, and the training of health personnel from a variety of professional disciplines."

Stanley Olson, M.D.
Dean, Baylor College of Medicine

13 SUNDAY	20 SUNDAY
14 MONDAY	21 MONDAY President's Day
15 TUESDAY	22 TUESDAY Washington's Birthday
16 WEDNESDAY Learn @ Lunch, Program for Social Workers Marketing and Managed Care Department, TIRR	23 WEDNESDAY Rehabilitation Solutions IX—Spinal Cord Injury, Amputee and Comprehensive Rehabilitation Programs Marketing and Managed Care Department, TIRR
17 THURSDAY	24 THURSDAY UofH Health Law/TIRR Lecture, Governor Richard Thornburgh. The Houstonian The George Bush Medal Luncheon. The Houstonian
18 FRIDAY	25 FRIDAY
19 SATURDAY	26 SATURDAY

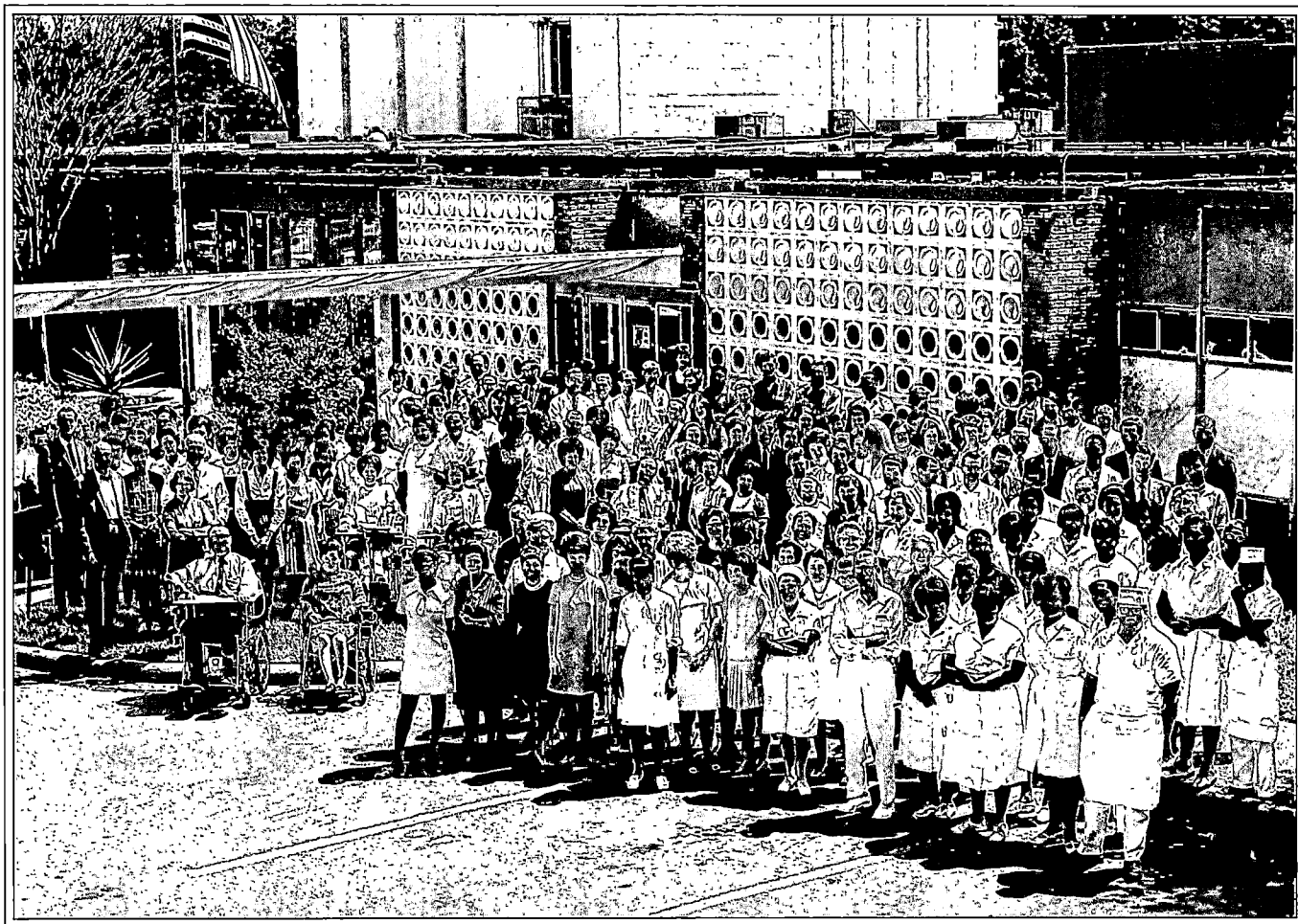


On January 28, 1959, patients were moved into the new Texas Institute for Rehabilitation and Research. This 1960 aerial of the Texas Medical Center shows (see arrow) TIRR nestled in a thick grove of trees, just east of its medical school partner, Baylor College of Medicine. The concepts and philosophies of rehabilitation developed at the polio center were extended to a broad spectrum of people with weakness or paralysis, loss of limbs, or breathing impairments, resulting from spinal cord injury, stroke, neurological diseases, amputations and congenitally handicapping conditions.

The first clinical personnel at TIRR included William A. Spencer, M.D., Paul R. Harrington, M.D., Robert R. Jackson, M.D., Gunyon M. Harrison, M.D., Carlos Vallbona, M.D., and Thorkild J. Engen, C-O.

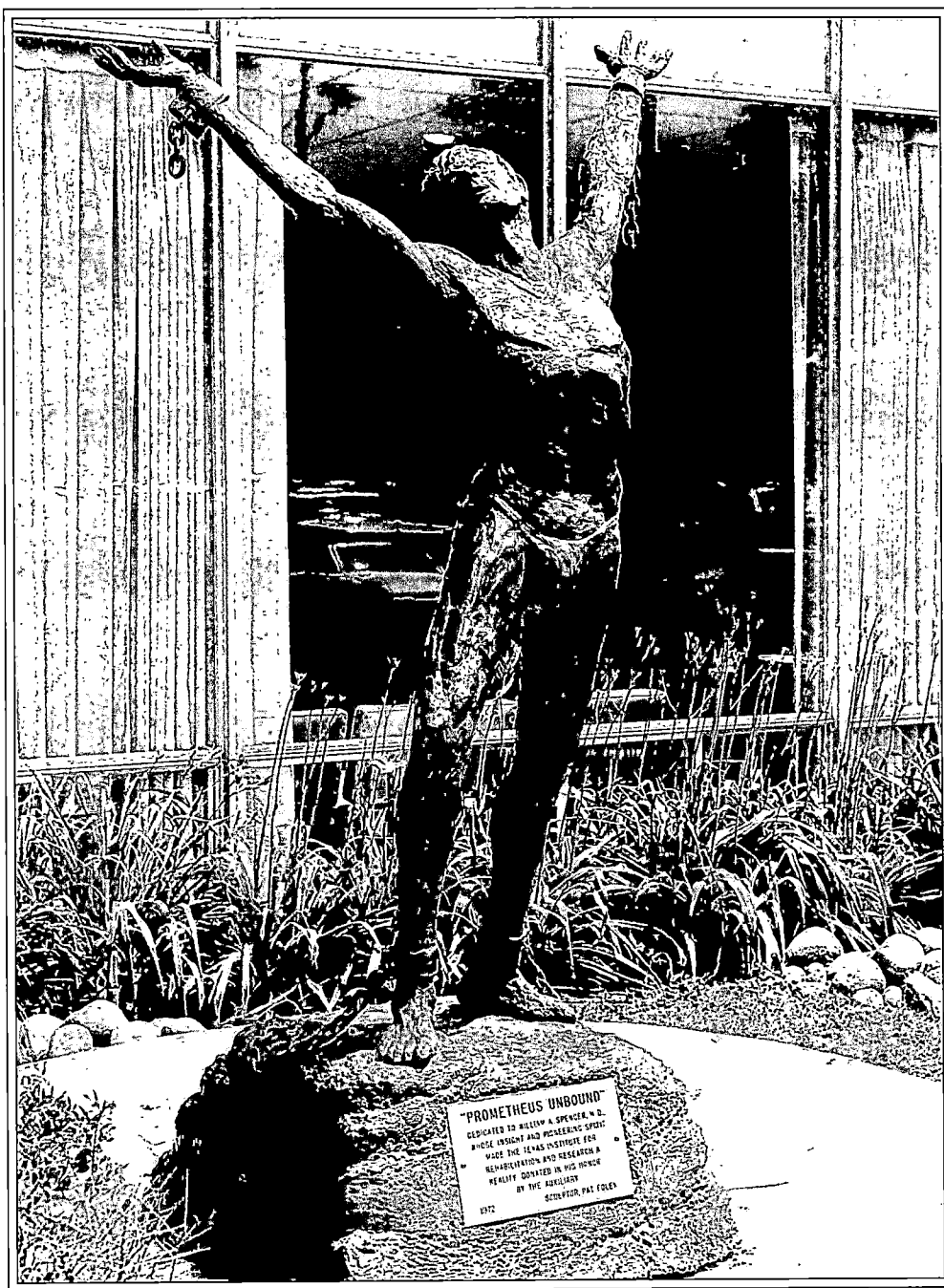
Prominent Houstonians who were early supporters of TIRR included W. L. (Will) Clayton, who was honorary chairman of the board, Lamar Fleming, Oveta Culp Hobby, Leon Jaworski, William S. Farish III, John W. Martin, William E. Parry, Mrs. S. M. (Susan) McAshan Jr., Harry Battelstein, Richard Colt, William S. Kilroy, Grace and Sam W. Levy, Ben Taub, Henry J.N. Taub, and James Walsh.

