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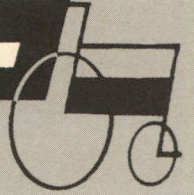
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NATIONAL SPINAL CORD INJURY FOUNDATION
Formerly National Paraplegia Foundation

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INJURY FOUNDATION



MARCH/JUNE 1979

VOLUME 8 NUMBERS 2 & 3

**Foundation
Convention**

**Aug. 5-9
Denver**

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PUBLICATION POLICY

The PARAPLEGIA LIFE will consider manuscripts for publication in the areas of spinal cord injury (research and treatment); environmental barriers (legal, physical, and attitudinal); sports and recreation; relevant personal stories; opinion articles if signed; new products; or any other subject related to spinal cord injury or the problems of disabled people. Manuscripts are preferred typed on plain paper, double spaced, with one inch margins on all sides. No arbitrary limit is imposed on length but the most favorable consideration will be given to articles under 1,500 to 2,000 words. It is suggested that anyone with substantially longer articles contact the editor prior to submission. Pictures should be black and white glossy at least 3 x 5 inches in size. If any material is to be returned, it must be accompanied by a stamped, self-addressed envelope. Material will only be acknowledged if requested. All final decisions as to use of material submitted will be made by the editor.

Subscriptions/Membership

Members of the NATIONAL SPINAL CORD INJURY FOUNDATION receive automatic subscriptions to *Paraplegia Life*. Subscribers receive automatic membership in the FOUNDATION.

Participating Membership/Subscription rates are \$10.00 per year (domestic) and \$11.00 per year (foreign).

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5 copies.....	\$25.00
10 copies.....	\$40.00

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Contributing.....	\$15.00
Supporting.....	25.00
Sustaining.....	50.00
Century.....	100.00
Life.....	500.00

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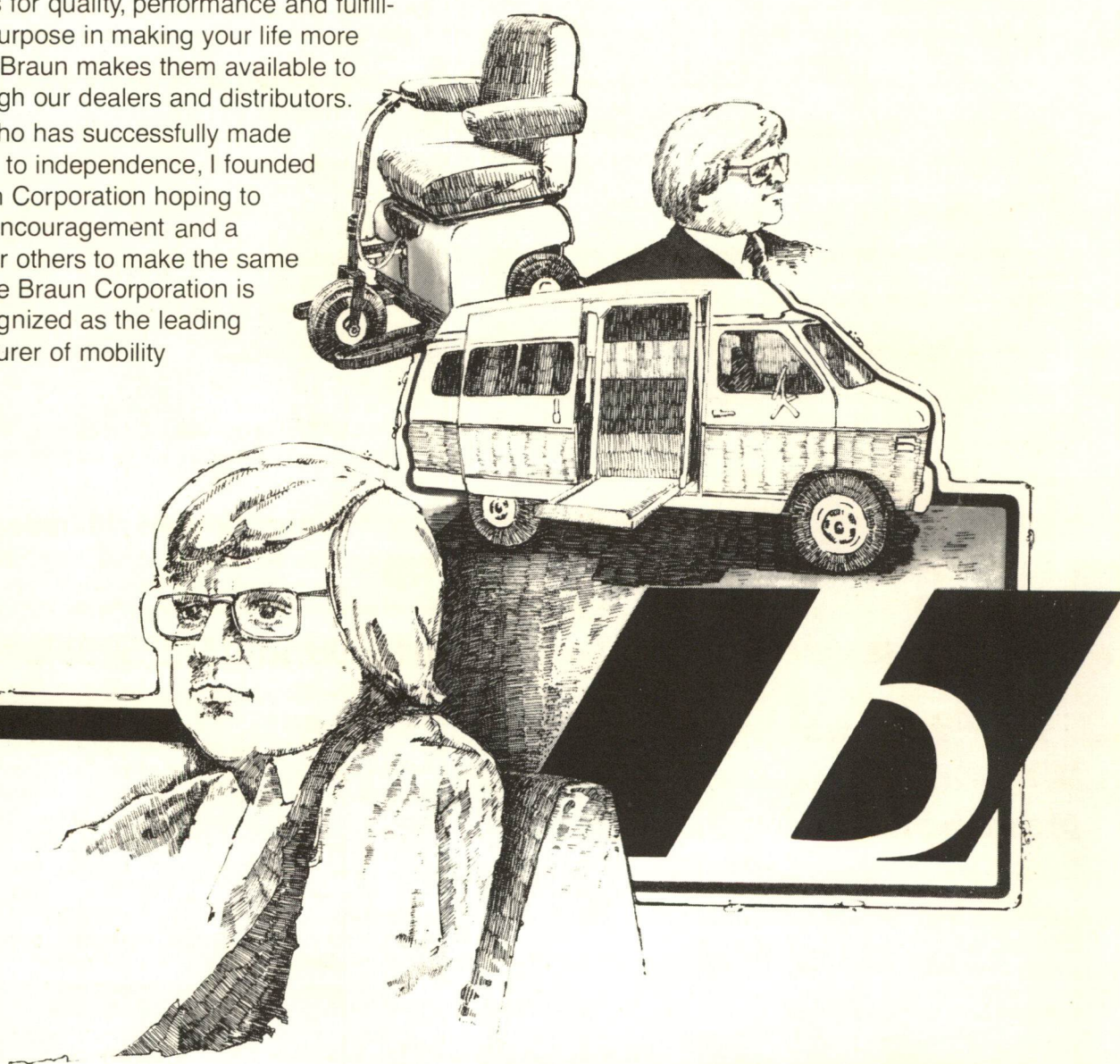
14,256 ft. Long's Peak towers over Bear Lake in Rocky Mountain National Park about a two-hour drive from Denver. This is just one of many delightful possibilities for Foundation conventioners at the August meeting. For further info, see pages 10 and 11 and the *Last Word* on page 30.

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"Performance Proven" is our best way of saying that Braun products have been time tested and approved for safe and dependable operation. Our complete line of driving aids and accessories, semi and fully automatic lifts, the Tri-Wheeler, mini motorhome and van conversions have earned the Braun brand of quality. When new products have met our standards for quality, performance and fulfillment of purpose in making your life more pleasant, Braun makes them available to you through our dealers and distributors.

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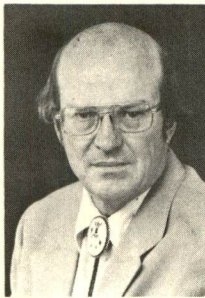
products. We accept the challenge to maintain our leadership position...and challenge you to make your move to independence. Braun "performance proven" products will provide the safe and dependable means. Call or write us today for information on Braun products. And make your move tomorrow.



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A Word From The President



By Robert Jackson, M.D.

Current Federal Legislation

The Congress passed Public Law 95-602 in November of 1978. Amongst other things, it established the National Institute of Handicapped Research and a presidentially-appointed Council on the Handicapped. Between dictation of this report and its appearance in our journal there will have been multiple hearings in Washington particularly on the subject of funding the National Institute of Handicapped Research.

There is no question in the minds of many of us who are involved, as you and I are, with meeting the needs of persons of limited mobility that this Institute can be of significant importance to us. It can, in time, become reality. Now it must be funded.

I have, in these columns, rarely asked your efforts towards influencing legislative action. But now, if we are to see this Institute and all the programs that can flow

from it become reality, we need your help. Please contact your legislative representative. Your personal letter is more effective than any formal or informal approach by any organization. Let him know that you are aware of the National Institute of Handicapped Research and, because it is a human services effort, it should not be put into the Department of Education. There has been a great deal of pressure to put the Institute into the Department of Education as called for in HR 2444 and a similar Senate Bill (S 210).

This Congress is now, understandably, in a very conservative fiscal mood and I think we would all agree with that. The problem is that our Congressmen must hear from us to have any way of knowing where priorities lie. Suggestions have been made to cut the already limited funding for the Rehabilitation Services Administration, medical research, and the special demonstration programs. When you are contacting your legislator, may I ask that you let him know that cutting such programs will be a harsh and unfair act against America's disabled citizens. I, no less than you, want fiscal responsibility in government. I do not want that fiscal responsibility to be at the cost of throwing ever larger burdens on people who are impaired through no fault of their own and, consequently, whose lives are more expensive than they would otherwise be.

The need for this Institute was beautifully expressed in a paper presented by Dr. William A. Spencer who assisted in setting up the organizational structure of the Institute. Dr. Spencer said: "*We face the need for a*

national commitment and commensurate effort in research to benefit handicapped people. Justifying, personal, economic, social, and administrative importance of achieving a major national scientific and technologic effort needs to be understood. Facts, figures, sound opinions, and issues identify a grave imbalance between public and private allocations of resources to control human disability and magnitude. This is a first order socioeconomic and political problem. Loss of productive human resources is intolerable like failure to conserve material resources and develop new ones. We must diminish the economic drain upon the nation and upon many of its most vulnerable and impoverished yet responsible citizens."

Let your legislators hear from you. Dr. Spencer puts it correctly, in my view, when he says that this is a first order socioeconomic and political problem. Let your political voices be heard. Let us get this needed federal addition off the ground and going.

If you find it possible, I would appreciate receiving copies of letters, telegrams, or memoranda of conversations you may have with any legislators or their assistants. Let us work together on this. Let us get this Institute going!