27 SUNDAY	5 SUNDAY
28 MONDAY	6 MONDAY
29 TUESDAY	7 TUESDAY
1 WEDNESDAY March is National Social Work Month	8 WEDNESDAY Ash Wednesday
2 THURSDAY	9 THURSDAY
3 FRIDAY	10 FRIDAY
4 SATURDAY	11 SATURDAY



Clinical and support staff are shown at the dedication of the new Texas Institute for Rehabilitation and Research in the Texas Medical Center on May 30, 1959.

12 SUNDAY	19 SUNDAY
13 MONDAY	20 MONDAY
14 TUESDAY	21 TUESDAY Rehabilitation Solutions-TIRR LifeBridge Marketing and Managed Care Department, TIRR
15 WEDNESDAY	22 WEDNESDAY
16 THURSDAY	23 THURSDAY
17 FRIDAY St. Patrick's Day	24 FRIDAY
18 SATURDAY	25 SATURDAY

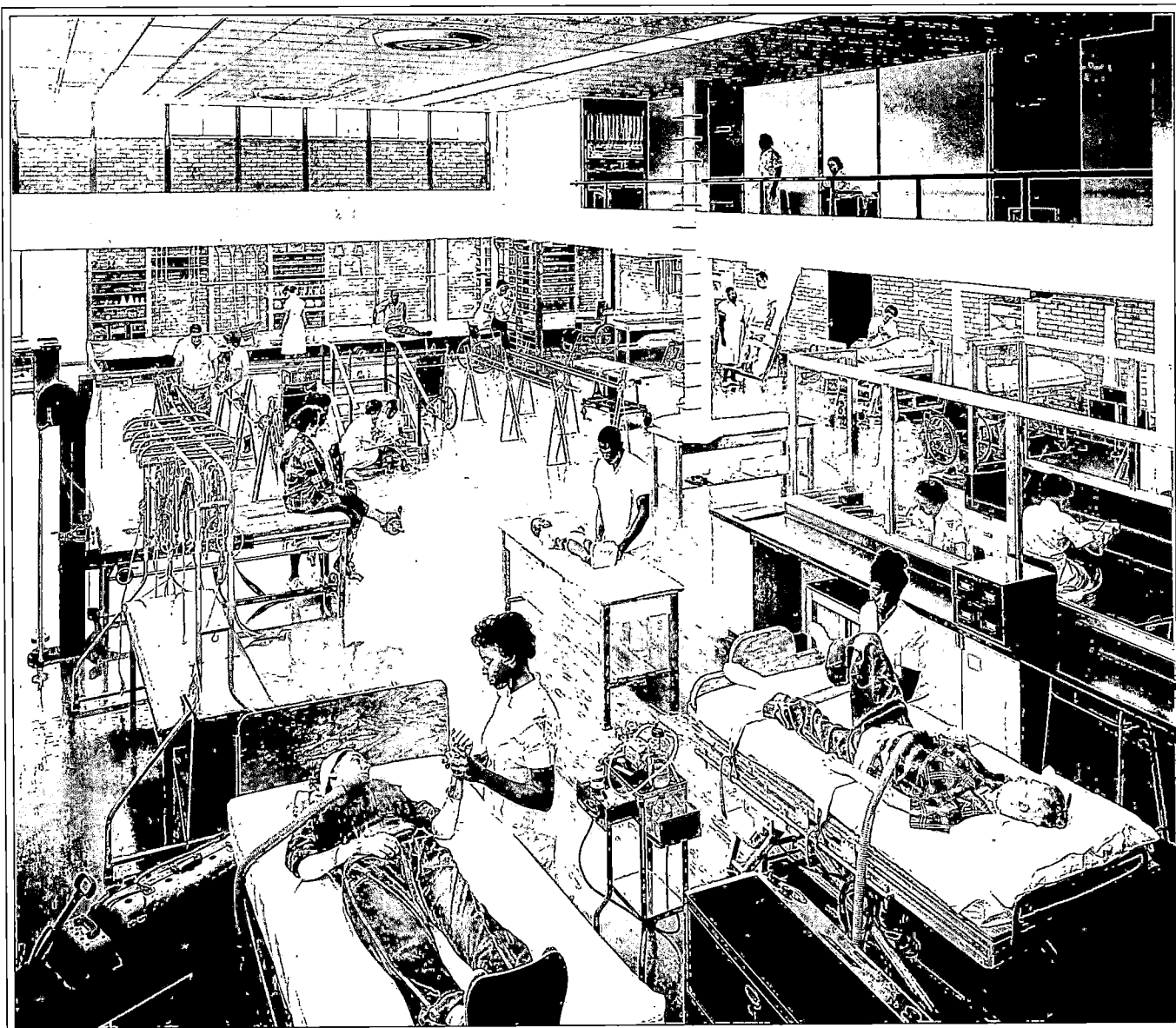


In 1972 the Auxiliary to TIRR commissioned prominent Houston artist Pat Foley to produce the larger-than-life "Prometheus Unbound" statue which has enjoyed a prominent and meaningful place at TIRR. Prometheus, a figure from Greek mythology, symbolizes breaking the chains of disability through rehabilitation, and demonstrates man's victory over adversity as seen by William A. Spencer, M.D., the founder and first president of TIRR.

"The realization of potential usefulness remaining to any man appears to be entirely apart from muscular weakness...it is an adjustment that repeatedly demonstrates to all of us that success in living is not success in bodily movement. Creativity, responsiveness, fraternity, responsibility and equality are not measured by muscle strength. It is as if the man within the shell of mortal clay unleashes himself from the bonds of muscular might and uses the tiniest strengths for the greatest purposes."

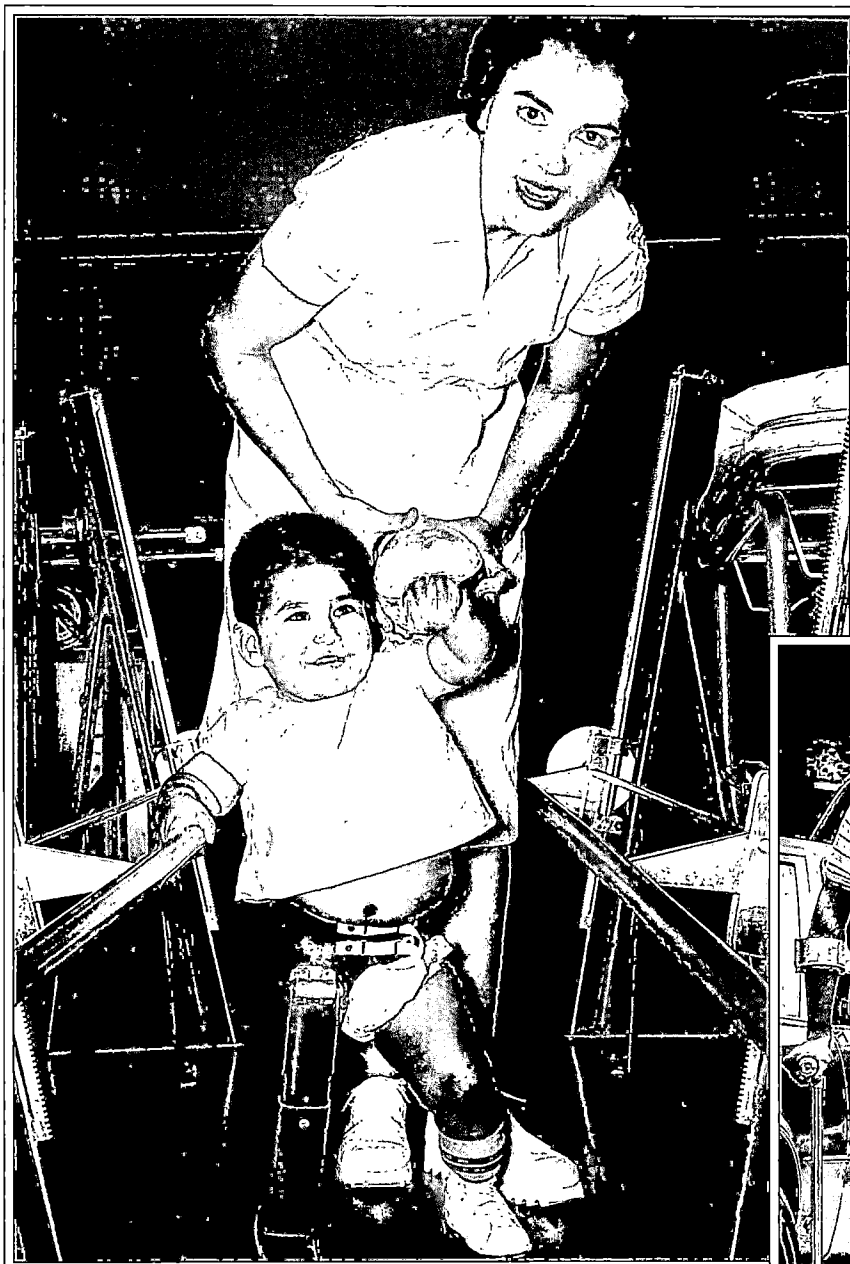
William A. Spencer, M.D.

26 SUNDAY	2 SUNDAY Daylight Saving Time begins
27 MONDAY	3 MONDAY
28 TUESDAY Mayor's Committee for Employment of People with Disabilities Annual Golf Tournament, Memorial Park	4 TUESDAY
29 WEDNESDAY	5 WEDNESDAY
30 THURSDAY Doctors Day	6 THURSDAY
31 FRIDAY	7 FRIDAY
1 SATURDAY April is National Occupational Therapy Month April 1-6: Texas Society of Health-System Pharmacists Seminar, San Antonio	8 SATURDAY

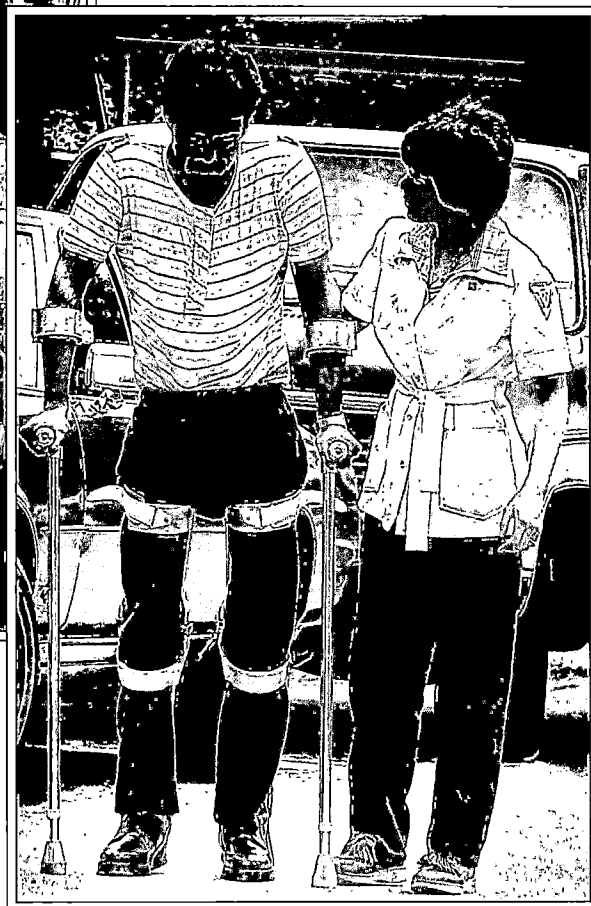


Since its beginning, TIRR has been known for the exceptionally strong physical and occupational therapy services it offers. This early 1970s photo was taken in the physical therapy gym, which is still in use today. The treatment approach, pace and appearance of the gym were noticeably different at that time.

9 SUNDAY	16 SUNDAY Palm Sunday
10 MONDAY	17 MONDAY
11 TUESDAY	18 TUESDAY Workers Compensation and the ADA Sponsored by ILRU
12 WEDNESDAY Learn @ Lunch, Program for Social Workers Marketing and Managed Care Department, TIRR	19 WEDNESDAY
13 THURSDAY	20 THURSDAY Passover
14 FRIDAY April 14-16: American Spinal Injury Association Meeting, Chicago	21 FRIDAY Good Friday
15 SATURDAY	22 SATURDAY



TIRR was one of the pioneers in the use of artificial limbs for children. In this photo taken in the late 50s, a child is learning to walk with the help of a therapist following a hip disarticulation amputation.



A physical therapist provides ambulation training in the community for a patient with spinal cord injury.

23 SUNDAY Easter Sunday	30 SUNDAY
24 MONDAY	1 MONDAY May is Better Speech and Hearing Month
25 TUESDAY	2 TUESDAY
26 WEDNESDAY	3 WEDNESDAY
27 THURSDAY	4 THURSDAY
28 FRIDAY	5 FRIDAY
29 SATURDAY	6 SATURDAY May 6-12: National Nurses Week

Nicholas C. Hott
Business Manager



Morris Burns
Data Processing



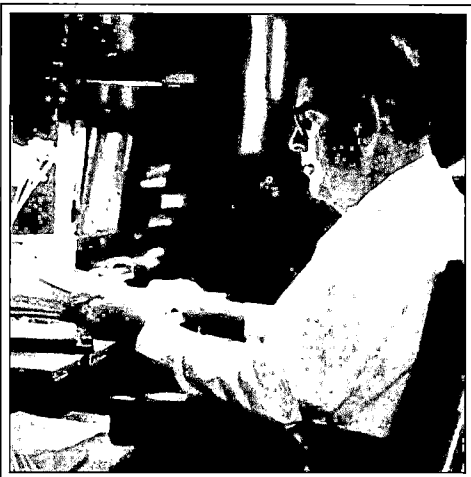
Fred Serna
Data Processing



Nita Weil
Receptionist
(now Director of
Volunteers, TIRR)