Our 1979 Annual Convention will be held at Stouffer's Inn, August 5-9, in my home base, Denver, the Mile High City. You are all most cordially invited to come, participate in our meetings, partake of our magnificent scenery, and enjoy Western Hospitality. See you there! ■

Fund Raising

How Funds Are Raised To Support Foundation Services

1979 National Wheelchair Marathon

In what constituted one of the best fund-raising efforts of the **National Spinal Cord Injury Foundation**, over \$40,000 was pledged in Individual Sponsorships and over \$10,000 was contributed by Corporate Sponsors to support the 1979 National Wheelchair Marathon. This fundraising program supported the **Foundation's** direction of the National Championship race and helped to defray the costs of bringing the twenty athletes from across the country to compete in the annual event.

National Wheelchair Marathon Corporate Sponsors include:

Bailey Building Company
Chesebrough Ponds
Eastern Gas and Fuel
Gillette Company
Kendall Company
Liberty Mutual
Manufacturer's Hanover Trust
Scholl Corporation

National Wheelchair Marathon Corporate

Contributors include:

Advance United
Boston Globe
Friendly Ice Cream
General Cinema
Invacare
National Car Rental
New Balance Shoe
Norelco

Shawmut Bank
Shiple Company
Zayre

Chapters of the **National Spinal Cord Injury Foundation** which raised over \$1,000 in pledges for the Individual Sponsorship Campaign are:

Granite State Chapter (New Hampshire)
Greater Milwaukee Area Chapter
Maine Chapter
Massachusetts Association of Paraplegics
Mountain States Chapter (Colorado)
Northeastern Indiana Chapter
Paraplegia Association of Rhode Island

Chapters of the **National Spinal Cord Injury Foundation** which recruited pledges for the Individual Sponsorship Campaign include:

- Birmingham Area Chapter
- Arkansas Chapter
- Orange County Chapter
- Connecticut Chapter
- National Capitol Area Chapter
- Wheelchair Awareness Chapter
- Georgia Association of Paraplegics
- Illinois Chapter
- Rockford Chapter
- Vaughan Chapter
- L. W. Freeman Chapter
- Michiana Chapter
- Kansas Paralysis Chapter
- Hiawatha Valley Chapter
- Greater Kansas City Chapter
- New York Metropolitan Chapter
- Metrolina Chapter

NATIONAL SPINAL CORD INJURY FOUNDATION Board of Trustees

At the **Foundation's** Annual Board of Directors meeting in 1975, a Board of Trustees was created. Criterion for membership is to give (or raise) \$2,000 to the **Foundation** within one fiscal year. The following have qualified for the fiscal year ending June 30, 1979.

- Chester Black
- Ken Brown
- Eastern Paralyzed Veterans Ass'n
- Barry Eigen
- Employers Insurance of Wausau
- Everest & Jennings
- General Reinsurance Corporation
- Judy Gilliom
- Great American Insurance Company
- The Hartford
- R. S. Jordan
- Gary Langbaum
- Liberty Mutual Insurance Company
- Jan Little
- Arnold T. Marcus
- McDonalds Corporation
- Nancy Melichar-Hodgkins
- Robert Moss
- Frank Musinsky
- The Saint Paul Companies
- Robert Samuels
- Myron Swatt
- Texas Employers Insurance Ass'n
- Doris & Ed Wiener

- Northeast Ohio Chapter
- Ohio-Kentucky-Indiana Regional Chapter
- Oregon Trail Chapter
- Delaware Valley Chapter
- Vermont Chapter
- Greater Puget Sound Chapter

Individuals, small businesses, universities, service organizations and athletic groups contributed significantly to the \$40,000 pledged through the Individual Sponsorship Program. Supporting Chapters of the **National Spinal Cord Injury Foundation** were identified by nearly 85% of the sponsors who pledged, totaling \$33,000 in pledges. (See story on pages 6 and 7.)

Membership Increases 40%

Response to the **Foundation's** membership campaign for 1979 has been overwhelmingly positive, as reflected in a jump in membership from 3,500 to 5,000.

One-hundred nineteen of those 1,500 new members are rehabilitation nurses employed by Liberty Mutual Insurance Company. These memberships constitute the largest block enrollment ever received by the **Foundation** from an insurance carrier.

Insurance Industry Appeal

As a result of the **National Spinal Cord Injury Foundation's** insurance industry campaign, three additional companies have pledged their support to the **Foundation's** programs for persons with spinal cord injury and disease.

Two insurance companies, *General Reinsurance Corporation* and *Great American Insurance Company*, each pledged a one-year \$2,500 contribution.

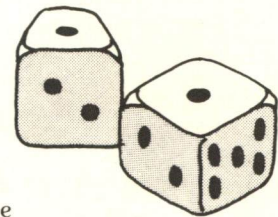
The St. Paul Companies pledged \$15,000 over the next three-year period.

A total of \$67,000 has been pledged or contributed by eight insurance companies in response to the **Foundation's** 30th Anniversary Appeal.

Holiday Mailing 1979-1980

The final total for the Holiday Mailing for the **National Spinal Cord Injury Foundation** has reached \$4,160. This marks one of the largest Annual givings for the **Foundation**. ■

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Marathon Champion Lends Inspiration

No other event more effectively celebrates the abilities of persons with spinal cord injuries and other severe disabilities than the National Wheelchair Marathon. On Patriot's Day, April 16, 1979, the 3rd Annual National Wheelchair Marathon was held in conjunction with the world's most famous road race — the Boston Marathon. Sponsored and directed by the **National Spinal Cord Injury Foundation**, this dramatic athletic event is a major public education program of the **Foundation**.

Reaching millions, the publicity surrounding the renowned Boston Marathon provided the **National Spinal Cord Injury Foundation** with a vehicle through which to promote the exceptional abilities of people who use wheelchairs for mobility. The remarkable accomplishments of the athletes were publicized nationwide via outstanding television, radio and newspaper coverage.

The twenty athletes invited to participate in the race included this country's most qualified wheelchair marathoners. Representing nine states across the nation, the entrants were selected from over forty applicants, including inquiries from England, Canada and Sweden.

A veteran of the two previous National Wheelchair Marathons, finishing fourth in both 1977 and 1978, champion Ken Archer crossed the 1979 finish line in first place after wheeling for 2 hours, 38 minutes and 59 seconds. Thirty-year-old Archer of Akron, Ohio, who led the race for 25 miles, hopes that his win will "lend inspiration to both runners and others who use wheelchairs."

Sheryl Bair of Sacramento, California, was the first woman across the finish line in 3 hours, 27 minutes and 56 seconds. One of five women entered in this year's National Wheelchair Marathon, Sheryl achieved her impressive national victory after completing just one year of road race competition.

Since its inception in 1977 the National Wheelchair Marathon has grown in size and popularity; increasing from 7 to 20 competitors in the last three years and drawing public recognition from around the world. The women and men who train and compete in this demonstration of remarkable athletic accomplishment set an inspirational challenge for us all.

Official Results

Name	Race #	Time	Home Town	Class	Gender
1. ARCHER, Kenneth	4	2:38:59	Akron, Ohio	5	Male
2. MURRAY, George	17	2:40:13	Tampa Bay, Florida	5	Male
3. THOMANN, James	2	2:58:09	Clearwater, Florida	3	Male
4. VANDELLO, Donald	5	2:59:09	Delevan, Wisconsin	5	Male
5. BARRETT, Dean	20	3:05:12	Sacramento, Cal.	4	Male
6. CARPENTER, Phil	1	3:05:33	Holiday, Florida	4	Male
7. BRINKMAN, Curt	3	3:07:50	Provo, Utah	5	Male
8. ANGUS, Timothy	19	3:12:46	Salt Lake City, Utah	5	Male
9. KAMINSKI, Michael	13	3:13:28	Mesa, Arizona	3	Male
10. BAIR, Sheryl	8	3:27:56	Sacramento, Cal.	5	Female
11. ZEISE, Lloyd	14	3:35:37	Minneapolis, Minn.	4	Male
12. LIMPET, Sharon	18	3:57:23	Minneapolis, Minn.	4	Female
13. JACOBS, Karen	16	4:02:29	Tampa Bay, Florida	3	Female
14. CHAFEE, Ella	12	4:31:47	Oak Lawn, Illinois	3	Female
15. LEVIE, Charles	10	4:31:56	Kearns, Utah	2	Male
16. BROWNLOW, West	15	4:48:49	Denver, Colorado	1	Male
17. RAY, Robt. Darrell	9	5:31:07	Hollywood, Cal.	2	Male
18. BREWER, John	11	5:52:21	Salt Lake City, Utah	1	Male
PATTON, Cindy	6	not finish	Acton, Mass.	3	Female
HALL, Robert	7	not finish	Belmont, Mass.	5	Male



Displaying the strength that builds champions, Ken Archer takes the lead less than a mile from Hopkinton.



Donald Vandello of Delevan, Wisconsin, wheels alongside the runners the last few feet to the finish line at the Prudential Center in Boston.



In a reflective moment before the race, John Brewer lends a supportive arm to Tim Angus. Both athletes hail from Salt Lake City, Utah.



Elmer Bartels, Commissioner for the Massachusetts Rehabilitation Commission, presents Class I Winner trophy to West Brownlow of Denver, Colorado.



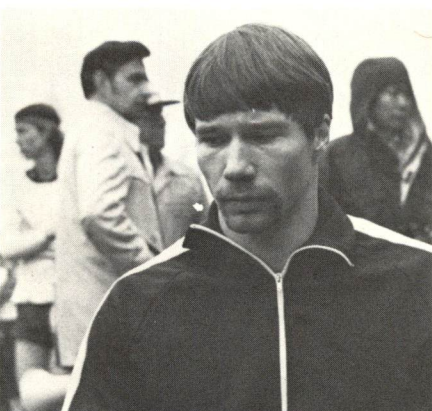
"Can anyone beat George Murray?" Challenged with that question two days before the race, Ken Archer (far right) responds, "I'll reserve comment" as Jim Thomann, Karen Jacobs, George Murray, Paul DePace and Phil Carpenter look on amusedly.