Ralph Pettitt
Purchasing Agent



Rita Griffin
RN



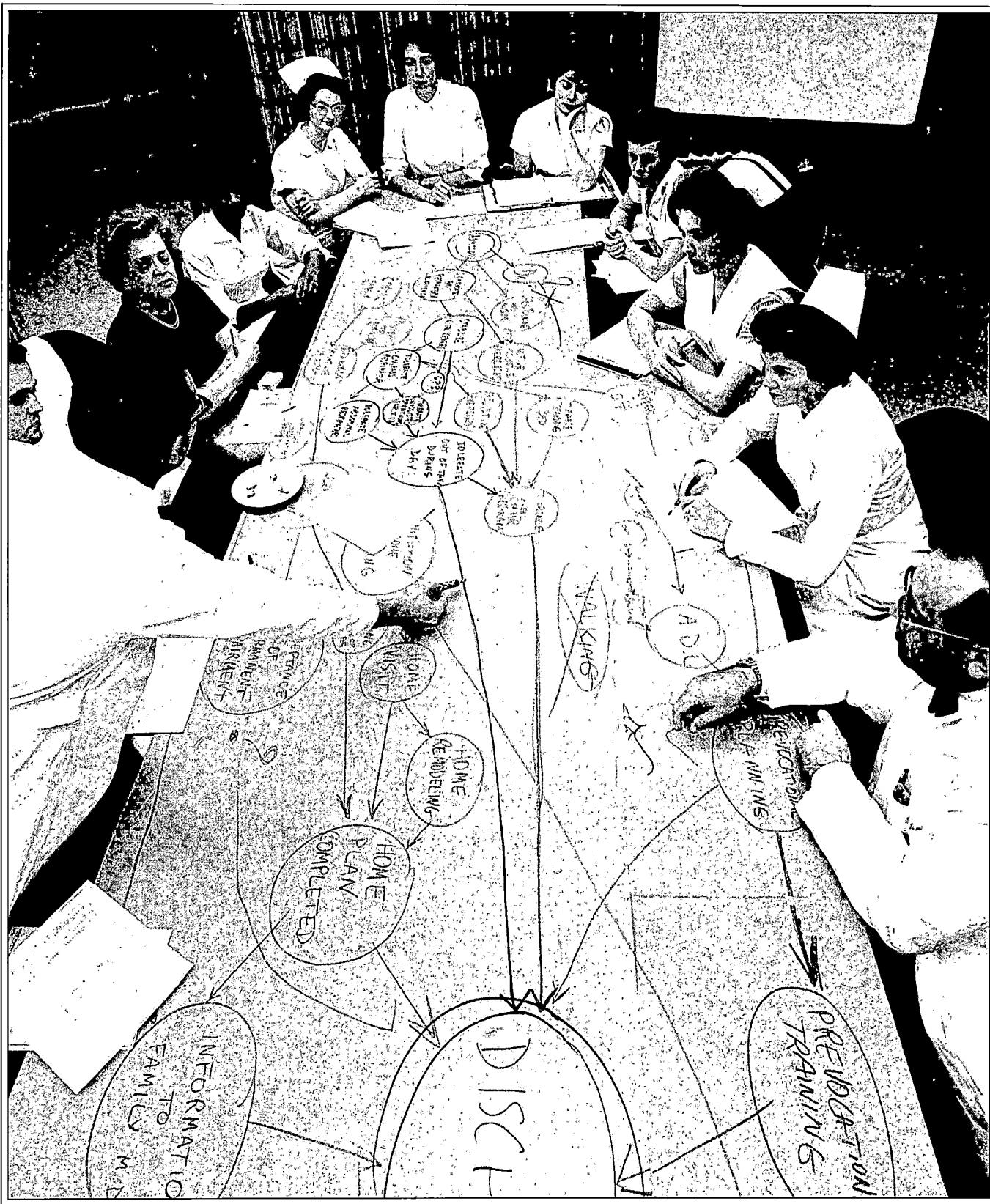
By hiring qualified former patients in selected jobs, the Southwestern Poliomyelitis Respiratory Center proved that even the most severely disabled could work. Dr. William A. Spencer hired Nicholas Hott, who was a second year medical student when he contracted polio, to become Business Manager of Wolff Home in 1953. In 1959 Hott was made Business Manager of the new TIRR. Soon people in wheelchairs were working throughout the Institute, signifying the belief in fostering employment for disabled people, independent living opportunities, and full acceptance and participation in society. This is seen in photos of these six TIRR employees in the 1960s.

7 SUNDAY May 7-13: National Hospital Week	14 SUNDAY Mother's Day
8 MONDAY	15 MONDAY
9 TUESDAY	16 TUESDAY Rehabilitation Solutions—Pediatric Conference Marketing and Managed Care Department, TIRR
10 WEDNESDAY	17 WEDNESDAY
11 THURSDAY	18 THURSDAY
12 FRIDAY	19 FRIDAY
13 SATURDAY	20 SATURDAY



R. Edward Carter, M.D., shown with Rose Cordray, RN and a spinal injury patient on a stryker frame (a piece of equipment now considered obsolete), was named Director of the Spinal Cord Injury Program at TIRR in 1961, a position he held for almost three decades. He joined the Baylor College of Medicine faculty in 1957 as a clinical instructor in the Department of Medicine after completing his residency training in internal medicine at Jefferson Davis Hospital. Soon Dr. Carter became internationally recognized for his work with ventilator-dependent spinal cord injured individuals. He is a founding member and the first president of the American Spinal Injury Association (ASIA) and was also a founder of the American Trauma Society of Harris County.

21 <i>SUNDAY</i>	28 <i>SUNDAY</i>
22 <i>MONDAY</i>	29 <i>MONDAY</i> Memorial Day Observed
23 <i>TUESDAY</i>	30 <i>TUESDAY</i> Memorial Day
24 <i>WEDNESDAY</i>	31 <i>WEDNESDAY</i>
25 <i>THURSDAY</i>	1 <i>THURSDAY</i>
26 <i>FRIDAY</i>	2 <i>FRIDAY</i>
27 <i>SATURDAY</i>	3 <i>SATURDAY</i>



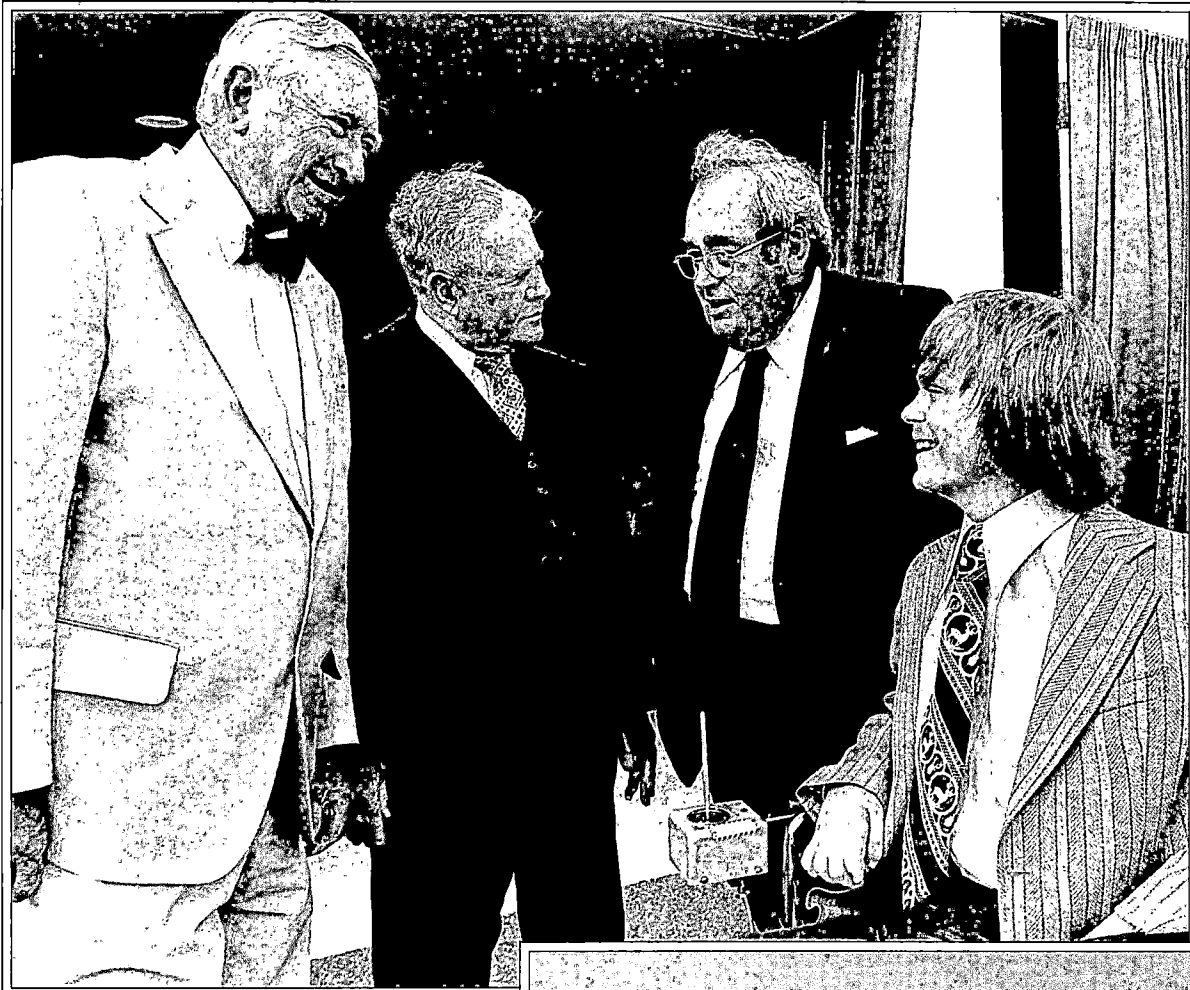
In this 1964 photo, a TIRR interdisciplinary team plans a patient's care. The team is scheduling the patient's program from admission through his/her discharge and return to daily living. TIRR and Baylor College of Medicine pioneered and continue to use this team approach. Carlos Vallbona, M.D., Baylor College of Medicine, is shown on the left, and William A. Spencer, M.D., TIRR, is on the right.

4 SUNDAY June 4-7: American Society of Health-System Pharmacists Annual Meeting, Philadelphia	11 SUNDAY
5 MONDAY	12 MONDAY
6 TUESDAY	13 TUESDAY
7 WEDNESDAY	14 WEDNESDAY Flag Day
8 THURSDAY	15 THURSDAY
9 FRIDAY	16 FRIDAY Lewis A. Leavitt, M.D. Memorial Lectureship, Baylor College of Medicine
10 SATURDAY	17 SATURDAY

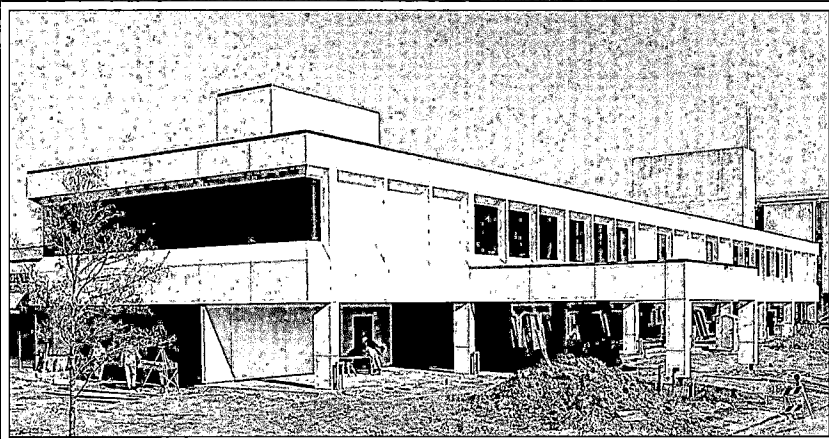


Martin Grabois, M.D., left, is shown in this 1974 photograph instructing Baylor College of Medicine resident David Hollaway, M.D. how to perform an EMG (electromyographic study). Dr. Grabois is Executive Vice President for Medical Policy at TIRR and Medical Director, TIRR LifeBridge. He has been associated with TIRR since 1973, when he was Assistant Professor and Residency Program Director, Department of PM&R (Physical Medicine and Rehabilitation), Baylor College of Medicine. He is now Professor and Chairman of the PM&R Department, Baylor. He has been a member of the International Rehabilitation Medicine Association since 1970, and was that organization's president from 1990-1994. Dr. Grabois was president in 1995 of the American Academy of Physical Medicine and Rehabilitation, and is president-elect (1999-2000) of the American Congress of Rehabilitation Medicine.

18 SUNDAY Father's Day	25 SUNDAY
19 MONDAY	26 MONDAY
20 TUESDAY Post-Secondary Education and the ADA/504 Sponsored by ILRU	27 TUESDAY
21 WEDNESDAY Learn @ Lunch, Program for Social Workers Marketing and Managed Care Department, TIRR	28 WEDNESDAY
22 THURSDAY	29 THURSDAY
23 FRIDAY	30 FRIDAY
24 SATURDAY	1 SATURDAY



(left to right) Charles Rathbun, TIRR board chairman, Congressman Olin Teague (Chairman of the U.S. House of Representatives Committee on Science and Technology), Dr. William A. Spencer, TIRR founder and President, and Lex Frieden, Research Assistant, TIRR and Baylor College of Medicine, are shown at the 1973 groundbreaking ceremony for the TIRR outpatient clinic wing.



The addition of a TIRR outpatient clinic, named The Levy Memorial Pavilion, was accomplished in 1974. It also housed the Rehabilitation Engineering Center Clinic—a center of activity for a cooperative research and clinical program between TIRR, Texas A&M University's Department of Biomedical Engineering, and Baylor College of Medicine.

July 2000

TIRR

2 SUNDAY	9 SUNDAY
3 MONDAY July 3-7: National Therapeutic Recreation Week	10 MONDAY
4 TUESDAY Independence Day	11 TUESDAY
5 WEDNESDAY	12 WEDNESDAY
6 THURSDAY	13 THURSDAY
7 FRIDAY	14 FRIDAY
8 SATURDAY	15 SATURDAY



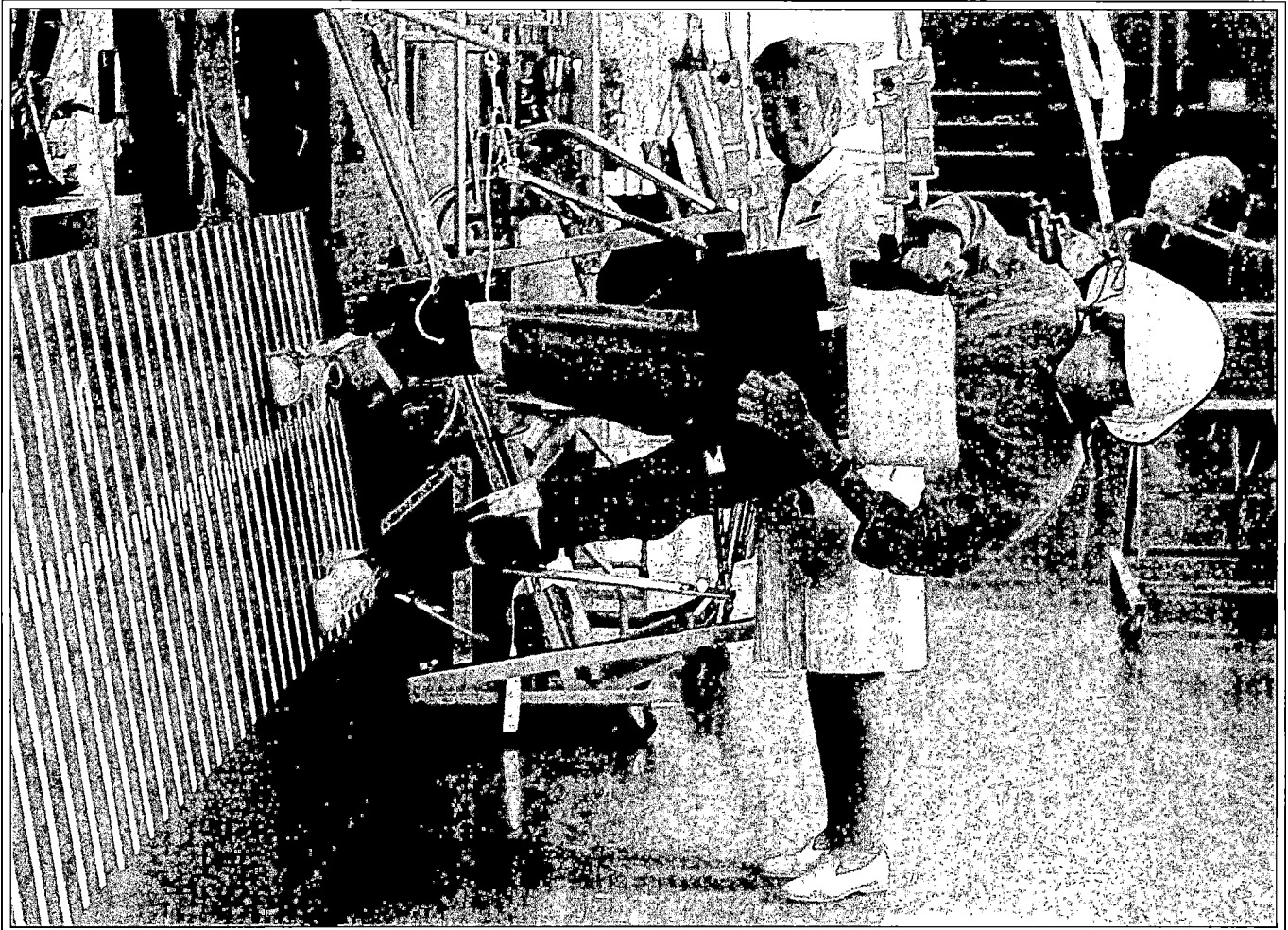
From the 1970s, TIRR's Rehabilitation Engineering Department helped put lives back together by making patients more mobile, with the use of innovative equipment such as this vertical (stand-up) wheelchair which was propelled by hand. Standing frames, widely used today, were unheard of then. This 'wheeler' was a creative solution designed by Michael Manley, Ph.D., of South Africa. TIRR's Tom Krouskop, Ph.D. (right in photo) modified it for use by Rebecca Bierwolff, a young paraplegia patient. Physical therapist Mandy Smith is helping Rebecca learn to manipulate her stand-up wheelchair for maximum function.