1979 National Wheelchair Marathon Women's Champion, Cheryl Bair, accepting congratulations from Massachusetts Governor, Edward J. King at the Awards Banquet.



National Wheelchair Marathon Committee Chairman Paul DePace presents plaque to Robert Darrell Ray of Hollywood, California.



A pensive Champion, Ken Archer, at the Hopkin-ton starting line just moments before the race began.



Race Director Bruce E. Marquis shakes the hand of a gleeful Ken Archer, the 1979 National Wheelchair Marathon Champion.



“When I’m leaving the ‘Goodnight, doctor,’—that’s

Philadelphia, Pennsylvania. 1955. Lewis Gumerman was busily preparing for his second year of medical school at the University of Pennsylvania. He awoke one morning with a stiff neck. And very soon afterwards, he found himself in a respirator, paralyzed by polio.

But the thought of returning to medical school never left him.

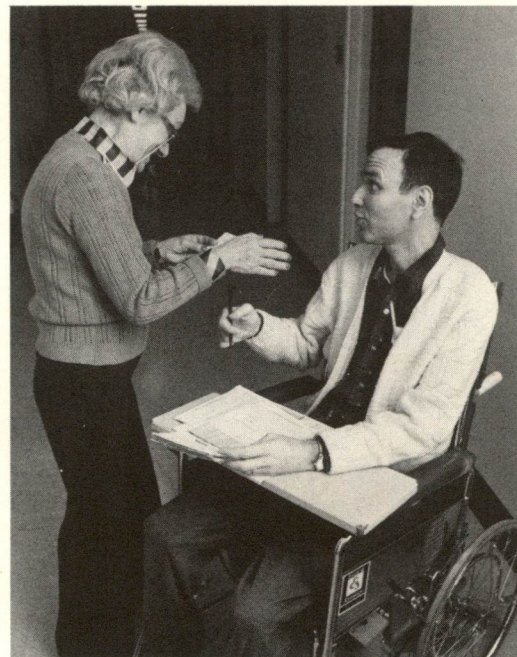
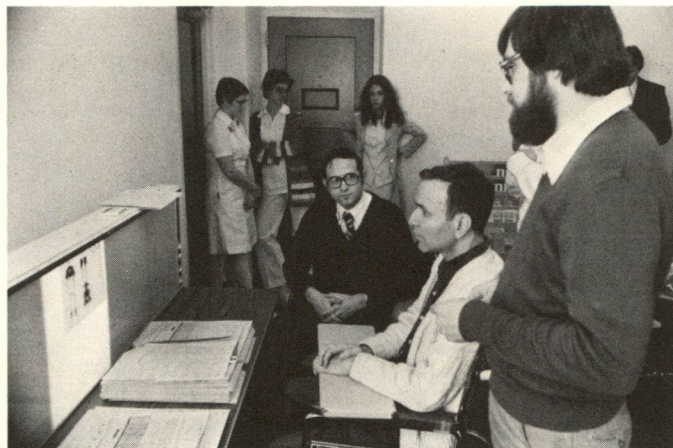
“After I was in a respirator for three months, the Associate Dean of Penn visited me and said they were saving a place for me in the class whenever I was ready to come back. That was very reassuring, although I knew he never thought he’d see me back.”

But he did come back, in a wheelchair. With the support of his family and friends, Dr. Gumerman returned to medical school and graduated in 1960. After serving his internship at Albert Einstein Hospital

in Philadelphia, Dr. Gumerman accepted a position in the nuclear medicine department at Presbyterian-University Hospital in Pittsburgh. Six months later, in April 1966, he was appointed director of the department.

A busy schedule.

Today, Dr. Lewis Gumerman, 44, still must frequently use a respirator. But this does not keep him from fulfilling his daily duties as head of the department, which include his two favorite interests—teaching and patient care. “The majority of the work we do here is diagnostic. With nuclear medicine (techniques), by using the appropriate drug, we can obtain information regarding the physiological changes that are taking place in the patient. For example, how fast the brain is consuming oxygen, or how rapidly the heart is pumping out blood?”



hospital and someone says, a very reassuring feeling.”

At home, Dr. Gumerman likes to relax with his family — wife Ruth, and their two children — Meira, 13, and Etan, 10. For recreation and to keep up his energy, he swims, walks the parallel bars and pulls weights three times a week.

For Dr. Lewis Gumerman, “success” has not come easy. It took a lot of personal courage and drive, and perhaps most importantly, it took the realization that he was not alone. “You can be tricked into making a mistake by believing you can do it all alone. But the most important thing is to make sure you get to where you want to go. Even if that means asking for help along the way.”

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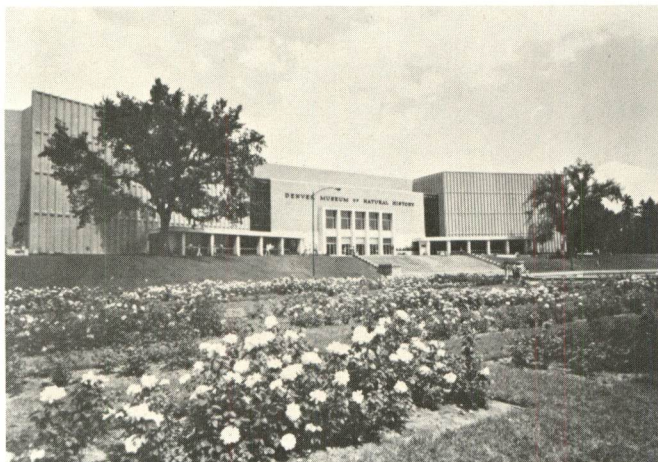
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THE SIGHTS OF DENVER

The city of Denver is one of the top visitor destinations in America today, and with good reason. The Mile High Metropolis has a vast number of historic, cultural, manmade and natural attractions within its confines, the majority of which are either completely free or very inexpensive.

Representative of the outstanding points of interest in Denver is the city's famed Museum of Natural History in City Park. Here you can wander among the fossilized skeletons of huge dinosaurs and prehistoric mammals; become acquainted with the artifacts and lifestyles of prehistoric men, American Indian tribes and Central and South American civilizations; or view sixty lifesize dioramas whose animals are so realistic you'd swear they were going to step out of the cases — all absolutely free. For a modest charge, you can also probe the mysteries of the solar system, galaxy and universe in the Gates Planetarium, located in the south wing of the museum.

On the north side of the Park, about a block from the museum, is the constantly expanding Denver Zoo. Spend a few hours with the lions, tigers and bears or in the new pachyderm or monkey



Boasting rare collections of fossil remains and one-of-a-kind dioramic displays, Denver's Museum of Natural History is one of the region's premier attractions.

house. There's a token charge for adults; children under sixteen get in free.

Banana trees in Denver? Yes indeed, along with other lush tropical vegetation, unusual plants and gorgeous flowers, the year 'round, at Denver's Botanic Gardens, 909 York St. Located a short distance from the Zoo and Museum, admission is free to all.

The soaring office buildings, commercial establishments and financial institutions that populate the downtown area and mark it as the economic hub of the region, belie the fact that the area is, in addition, a veritable sightseers paradise. One of the best ways to see all the points is to take a self-paced walking tour through the area.

Since it was gold and later silver that caused Denver's initial boom, it is only fitting that you begin the tour at the storehouse for nearly one-quarter of the nation's gold supply and manufactory of many of her silver coins — the U.S. Mint, on the corner of Colfax and Cherokee. The twenty minute, free tour, offered year 'round, will introduce you to the fascinating process whereby metal blanks become shiny new coins at the rate of twenty million a day.

A block east of the mint, at 14th and Bannock, is Denver's largest free standing sculpture — the Art Museum. Designed by architect Gio Ponti of Milan, Italy, the building resembles a futuristic version of a medieval fortress with its freely crenellated roof-line; delightful slit, rectangular, diamond and square win-

dows; and special 28-sided "skin," composed of nearly a million sparkling, pyramid shaped tiles that envelope the structure. Within the six story building you'll find a rich selection of art, from ancient to modern. It's open daily except Mondays and admission is free.

Adjacent to the Art Museum is Denver's Civic Center — a three-block expanse of lawns, gardens, statues and neo-classical pavilions — the perfect setting for picnicing or relaxing. Wandering through the Civic Center you will pass the Public Library with its vast collections, and come upon a striking wedge shaped building. This is the Colorado Heritage Center, the brand new home of the State Historical Society and Museum. Within its modern galleries are multi-media presentations and exhibits that give a marvelous sense of what it was like in Denver and Colorado back when the principal inhabitants were Indian tribes, trappers, traders and miners. The museum is open seven days a week and admission is free.

Crowning the hill that overlooks the Heritage Center is the impressive Colorado State Capitol building. Every molecule of its



The Denver Symphony in concert, under the stars, at famed Red Rocks Amphitheater, 15 miles west of downtown Denver.

massive bulk, except for the steel girders, is of Colorado origin. The outside walls are of Colorado granite; the grand staircase of milky, Yule marble; the interior walls of extremely rare Rose onyx in which the outlines of over a thousand famous people and objects can be seen; and the dome, plated with 24 carat gold. From the dome, reached by climbing a winding 93-step iron staircase, you get a stunning view of the metropolitan area and the mountains rimming the western horizon. On the way in or out of the building, pause on the thirteenth step of the west staircase — you are exactly one mile high.

Three blocks east of the Capitol, the roaring, raucous legend of "the Unsinkable" Molly Brown, Colorado pioneer and heroine of the Titanic disaster, lives on in her "House of Lions" at 1340 Pennsylvania St. From the stone lions and sphinxes guarding the entranceway, to the top floor ballroom, the house is a Victorian extravaganza that should not be missed.