16 SUNDAY	23 SUNDAY
17 MONDAY	24 MONDAY July 24-30: National Council on Independent Living Annual Meeting, Washington DC <i>Co-sponsored by ILRU</i>
18 TUESDAY	25 TUESDAY
19 WEDNESDAY	26 WEDNESDAY 10th anniversary, Americans with Disabilities Act (ADA)
20 THURSDAY	27 THURSDAY
21 FRIDAY	28 FRIDAY
22 SATURDAY Americans with Disabilities (ADA) 10th Anniversary Celebration <i>Co-sponsored by ILRU</i>	29 SATURDAY



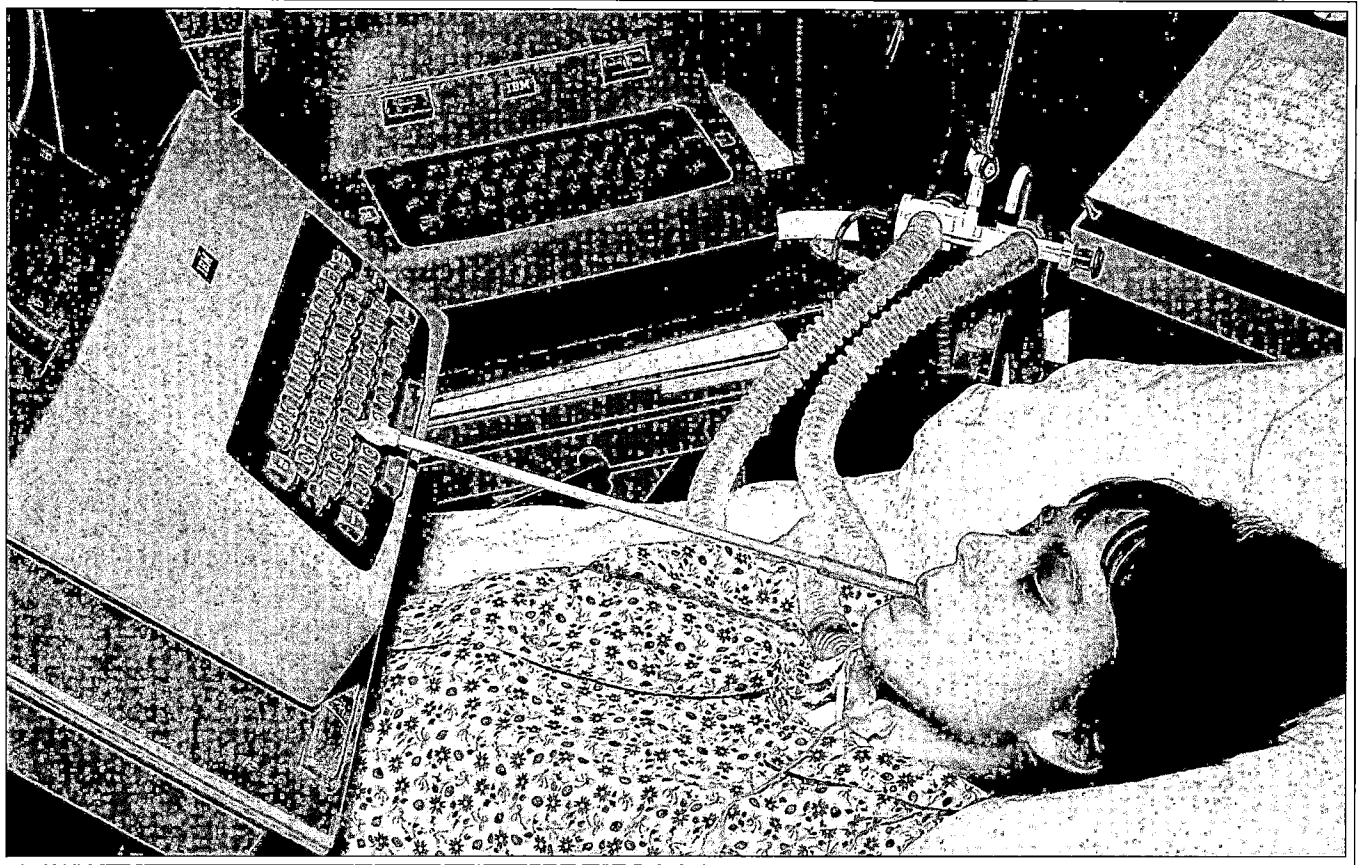
William H. Donovan, M.D., Executive Vice President for Medical Affairs and Medical Director, TIRR, examines a patient with spinal cord injury in outpatient clinic in this 1983 photograph. Dr. Donovan, who serves as Chairman of the Department of Physical Medicine and Rehabilitation (PM&R) at The University of Texas-Houston Medical School, has been associated with TIRR since 1981. He was Co-Director of the Regional Spinal Cord Injury Center, and in 1986 became Director of the Amputee Program at TIRR. Dr. Donovan was named Physician of the Year by the Texas Governor's Committee for Disabled Persons in 1984. He continues to have a full clinical practice in addition to the administrative duties related to UT and TIRR, and he serves as chief of service for PM&R at Memorial-Hermann Hospital.

30 SUNDAY	6 SUNDAY
31 MONDAY	7 MONDAY
1 TUESDAY	8 TUESDAY
2 WEDNESDAY	9 WEDNESDAY
3 THURSDAY	10 THURSDAY
4 FRIDAY	11 FRIDAY
5 SATURDAY	12 SATURDAY



In 1963 the National Aeronautical Space Administration (NASA) and TIRR formed an affiliation whereby TIRR monitored body functions of volunteer subjects. This study of the effects of immobilization on various systems of the body, and the biochemical and physiological changes resulting from prolonged bed rest as during prolonged space flight proved mutually beneficial. TIRR also contributed to the United States Space Program through early astronaut selection by TIRR physicians, and the "Reduced Gravity Simulator" was tested at TIRR.

13 SUNDAY	20 SUNDAY
14 MONDAY	21 MONDAY
15 TUESDAY	22 TUESDAY
16 WEDNESDAY	23 WEDNESDAY Learn @ Lunch, Program for Social Workers Marketing and Managed Care Department, TIRR
17 THURSDAY	24 THURSDAY
18 FRIDAY	25 FRIDAY
19 SATURDAY	26 SATURDAY



Kathleen DeSilva was injured in 1968 during gymnastics practice at Captain Shreve High School in Louisiana. Kathleen lost her grip while performing a rotation on the uneven bars. She went straight down, her chin hit the floor, and she was paralyzed from the neck down. Following many months of rehabilitation at TIRR, she returned to high school to graduate as her class valedictorian. Kathleen went on to earn degrees from Rice University and the University of Houston Law Center. The world's longest living survivor of a C1-2 spinal cord injury, Kathleen is TIRR Systems' in-house attorney, a position she has held since 1982. She serves on Houston's important nine-member Metropolitan Transit Authority board, an appointment made by City of Houston Mayor Lee Brown in 1998.

Kathleen's life experiences inspired a book now in its second printing, *Don't Tell Me I Can't*, written by Deborah Betts Morehead.



27 SUNDAY	3 SUNDAY
28 MONDAY	4 MONDAY Labor Day
29 TUESDAY	5 TUESDAY
30 WEDNESDAY	6 WEDNESDAY
31 THURSDAY	7 THURSDAY
1 FRIDAY	8 FRIDAY
2 SATURDAY	9 SATURDAY



The Department of Orthotics, founded in 1954 at the Southwestern Poliomyelitis Respiratory Center, was concerned with polio patients. The purpose of orthotics was to meet the polio patient's needs as they related to deformity, prevention, correction and functional restoration. Federal funding was made available to further develop modular systems for the quadriplegic patient, secondary to spinal cord injuries. A series of body-powered devices was developed, allowing a patient to perform daily tasks such as writing and personal hygiene. In later years externally-powered devices were developed that the patient could control independently. Using plastics, Thorkild J. Engen, Director of Orthotics at TIRR (pictured making an adjustment), and his staff developed a whole family of modular devices for the arms and hands.



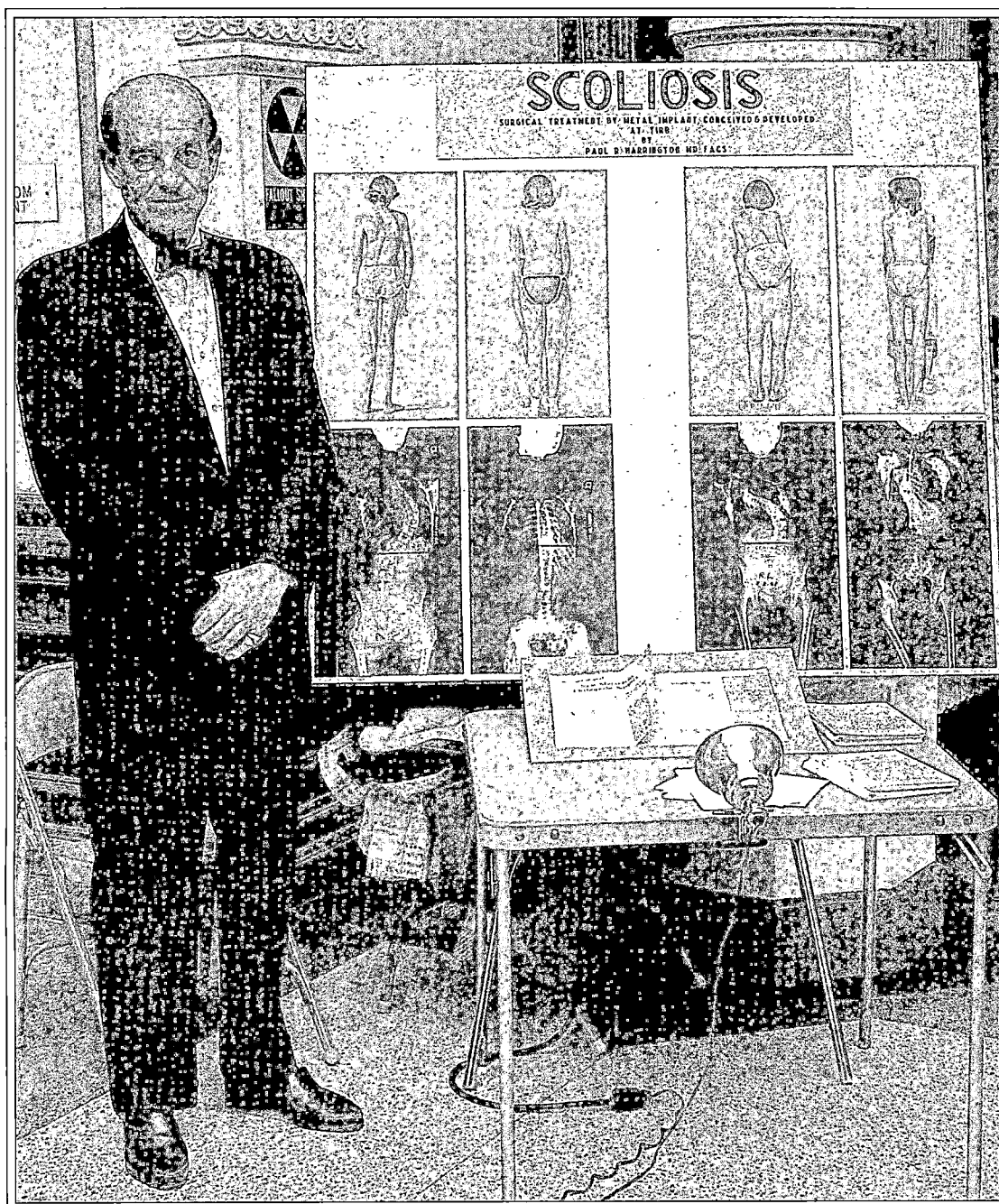
10 SUNDAY September 10-16: National Respiratory Care Week	17 SUNDAY September 17-23: National Rehabilitation Week
11 MONDAY	18 MONDAY
12 TUESDAY	19 TUESDAY Accessibility and Technology (508)/Telecommunications Sponsored by ILRU
13 WEDNESDAY	20 WEDNESDAY Learn @ Lunch, Program for Social Workers Marketing and Managed Care Department, TIRR
14 THURSDAY Rehabilitation Solutions—Brain Injury Conference Marketing and Managed Care Department, TIRR	21 THURSDAY September 21-25: International Independent Living Summit, Washington DC
15 FRIDAY	22 FRIDAY
16 SATURDAY	23 SATURDAY



Two-and-a-half year old Barbie Steinsholt was severely injured in 1979 as she climbed onto an electrical transformer box while playing near her home. A short time later, doctors at Ben Taub Hospital had to amputate both of Barbie's arms. Soon she was transferred to the Amputee Program at TIRR for innovative treatment and rehabilitation that would give her the means to lead a happy and independent life. Diane Atkins, OT, Baylor College of Medicine, Coordinator of the TIRR Amputee Program, is pictured here with Barbie. Diane worked with Barbie in the training and use of the electric arms she learned to manipulate after tedious hours of physical and occupational therapy. Soon she was able to bathe, wash her hair, brush her teeth, dress herself, and play with various toys and games. These activities were accomplished with not just her electric arms, but her feet and toes as well. Barbie's love of sports led to her enjoyment of roller skating, swimming, soccer, and riding her own specially adapted bicycle.

Barbie Steinsholt-Guerra is now married and has a child. She lives in Arizona where she teaches aerobics. She was featured on the ABC news program "20/20" during the fall of 1999. Diane Atkins was interviewed for the story, recalling her work with Barbie and the challenging task of working with a child without arms, who must learn to become independent by utilizing her electric arms as well as her feet and toes. Today Barbie is totally independent, and chooses to not wear a prosthesis but to utilize her feet as her hands.

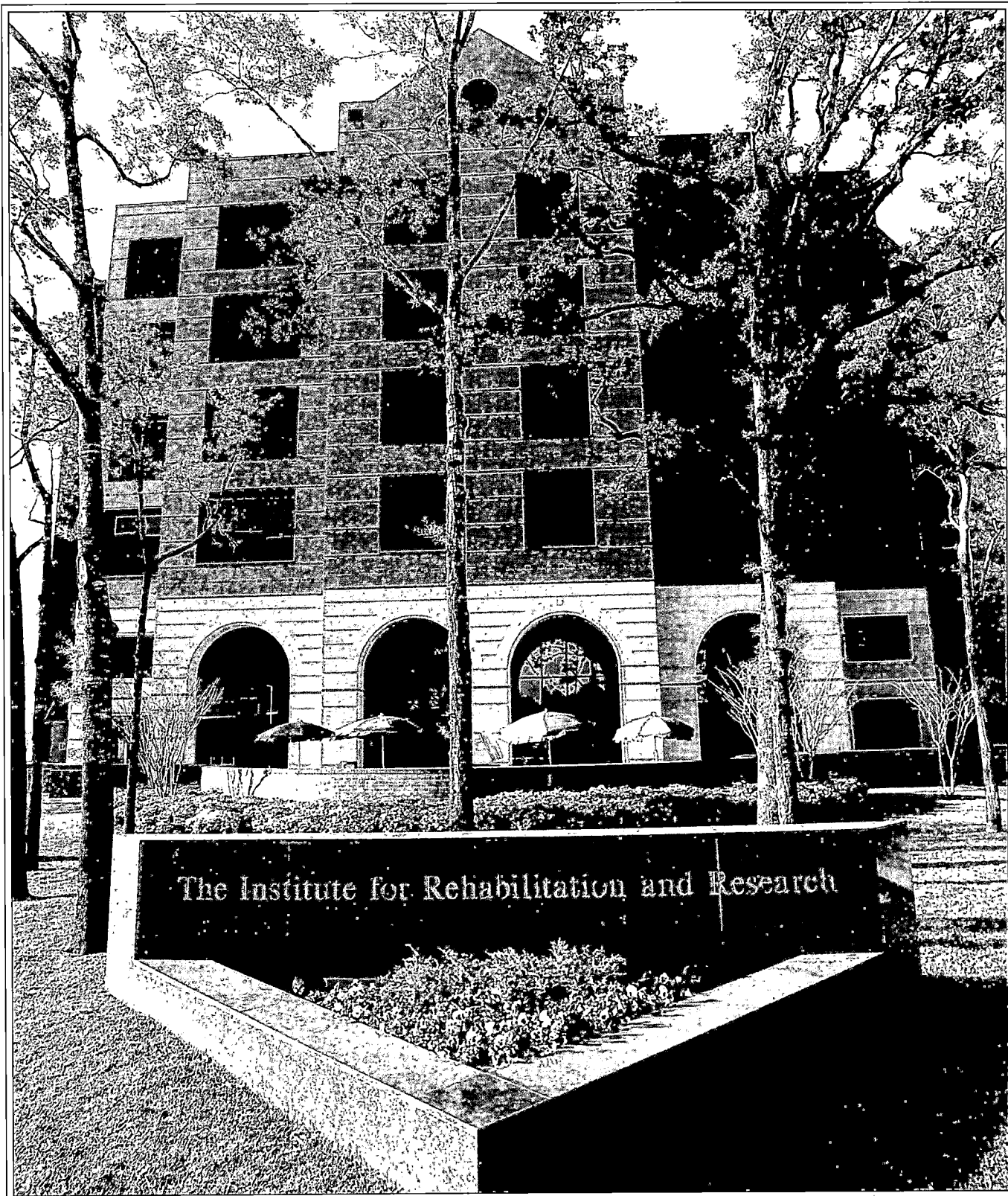
24 SUNDAY	1 SUNDAY October is National Physical Therapy Month
25 MONDAY	2 MONDAY
26 TUESDAY	3 TUESDAY
27 WEDNESDAY	4 WEDNESDAY
28 THURSDAY	5 THURSDAY
29 FRIDAY	6 FRIDAY
30 SATURDAY Rosh Hashanah	7 SATURDAY