In the blocks surrounding Molly's mansion are other pioneer palaces of cattlemen, agriculturalists and miners, known more for their extravagance than purity of architectural style. The Governor's Mansion, a fine old Georgian-styled structure at 8th and Logan may be visited at select times throughout the year, and the beautiful Classic revival style home of Denver brewer and philanthropist Adolph Zang, at 709 Clarkson, may be toured for a nominal charge.

Retrace your steps to the State Capitol and from there walk

three blocks north on Broadway to 17th, the "Wall Street of the West." Here mammoth banking, office and brokerage complexes dwarf the financial wizards and their clients in the streets below. Two blocks off 17th on Arapahoe St. is Sakura Square, Denver's Japanese Cultural Center. Here you can browse among shops or eat in restaurants that exude eastern charm and mystique.

Your next destination is Larimer Square, a block of Victorian buildings that house unusual shops, intimate restaurants and top entertainment spots at every turn. Located in the area where Denver began, at 15th and Larimer, the Square is unique among revival areas in that it was all privately financed.

Make your way from the Square to the Italtine Daniels and Fisher tower, a replica of the Campanile of St. Mark's in Venice, that looms a couple of blocks to the east. You'll find yourself on 16th St., the main shopping thoroughfare in the downtown area. Walking its length of enticing shops and department stores, you will again be in familiar territory, a short distance from the Mint and the starting and ending point of your tour.

If you're still rarin' to go after the walking tour, there's a lot more to see. How about a place where history's famous and notorious personages almost come to life? Alferd Packer, the Colorado cannibal, American presidents, notable ladies and famous western frontier figures are all waiting for you at the Historic Wax Museum, 919 Bannock St. Or how about a museum where you can see one of the world's finest collections of vintage automo-



Colorado's extensive network of "all weather" highways allows access to the high country year 'round.

biles; classic carriages, cutters and cycles; proud steam locomotives and antique airplanes? They are all on display at the labyrinthine Forney Transportation Museum at 1416 Platte St. Or maybe you'd like to leave Denver proper and see some of the suburban sites along the edge of the foothills.

Fifteen miles from downtown Denver is the town of Golden, the focal point for many attractions but probably most famous as the home of Coors Brewery. The brewery is open for free, year 'round tours which give visitors a chance to see how pure Rocky Mountain spring water is transformed into "America's Fine Light Beer."

Just north of Coors is another of the area's interesting attractions, the Colorado Railroad Museum, where old train buffs are guaranteed to lose their collective minds. Rail cars, locomotives and trolleys are all available for extensive inspection the year 'round.

The final resting place of Buffalo Bill Cody, reached via the tortuous Lariat Loop Trail road, is on top of Lookout Mountain, west of Golden. The frontier scout's grave and possessions may be visited daily all year.

Markers of a different sort stand in Red Rocks Park south of Lookout Mountain. Here, giant tilted sandstone blocks, remnants of the floor of an ancient sea, frame an amphitheater widely known for its perfect acoustics. It may be seen free of charge any day of the year, and during the summer months, evening con-

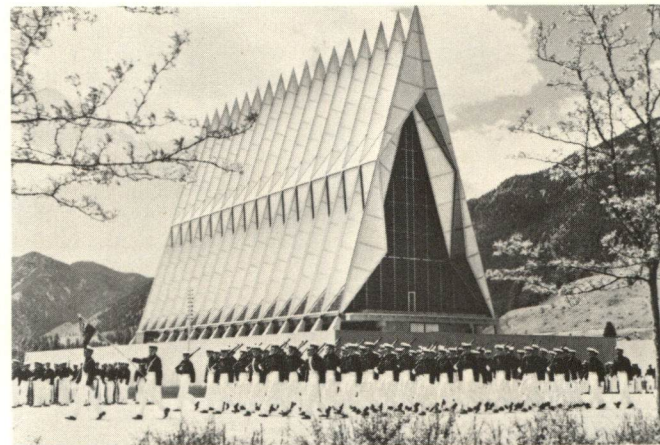
certs are held every few days.

Almost in the shadow of the Red Rocks Amphitheater is a unique artisan's marketplace and preserve of small shops and restaurants, known as Heritage Square. Here, visitors may buy handcrafted items, dine in out-of-the-ordinary surroundings, or even see an old time melodrama.

Twenty-seven miles northwest of downtown Denver is the city of Boulder, easily recognizable as the home of the University of Colorado by the uniform red tile roofed university buildings and the giant "C.U." painted high on one of the Flatirons — the huge jagged rocks that form a backdrop for the town. Because of the university and the scientific institutions that have located near it, some of which, like the National Bureau of Standards, offer free tours, Boulder is regarded as the educational and scientific focal point of the entire Denver Metro area. It is also, however, a key visitor destination with many recreational areas and three beautiful scenic drives.

A short distance from the town itself is the Eldorado Springs hot mineral water, public swimming pool. It is located right at the mouth of Eldorado canyon, one of the most popular and challenging rock climbing areas in the state. The Boulder Mountain Parks offer much in the way of lovely backcountry hiking trails and picnic spots and Boulder Reservoir is a prime gathering place for water sports enthusiasts.

No trip to Boulder is complete without taking at least one of the



One of the twenty-four squadrons that comprise the cadet wing, passes before the seventeen spired, glass and aluminum inter-faith chapel at the U.S. Air Force Academy near Colorado Springs.

scenic drives in the area. Twisting and turning up the steep slopes of Flagstaff Mountain, is a narrow paved highway that offers some sublime scenic views. From the top of the Mountain, Boulder is literally right below you, the peaks of the Front Range jab the sky to the west and the rolling plains spread to the eastern horizon like a lush carpet.

Equally beautiful is the winding trip up Boulder Canyon (Colo. 119) where again, intrepid climbers may be seen scaling the mammoth rock outcroppings that line Boulder Creek. Boulder Falls, one of the state's prettiest, is along the way, and the trip ends at the old mining town of Nederland.

The foothills highway (U.S. 36) offers unusual views of the plains and of Haystack Mountain, before joining the North St. Vrain River and winding up its beautiful canyon. Followed to the end, the canyon opens into a lush mountain valley wherein lies the town of Estes Park.

To help you enjoy fully the large number of sights and attractions in the Metro-Denver area, the Convention and Visitors Bureau of Denver/Colorado maintains three information centers stocked with visitor information and staffed with friendly people who are experts on the city and state. Before going out on the town, stop by the downtown center at 225 West Colfax Ave., the Airport Center, or the Bennett Center, 27 miles east of the city on I-70. ■

The Russian Question – Debate Continues

Jeffrey Beaton is a C-4 quadriplegic and a law student at the University of Virginia in Charlottesville. The following article represents Mr. Beaton's impressions of a law and medicine panel held on February 26, 1979, in the Caplin Auditorium at the University of Virginia sponsored by the Student Legal Forum.

Nearly thirty years ago, two University of Pennsylvania physiologists, William F. Windle and William W. Chambers, while studying the mechanisms of mammalian temperature control, injected pharmaceutical pyrogens (fever-producing drugs) into dogs with transected spinal cords. Surprisingly, one animal showed signs of spinal cord repair. At about the same time, Leslie W. Freeman at the University of Indiana did similar experiments in rats and also experimented with the enzyme trypsin which is used by the body to digest proteins. He also observed a few isolated cases that he interpreted as indicating spinal cord repair. Despite these encouraging first findings, the results of further experiments were extremely inconclusive; the problem seemed as far from solution as ever. The issue arose again in the early 1970's with the news that a Soviet scientist, L. A. Matinian of the Orbeli Institute in Armenia, was following up on the Windle-Chambers and Freeman experiments.

Matinian had been treating severed spinal cords with various pyrogenic preparations. Believing that the secret to regeneration lay in the prevention of scar forma-

tion, Matinian also used various depolymerizing enzymes such as hyaluronidase and elastase.

This work has recently received wide attention in vivid accounts by the press concerning Mr. Kent Waldrep's sojourn to the Polenov Institute in the USSR where he received Matinian's treatments.

Although these experiments appear impressive, they remain to be duplicated by neurophysiologists in this country as of this time. Unfortunately, Soviet publications concerning the treatment are somewhat oblique. All of this is tantalizing if not somewhat bewildering.

I

Conflicting press reports have led to confusion among members of the spinal cord injured community. Publicity surrounding Waldrep's Russian trip has prompted a barrage of others seeking the supposed "miracle cure." For instance, a Soviet press release for U.S. publication stated that Kent is able, with the help of special devices, to walk all over again. It adds that he is one of many patients of the Polenov Institute who have been put back on their feet after a lengthy period of paralysis.

Thus, despite pleas from organizations such as the **National Spinal Cord Injury Foundation** for the country's press to clarify the situation, Mr. Waldrep's condition has been grossly confused. To this end, Waldrep plans speaking engagements throughout the country. His appearance at

the University of Virginia on February 26, 1979, raised many of the important issues surrounding the Soviet treatment. Appearing with Waldrep were Dr. John Jane of the University of Virginia Medical Center; Dr. Carl Kao of the Georgetown University Medical Center; Mr. Bill Vodra, Counselor for the Food and Drug Administration; and Mr. Leonard Frank, Founder and President of Paraplegia Cure Research. The remainder of this article will discuss contentions by both Waldrep and members of the panel and present some conclusions that might be drawn from them.

II

As noted, the "miracle cure" which has inspired so much confusion has been grossly overrated. Waldrep readily admits that he did not receive a cure in the USSR but that he did receive hope. The consensus among American doctors, however, is that it is a false hope.

Prior to Mr. Waldrep's trip to the USSR, his neurological status could be classified as a C-7 quadriplegic. The original insult to his spinal cord was due to a compression fracture of the body of the fifth cervical vertebra with the body protruding posteriorly into the spinal canal. Waldrep's motor status included good biceps and deltoid power with some ability to extend the wrist on each side. He manifested sensory innervation to the thumb bilaterally.

Despite treatments in the Soviet Union, his neurological status remains the same. Mr. Waldrep does claim, however, to have return of sensory innervation in his lower back and extremities and increased proprioception. More importantly, perhaps, he believes that the enzyme treatment has led to increased bladder sensation.

According to Dr. John Jane, Waldrep's claims of increased sensory innervation are too subjective to make a substantial impact on U.S. opinion concerning the treatment. Although Jane believes that there will be a cure, he feels there definitely is no substance to the Russian treatments.

Doctors in the U.S., including Jane, have investigated the effects of the enzyme treatments. The conclusion that they are of little use in the treatment of spinal cord injuries is conservative at best. In fact, they may be worse than useless. They could be risky. The riskiness stems from the enzyme's ability to break down cellular tissues; hyaluronidase may eventually damage any healthy connective tissues and cause full-blown necrosis.

If the effect of the hyaluronidase is to inhibit formation of scar tissue, it may permit

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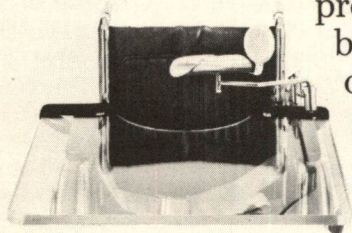


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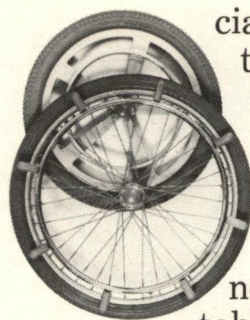
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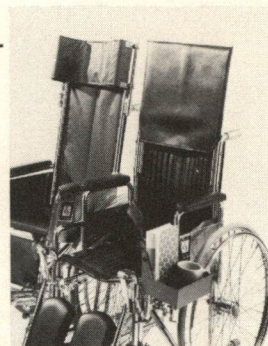
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completion of the neural circuit by regenerating individual nerve fibers. However, the rate of growth of intraspinal fibers is so slow that even a delay in the formation of scar tissue is not adequate enough to permit complete growth of a significant number of axons. It is necessary to somehow stimulate the growth of intraspinal axons to make the enzyme effective. To this end, the Soviets are using hyperbaric oxygen chambers to increase oxygenation in the injured area.

Mr. Vodra's presentation for the FDA made clear that the use of hyaluronidase is prohibited only in the treatment of spinal cord injuries. The drug is legally available for treatment in other areas. Vodra explained the conservative stance of the FDA by citing the example of diethylstilbestrol, which was widely publicized in the 40's and 50's as a drug which would help prevent miscarriage. Today, scientists have found that the drug is totally useless in the prevention of miscarriages and has been shown to cause cervical hyperplasia, a precursor to uterine cancer in the daughters of the women who took the drug. The role of the FDA, according to Vodra, is to determine that the beneficial effects of a drug far outweigh any possible ancillary effects.

Waldrep attaches particular importance to therapeutic exercises carried out in a vertical position on special crutches and splints. He claims that it may prevent the development of dystrophic processes and improve the condition of the peripheral nerve-muscle apparatus. The so-called walking which Waldrep did in the Soviet Union is carried out by pulling one unflexed leg after the other with the help of a therapist. Most doctors worldwide consider this type of walking to have no practical value when the amount of labor it consumes is considered.

Despite this appraisal of American — and world — experts on Soviet treatments, Waldrep presses on. At Virginia, Waldrep said he believes a wrong is being done at spinal cord centers where injured people go for rehabilitation. He said that rehabilitation centers don't tell patients about research being done. "It's like a conspiracy to keep them from finding out what's being done. If they find out, they might get some hope." Waldrep plans to start a centralized spinal cord research program which will make information available to the spinal cord injured. Neither Kao nor Jane endorse Waldrep's proposal for consolidation of scientific research.

Apparently Mr. Waldrep enjoys the adversarial position with the medical profession. That he is on the opposite side of American medical researchers is, however, a fiction which he has created. Waldrep's comments prompted the chairman of the American Medical Association Board of Trustees, Robert Hunter, M.D., to write a letter assuring him: "You do not have to feel you are in a fight with the American Medical Association. You have nothing but our wishes for recovery . . . The doctors of America wish you well and regret your injury."

III

American medicine is generally regarded as the best in the world for emergency and rehabilitative care of spinal cord injuries. We must admit, however, that it is a somewhat limited art.

Research is being conducted at various sites around the country. The most promising areas include regeneration of nerve fibers through chemical stimulation, transplantation of peripheral nerve tissues into the damaged area, and amplification of residual signals in the damaged spinal cord. Some researchers are trying more than one approach.

Dr. Carl Kao's investigations into the possibility of peripheral nerve transplants into the damaged areas of the spinal cord are among the most exciting experiments being done today. A recent Congressional report advocated considerable increased funding for Dr. Kao's work. Kao himself believes that his and other laboratories may be very close to a major breakthrough in his research.

On the other hand, Mr. Leonard Frank called the state of the art in the U.S. "an utter disgrace." He pointed out that the Federal Government spent about \$5 million on research for spinal cord injuries in fiscal 1977. He added that that was less than the amount spent to repair the Senate parking lot in the same year. Mr. Frank's comments appear to be more inflammatory than useful.

IV

Waldrep's appearance at the University of Virginia has helped considerably to clear the confusion surrounding his controversial treatments. Hopefully, Mr. Waldrep and U.S. researchers will continue to disseminate pertinent information concerning a cure for spinal cord injuries as it becomes available. Nevertheless, one must appreciate that scientists require a freedom of inquiry for the free flow and development of ideas. Only in such an environment will basic science flourish. Researchers are motivated by a desire to improve the condition of the paraplegic, but the paraplegic must recognize the complexity of the area. A scientist could easily spend his entire life on this problem without finding the answer. There must be understanding on both sides; paraplegics must respect the scientific approach, while researchers must understand the urgency felt by the spinal cord injured. There must be a continuing dialogue between the two communities if a cure for this debilitating condition is to be found. ■

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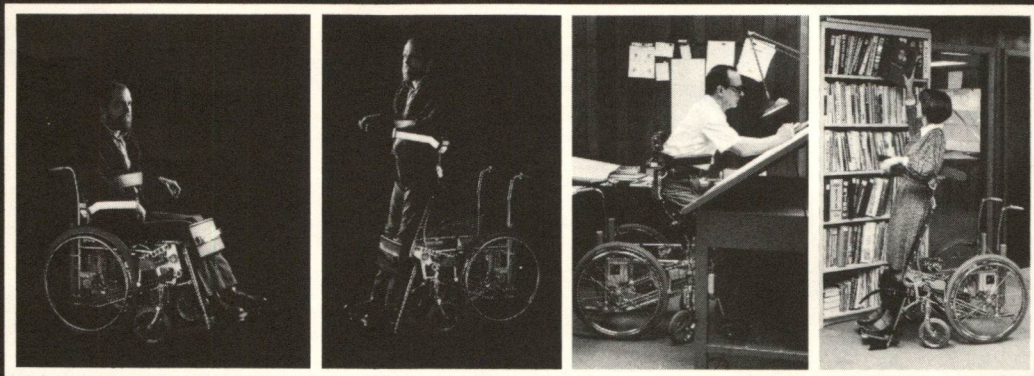
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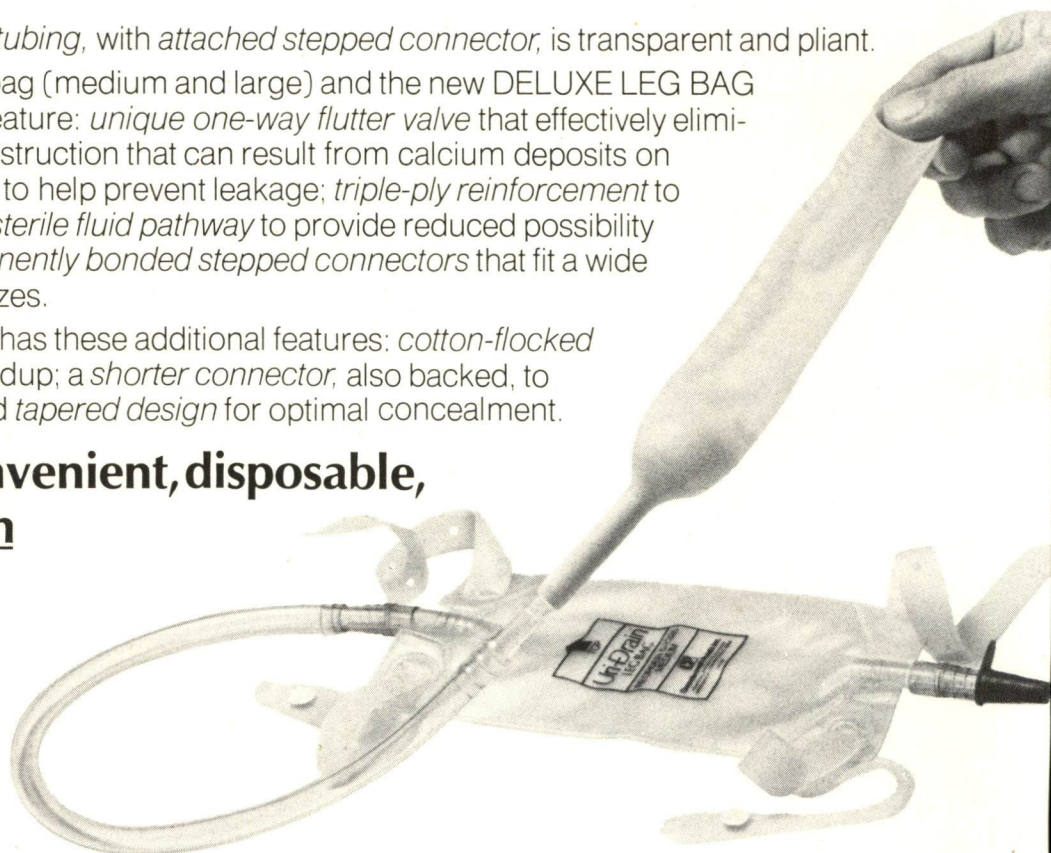
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In *A Common Cord*, The **Maine Chapter** reports the launching of a program of Prevention Education. **Bob Brayton** of Alert Ambulance Service and Resource Coordinator **Steve Tremblay** made up the initial team and have already covered two high schools with audiences of about 300 students. Steve, disabled from a spinal cord injury, provides introductory remarks; Bob discusses safety techniques and practices; and the movie "*Changes*" (produced at Craig Hospital in Denver) graphically depicts the results of spinal cord injuries. The chapter is seeking more presenters and more audiences.