Dr. Paul R. Harrington, an orthopedic surgeon, cared for patients in the National Foundation for Infantile Paralysis polio section at the county's Jefferson Davis Hospital beginning in 1945. In 1959, when the polio patients were moved to the new TIRR in the Texas Medical Center, Dr. Harrington became the first president of the TIRR active medical staff. In 1960, he developed a technique of spinal instrumentation which dealt with the problem of correcting spinal curvature in people with respiratory insufficiency due to polio. "An internally-applied metallic implant became the answer to stabilize and correct the curving spine," Harrington said. He and Thorkild J. Engen, Director of Orthotics at TIRR, worked on the design of the necessary spinal instrumentation. His technique, which corrects various kinds of idiopathic scoliosis as well as other spinal deformities and injuries, is universally known today as the Harrington Rod. It brought Dr. Harrington and the Texas Medical Center acclaim from medical journals and national magazines such as *Time* in November 1960. It is still used around the world with little or no basic change, and thousands of cases are performed annually.

8 SUNDAY	15 SUNDAY
9 MONDAY Yom Kippur Columbus Day observed MDA Drive-Through Flu Shots, TIRR	16 MONDAY
10 TUESDAY Rehabilitation Solutions VIII—Outpatient Services Marketing and Managed Care Department, TIRR	17 TUESDAY
11 WEDNESDAY	18 WEDNESDAY
12 THURSDAY	19 THURSDAY
13 FRIDAY	20 FRIDAY William A. Spencer, M.D. Lectureship, Baylor College of Medicine, TIRR Conference Center
14 SATURDAY	21 SATURDAY

22 SUNDAY	29 SUNDAY Daylight Saving Time ends
23 MONDAY	30 MONDAY
24 TUESDAY	31 TUESDAY Halloween
25 WEDNESDAY October 25-30: University of Houston Disability Awareness Week	1 WEDNESDAY November is Child Safety and Protection Month "I Believe I Can Fly" gala to benefit Mission Connect will take place in November. Learn @ Lunch, Program for Social Workers Marketing and Managed Care Department, TIRR
26 THURSDAY	2 THURSDAY
27 FRIDAY	3 FRIDAY
28 SATURDAY	4 SATURDAY



In 1991 TIRR opened its Edna B. Dunn Patient Tower, introducing to the Houston community state-of-the-art accommodations for patients with disabilities. The John S. Dunn Research Foundation, a longtime supporter, made a \$3 million construction contribution to build what patients and employees called their "Tower of Dreams." All the critical amenities were designed to be convenient for patients and encourage independence and the development of self-care skills.

5 SUNDAY	12 SUNDAY
November 5-11: National Health Information Management Week	
6 MONDAY	13 MONDAY
7 TUESDAY	14 TUESDAY
Election Day	
8 WEDNESDAY	15 WEDNESDAY
Rehabilitation Solutions IX—Spinal Cord Injury, Amputee and Comprehensive Rehabilitation Programs Marketing and Managed Care Department, TIRR	
9 THURSDAY	16 THURSDAY
10 FRIDAY	17 FRIDAY
11 SATURDAY	18 SATURDAY
Veterans Day	



TIRR Rehabilitation Centers

In the late 1980s, TIRR responded to accelerating changes in health care delivery and a recognized need for expanded rehabilitation programs. The first of what would soon be many outpatient therapy locations in Southeast Texas opened with the start of TIRR Rehabilitation Centers in 1988. In 1994, TIRR LifeBridge, the second hospital within the TIRR Systems continuum, opened. It was a subacute hospital offering care to an underserved patient population, persons requiring longer than usual lengths of stay in the hospital and not yet ready for the extensive rehabilitation offered at TIRR. This meant TIRR could deliver more quality services to an increasing number of patients.



TIRR LifeBridge

19 SUNDAY	26 SUNDAY
20 MONDAY	27 MONDAY
21 TUESDAY	28 TUESDAY
22 WEDNESDAY	29 WEDNESDAY
23 THURSDAY Thanksgiving Day	30 THURSDAY
24 FRIDAY	1 FRIDAY December is National Drunk and Drugged Driving Awareness Month
25 SATURDAY	2 SATURDAY

Dr. William A. Spencer in 1997, with the newly cast bronze statue of Prometheus which is the centerpiece of the gardens in front of TIRR in the Texas Medical Center



"The purpose of rehabilitation is to protect the individuality of the person facing disability and to provide opportunities to pursue goals, expectations and dreams that are important to that individual. That's what makes you a person. Having some control over your existence is a basic human right. My vision was guided by how much people could do in spite of tremendous losses."

"In reflecting on what rehabilitation should be today, I don't think the key ideas are any different. Individualization of care is fundamental to protect the individuality of the person and provides opportunities for a productive and rewarding life. The resources are different today, including personnel, technology and financing, but the need remains fundamental: to find the means to reach ends that matter. My vision is symbolized by Prometheus, who is reaching upward in spite of being chained—rehabilitation is about finding resources and ways to reach valued goals in spite of difficulties and constraints."

William A. Spencer, M.D.

"Dr. William A. Spencer is a legend in rehabilitation medicine, a man who during his longtime medical career defined the field and advanced the specialty. As a researcher, innovator, physician and national leader, he devoted himself to improving the lives of persons with physical disabilities, pioneering a philosophy of rehabilitation that provided early and aggressive care to overcome and compensate for lost abilities. By changing the way society and health care respond to disability and rehabilitation, he enhanced the lives and futures of millions of people."

Said of Dr. Spencer when he was given the American Hospital Association Award of Honor in August 1993.

3 SUNDAY December 3-7: American Society of Health-System Pharmacists Clinical Meeting, Las Vegas	10 SUNDAY
4 MONDAY	11 MONDAY
5 TUESDAY	12 TUESDAY
6 WEDNESDAY	13 WEDNESDAY
7 THURSDAY	14 THURSDAY
8 FRIDAY	15 FRIDAY
9 SATURDAY	16 SATURDAY



The Mission Connect team gathered at TIRR August 26, 1997 for a press conference to announce to the community their ambitious new research project.

17 SUNDAY	24 SUNDAY
18 MONDAY	25 MONDAY Christmas Day
19 TUESDAY	26 TUESDAY
20 WEDNESDAY	27 WEDNESDAY
21 THURSDAY	28 THURSDAY
22 FRIDAY Hanukkah	29 FRIDAY
23 SATURDAY	30 SATURDAY
	31 SUNDAY New Year's Eve



TIRR Foundation
5100 Travis
Houston, Texas 77002-9746

(713) 528-0123