The twenty-year-old **Mountain States Chapter** (now a state chapter) is busily preparing to host the 1979 annual Foundation Convention assisted by the unique talents of **Para-Pete**. Preliminary convention schedules indicate that there will be a lot of business sessions, but also a lot of extracurricular activities taking advantage of Denver's and Colorado's special man-made and natural resources. At the same time, the chapter is enjoying the presence of the **Rocky Mountain Regional Office of the Foundation** and its staff headed by **Joanne Taggie**. Other staffers in the new office are **Cathy Lewis**, **Chris McKinnon**, and **Stephen Springer**. Projects under way or planned are case consultation services, professional education programs, fund raising activities, and publication of a **Rocky Mountain Regional Directory**.

The **Mountain States Chapter** and the **Rocky Mountain Regional Office** welcome you all to Denver for the best convention yet!

The following *Message from the President* appeared in the first issue of the **New Hampshire Chapter's** Newsletter.

Dear members and friends:

As your president, I thought I might write about all the wonderful things we have accomplished during our brief history, but you know of this I am sure already. So instead I want to tell you about a conversation I had with **Elmer Bartlets** at a meeting this winter. Most of you know Elmer. He has, after breaking his neck in college, become the Massachusetts Rehabilitation Commissioner. I think I was complimenting him on the strong, aggressive approach he had to both life and work. Elmer said that he felt that the worst thing that could ever happen to him had already happened, so he felt he could try his very best without fear.

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This is the kind of thing I see happening in the chapter. We are going about our business, quietly, with determination, and with concise goals and objectives in view. A lot of our members are working hard, but they need "help."

You, the members, are earning respect. Now respect is an unusual thing. You cannot demand it. You cannot be a holder of it unless you are worthy of it, and you must have respect for yourself before you can earn it. Most importantly, once you have earned respect it cannot be taken away from you.

Oh, yes, you can lose it, but only through your actions or lack of actions. This earning of respect is from my viewpoint the most important accomplishment we have made to date, and for this I sincerely compliment you.

Cheers and keep the faith!
Roy Mims (President)

Northwest Newbraska

By B. B. Colby

A little less than a year ago a delegation from the **Mountain States Chapter** (headed by **Para-Pete**) passed through here on its way to the convention in Chicago. The visit was memorable because this is about the only part of the **Foundation** that has ever really shown the **Northwest New-**

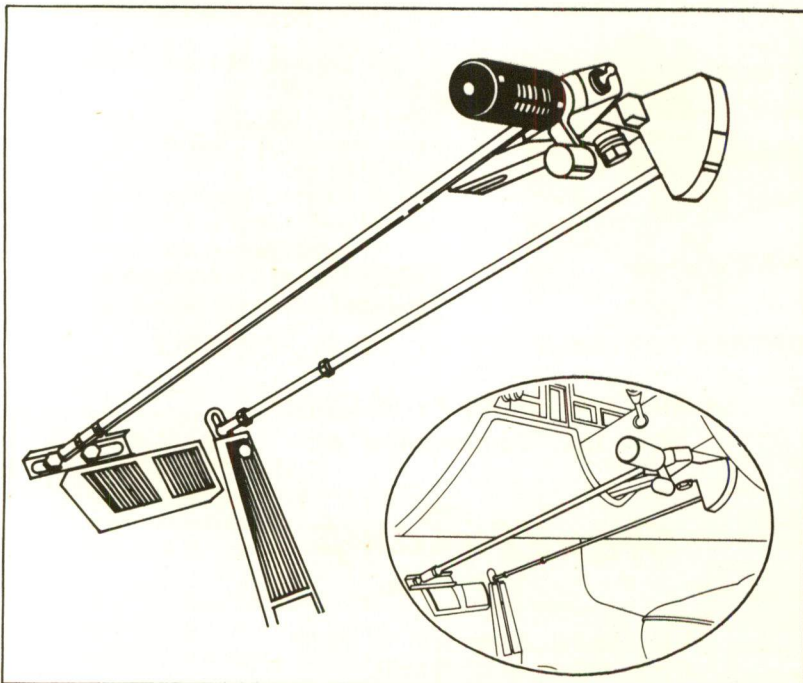
braska Chapter either friendship or hospitality. Some say this is because they are the only people who really know us. Others suggest it is because they don't know us as well as they think they do. In any event, we are hard at work planning to come to the convention in Denver with a large delegation.

Because our Rocky Mountain hosts have been so friendly, we will try very hard to avoid some of the problems incurred in the past. We will not board in the hotel but will establish a number of base camps surrounding the hotel at discreet distances. One will be in the City Park; another in the Aurora Mall; a third at Lowry Air Force Base; and a final camp in Last Chance for those of our members unaccustomed to big cities. The I-70 underpass at the airport was considered because it offered excellent shelter but seemed slightly crowded by a highly mobile and too numerous populace.

We want people to understand us better so we will have a cultural exhibit at the convention hotel featuring our dependence on buffalo, cattle, horses, and sheep (with live specimens). A special feature will be the hanging of a horse thief if we have one available at the time. We are hoping to catch one in a wheelchair to demonstrate our total lack of discrimination in civic affairs.

Finally, our people are nothing if not generous. As a special demonstration of our giving and self-sacrificing nature, we will offer our entire delegation of 42 hardy westerners to replace the entire Board of Directors. ■

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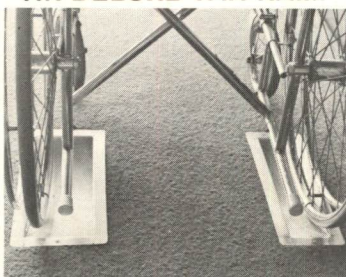
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Legislative Scoreboard*

**Editor's Note: Selections are from memorandum April, 1979, issued by President's Committee on Employment of the Handicapped.*

Highlights On The Federal Scene

Office Of Personnel Management (Formerly Civil Service Commission)

President Carter, by Executive Order, amended the Civil Service rule governing competitive status appointments. A new subsection was added providing that competitive status without competitive examination may be acquired by physically handicapped and mentally retarded Federal employees upon satisfactory completion of two years of service in an expected position.

In the past, a severely handicapped applicant could be appointed in the Federal service under a special "Schedule A" authority without competing in an examination. The applicant's disabilities were matched with the tasks and work environment of a specific position. These non-competitive appointments could be continuing, but lacked the benefits of permanent career employment.

Under the new ruling, the employing agency must make recommendations for the conversion under prescribed OPM requirements. (E.O. 12125 — March 15, 1979)

Department of Transportation

Secretary Brock Adams has proposed a new ruling concerning transportation for the disabled. All new subway stations and buses purchased with Federal funds must be fully accessible. One-third of the existing inaccessible subway stations are to be refitted with elevators within the next 12 years, or alternative transportation service must be provided for the disabled.

This new proposal represents a compromise from last year's requirement that all existing transportation facilities were to become accessible within five years. It also requires key stations in commuter rail systems to be made fully accessible, as well as all new cars for trolley terminals.

The proposal additionally requires at least one Amtrak station in each metropolitan area and airports that have commercial airline service to provide facilities for the handicapped.

The Department will begin accepting contract bids for the controversial new low-floored accessible "Transbus" on May 3.

Proposed Legislation Pertaining To The Handicapped

In the House of Representatives

Architectural and Transportation Barriers

By Congressman Roe (N.J.): H.R. 3083 — A bill to provide income tax incentives for the modification of certain facilities so as to remove architectural and transportation barriers to the handicapped and elderly. (Ref. Committee on Ways and Means)

By Congressman Pursell (Mich.): H.R. 3204 — A bill to condition the approval of Federal highway aid projects in a State on the establishment by that State of a system of identification and penalties for use in reserving parking spaces for motor vehicles

used by handicapped individuals. (Ref. Committee on Public Works and Transportation)

Health

By Congressman Pepper (Fla.): H.R. 2564 — A bill to provide health and social services in a congregate setting in federally assisted housing projects for the elderly and handicapped. (Ref. Committee on Banking, Finance and Urban Affairs)

By Congressman Markey (Mass.): H.R. 3053 — A bill to provide for demonstration programs for the placement, by hospitals and by certain other qualified agencies, of

certain elderly or disabled long-term care patients with foster care families. (Ref. Committee on Interstate and Foreign Commerce)

Social Security

By Congressman Pickle (Tex.) and Congressman Archer (Tex.) by Request: H.R. 2854 — A bill to amend the Social Security Act to target expenditures for disability insurance benefits in a manner more specifically directed to achieve the purposes of the program and to remove certain disincentives for disabled beneficiaries to engage in gainful activity . . . (Ref. Committee on Ways and Means). (This proposal was made in a communication to the Congress from the Secretary of Health, Education, and Welfare and was referred to the Committee on Finance in the Senate and the House Committee on Ways and Means.)

Tax Incentives

By Congressman McKinney (Conn.): H.R. 2347 — A bill to amend the Internal Revenue Code of 1954 to provide an income tax credit for any individual who performs voluntary service for any organization engaged in the treatment, care, or rehabilitation of the physically handicapped or the mentally ill. (Ref. Committee on Ways and Means)

By Congressman Rangel (N.Y.): H.R. 3068 — A bill to amend the Internal Revenue Code of 1954 to allow handicapped individuals a credit for certain transportation expenses. (Ref. Committee on Ways and Means)

In The Senate

By Senator Williams (N.J.) and eight Cosponsors:

S. 446 — A bill to amend title VII of the Civil Rights Act of 1964 to prohibit discrimination against individuals because they are handicapped . . . (Ref. Committee on Human Resources)

This bill pertains to employment in the private sector, as opposed to contracts and grants covered by Federal antidiscriminatory legislation.

The measure would amend the Act by the insertion of the words "handicapping condition" in specific sections in Title VII. The definition of "handicapping condition" would be adopted from the Rehabilitation Act of 1973, as amended: "the status of an individual who (a) has a physical or mental impairment which substantially limits one or more of such person's major life activities; (b) has a record of such impairment; or (c) is regarded as having such an impairment."

By Senator Inouye (Hawaii):

S. 466 — A bill to require that skilled nursing homes furnishing services under the medicare and medicaid programs be adequately equipped with wheelchairs and other appropriate equipment and supplies. (Ref. Committee on Finance)

Mr. Inouye again introduced this measure which will improve the services provided in nursing homes receiving federal reimbursements. It will eliminate the severe lack of wheelchairs and other equipment which confines many patients to beds resulting in limited mobility and activities for such patients.

By Senator Ribicoff (Conn.):

S. 510 — A bill to establish a Department of Education . . . (Ref. Committee on Governmental Affairs)

By Senator Dole (Kans.) and seven cosponsors:

S. 591 — A bill to amend title XVI of the Social Security Act with respect to presumptive disability, earned income in sheltered workshops, benefits for individuals who work despite a severe medical impairment, and the exclusion of certain work expenses in determining substantial activity. (Ref. Committee on Finance)

In a prepared statement, Senator Dole cited some of the legal and financial barriers currently faced by severely handicapped SSI recipients who wish to return to work. In particular is the "substantial gainful activity" level (\$240 monthly) which prevents many handicapped persons from living independently. S. 591 would allow disabled persons to continue receiving cash benefits even after their earnings reach the SGA level and until earnings reach \$443 per month.

The bill also provides that once a person is on the SSI rolls and leaves to seek employment, that person can be considered presumptively disabled if he later finds it necessary to quit his job and go back on SSI.

Also, earnings received in sheltered workshops and work activity centers would be deemed as earned income rather than unearned for purposes of determining eligibility and benefit levels for SSI.

Medicaid benefits would be continued to certain handicapped persons whose earnings surpass \$443 per month. This provision would aid the handicapped person who is able to work but who continues to have high medical expenses which cannot be covered out of his income.

Finally, the bill would allow an individual who because of his disability requires assistance in order to work, to disregard costs of attendant care and certain medical devices

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National Spinal Cord Injury Foundation By-laws require that the **Foundation** will hold a regular Annual Meeting at such time and place as the Board of Directors may determine and that notice thereof shall be mailed at least 30, but no more than 40, days prior to meeting time.

Accordingly, this will serve as official Notice of Annual Meetings to be held as follows:

9:00 A.M., Monday, August 6, 1979
9:00 A.M., Tuesday, August 7, 1979
9:00 A.M., Wednesday, August 8, 1979
9:00 A.M., Thursday, August 9, 1979

All meetings will take place in the Stouffer's Denver Inn, Denver, Colorado.

————— Legislation —————>

and equipment in the determination of SGA.

Costs of this bill are estimated at \$5 million in FY 1980 and \$11 million in FY 1981.

By Senator Williams (N.J.) and nine co-sponsors:

S. 593 — A bill to amend section 202 of the Housing Act of 1959 to extend the program to provide housing for the elderly or handicapped. (Ref. Committee on Banking, Housing, and Urban Affairs)

This bill would reauthorize the program for another three years. The section 202 program provides low-cost Federal loans to nonprofit organizations for building specially designed rental housing for elderly and handicapped individuals with modest incomes.

By Senator Bayh (Ind.) and for Senators Hatfield (Ore.); Randolph (W.Va.); and Cohen (Me.):

S. 597 — A bill to provide that polling and registration places for elections for Federal office be accessible to physically handicapped and elderly individuals . . . (Ref. Committee on Rules and Administration)

Previously introduced in the 95th Congress, the legislation would require the Attorney General, in consultation with the Secretary of HEW, to set standards for all polling places used in Federal elections which would assure access to such facilities for elderly and physically handicapped voters. All polling and registration places would be located in a building or other facility which provides access, by ramp or otherwise, to individuals in a wheelchair. If such is not available, the state or local jurisdiction would be required to provide alternative methods of voting.

For those persons unable to use a conventional voting machine, paper ballots would be made available. Blind and other voters with difficulties would be allowed to designate an individual to assist them.

By Senator Mathias (Md.) and for Senator Stafford (Vt.):

S. 602 — A bill to amend the Internal Revenue Code of 1954 to modify the credit allowed for expenses for household and dependent services necessary for gainful employment to include credit to individuals for expenses for the care of a mentally or physically handicapped child of such individual; and to provide for the exemption from taxation of trusts established to provide care for such children except to the extent of distributions and to provide a de-

————— P. 27 —————>



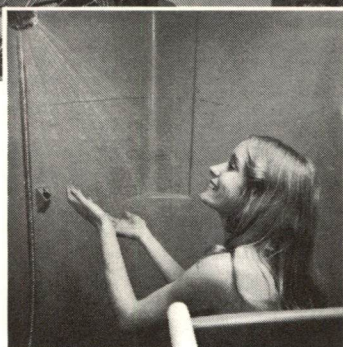
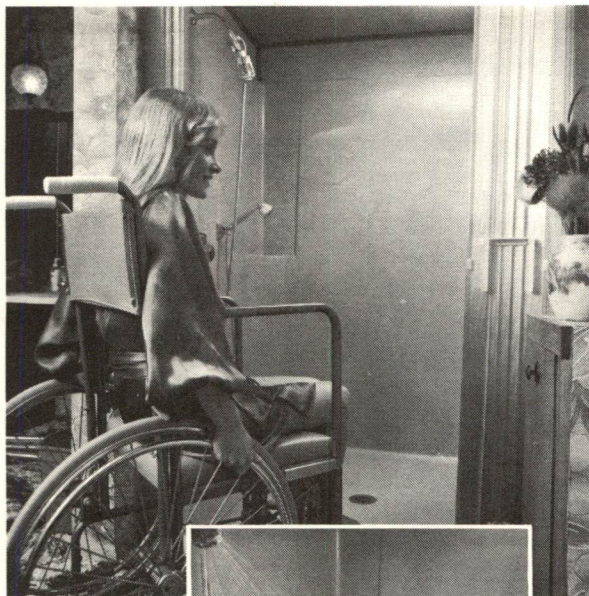
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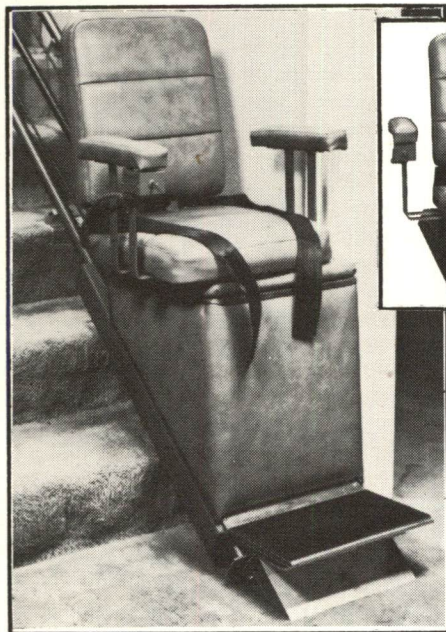


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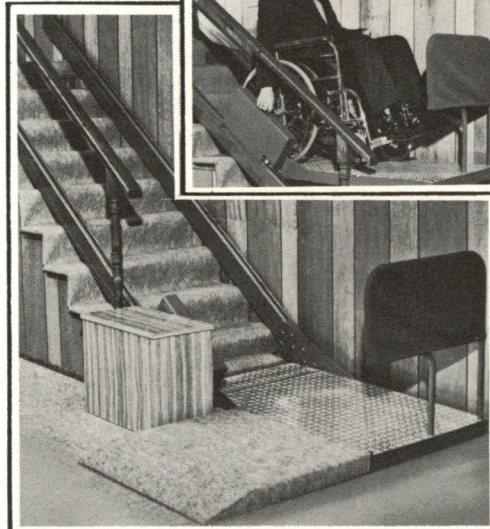
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NEWS BRIEFS

Self-Help Clothing for Children Who Have Physical Disabilities is the subject of a newly-revised booklet published by Eleanor Boettke Hotte, professor emerita at the School of Home Economics and Family Studies at the University of Connecticut. It is available from the National Easter Seal Society, 2023 West Ogden Avenue, Chicago, IL 60612 for \$1.50 plus 75¢ for postage and handling.

★ ★ ★ ★

The **Hiawatha Valley Chapter** advises that *Access Rochester* (Minnesota) is now available from their office at Box 136, Rochester, MN 55901. The editor has seen the guide and believes it to be one of the most comprehensive ever published. Preparation of the guidebook was made possible by a CETA grant and printing costs were partially defrayed by Community Development Block Grant funds.

★ ★ ★ ★

Affirmative action brochures are available on Section 503 of the Rehabilitation Act of 1973 and Section 402 of the Vietnam-Era Readjustment Assistance Act of 1974 as follows.

For consumers: *There Oughta Be a Law — There is*

1. *A Basic Guide to Affirmative Action Programs*
2. *Job Accommodations for Handicapped Workers*
3. *Accessibility Requirements Under the Regulations*

4. *The Complaint Process*
5. *Protections for Workers with Hidden Handicaps*

For federal contractors:

1. *The Federal Contractor's Guide to Affirmative Action Programs*
2. *The Federal Contractor's Guide to Job Accommodations*
3. *The Federal Contractor's Guide to Accessibility*
4. *The Federal Contractor's Guide to the Complaint Process*
5. *The Federal Contractor's Guide to Hidden Handicaps*

Brochures are available in single copies or as a series. Postage is charged as follows: 1 copy free; 2-5 copies, 50¢; 5-25 copies, \$1.00; over 25 copies, write publisher. Available from Mainstream, Inc., 1200 15th Street, N.W., Washington, D.C. (202) 833-1136.

★ ★ ★ ★

August 1, 1979, is the deadline for entries in the 16th Annual Sister Kenny International Art Show by Disabled Artists. For further information contact: Sarah Ahern, Sister Kenny Institute, Chicago Ave. at 27th Street, Minneapolis, MN 55407, (612) 874-4126 or 874-4205.

★ ★ ★ ★

The National Center for a Barrier Free Environment has announced the publication of *Accessibility Assistance*, a national directory of consultants on environments for handicapped people. The 186 page directory is available for \$3.25 prepaid (\$4.25 if billed) from the National Center for a Barrier Free Environment, Seventh and Florida, N.E., Washington, D.C. 20002.

A new publication titled *What Happens After School? A Study of Disabled Women and Education* relates the experiences of six disabled women, contains a resource list of publications and organizations, presents guidelines for the representation of exceptional persons in educational materials, and summarizes laws related to education and the disabled. The illustrated book is available for \$3.50 (prepaid) from WEECN, Far West Laboratory, 1855 Folsom Street, San Francisco, CA 94103.

★ ★ ★ ★

Self-Help Groups in Rehabilitation, a new book published by the American Coalition of Citizens With Disabilities (ACCD), gives an insider's view of the disability rights movement in America, its philosophical underpinnings and its political implications. It was written by Rita A. Varela, ACCD's special projects manager and is available for \$1.25 (postage and handling) from ACCD, 1346 Connecticut Avenue, N.W., Washington, D.C. 20036.

★ ★ ★ ★

The MS Newsletter is about multiple sclerosis and covers information on research, nutrition, legislation, physical therapy, services available to the patient, travel, entertainment, etc. It is published quarterly and is available for \$4.00 (\$5.00 in Canada and Mexico) from The MS Newsletter, P.O. Box 2215-N, Santa Maria, CA 93456.

★ ★ ★ ★

A 16mm film titled *Consequences* combines breathtaking scenes of hang-gliding, surfing, diving, auto racing, climbing, skiing and other adventure sports with comments from spinal cord injured persons. They have experienced the thrill of these sports and discuss why they were injured and the changes in their lives. The film encourages participation in these sports but emphasizes learning limitations, respecting them, and recognizing the risks. In charge of production was Barry Corbet, a paraplegic. For information please write Crystal Productions, Airport Business Center, Box 11480, Aspen, CO (303) 925-8160.

★ ★ ★ ★

The 1979 *Publications Catalog* of the National Easter Seal Society lists 15 categories with over a hundred titles. For information write the National Easter Seal Society, 2023 West Ogden Avenue, Chicago, IL 60612.

★ ★ ★ ★

Entries are being accepted for the first *National Exhibit of Disabled Artists* sponsored by the Moss Rehabilitation Hospital in Philadelphia. The exhibit dates are Sep-

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Cheney. Because Carol loves this house.

Time was, Carol would climb these stairs twenty, even thirty times a day and think nothing of it. But that was before her illness. She could get along fine in a one-story house, but that would mean moving. And besides, she loves this house. A *Cheney Wecolator™* solved Carol's problem by letting her ride from floor to floor quickly and comfortably. As the first stairway elevator to be UL-listed, it's virtually maintenance free. Designed for use on any curved or straight stairway, it can be installed in just a matter of hours. Before you buy or rent any stairway elevator, call or write for more information on the complete line of *Cheney Wecolators, Wheelchair Lifts and Wheelchair Van Lifts.*

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tember 10-20 at the John Wanamaker Department Store in center-city Philadelphia and submission deadline is August 1. For information contact Lois Levy, Moss Rehabilitation Hospital, 12th Street and Tabor Road, Philadelphia, PA 19141 (215) 329-5717.

★ ★ ★ ★

Access to America is "A Compendium of Federal and State Legislation Pertaining to the Removal of Environmental Barriers Affecting Persons With Mobility Limitations." The original 1976 version and a 1978 Update are available at \$15.00 each from the Michigan Center for a Barrier-Free Environment, 6879 Heather Heath Lane, West Bloomfield, MI 48033.

★ ★ ★ ★

Sexuality and Disability is a new journal devoted to the study of sex in physical and mental illness including spinal cord injury, cerebral palsy, epilepsy, neurological disorders, mental and learning disabilities, and psychiatric disabilities. \$35.00 to Institutions; \$15.00 to individuals. Editorial correspondence to: Ami Sh'ked, Editor,

Sexuality and Disability, Purdue University School of Science, 1201 E. 38th St., Indianapolis, IN 46205; subscription queries to: Human Sciences Press, 72 Fifth Ave., New York, NY 10011.

★ ★ ★ ★

There is a new cook book titled *Recipes and Cooking Hints for Brides and Other Handicapped People*. The author, Imogene Dickey, was left paralyzed, with limited use of her hands after an auto accident. Mrs. Dickey offers practical suggestions for functioning in the kitchen and provides simple recipes for some very tasty meals. See the classified ad in this issue for details on obtaining a copy of this handy book. ■

Legislation

duction for contributions to such trusts. (Ref. Committee on Finance)

By Senator Javits (N.Y.) and for Senators Stafford (Vt.); Chafee (R.I.); Schweiker (Pa.); and Hayakawa (Cal.):

S. 603 — A bill to amend title XIX of the Social Security Act to provide that States

may include coverage under medicaid for individuals who perform substantial gainful activity despite a severe medical disability. (Ref. Committee on Finance)

At present most disabled persons earning more than \$240 monthly are considered legally not disabled and ineligible for any medicaid services. This forces some individuals to choose between working or not working to retain eligibility for life sustaining services and medical needs.

By Senator Sasser (Tenn.):

S. 752 — A bill to require that the National Railroad Passenger Corporation establish a reduced fare program for elderly and handicapped individuals. (Ref. Committee on Science and Transportation)

In a statement, Mr. Sasser pointed out that Congress needs to prod Amtrak into setting up a special fare program for the handicapped and elderly.

"This would," he said, "effect energy savings by encouraging people to utilize the train, thereby reducing fuel costs; reduce pollution in the country as gasoline use is decreased; and reduce the barriers to full participation in society of the elderly and handicapped . . ."

The legislation is referred to as the "Elderly and Handicapped Individuals Transportation Act of 1979." ■

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Report of Nominating Committee

The following persons are presented by the Nominating Committee to fill 14 available positions on the Board of Directors that will be vacant at convention time. Those persons eligible to vote are asked to study the list and be prepared to vote at the Annual Meeting of Members.

Karl W. Beck, Clearwater, FL (D)

Manager — Braun Corp.

Previously served:

National: Board of Directors

Local: Treasurer, Wheelchair Awareness Area V.P. Florida Council of Handicapped Organization
B.O.D. of Spinal Cord Injury Halfway House
B.O.D. of Sunshine Wheelchair Athletic Association
Treasurer, Tampa Bay Suncoasters (Wheelchair Basketball Team)

***David R. Boyd, M.D.C.M.**, Hyattsville, MD (AB)

Director, Division of Emergency Medical Services

Previously served:

National: Board of Directors

Local: Support programs within EMS Systems for the pre-hospital and rehabilitation for the spinal cord injured patient under P.L. 93-154, the Emergency Medical Service Systems Act of 1973

Joseph Chamberlain, Fern Park, FL (D)

United Cerebral Palsy of Central Florida

Previously served:

Local: Architectural Barriers Committee, Chairperson, Del. Easter Seal Society; President, Diamond State Chapter, National Spinal Cord Injury Foundation; Policy Development Committee member Federal funded project De. St. Dept. of Public Instruct.; Campaigner for legislation benefiting the Handicapped State, County, City levels; Member, National Delaware Rehabilitation Assoc., Am. Rehab. Counselors Assn., NSCIF, Nat. Easter Seal Soc., Nat. Wheelchair Athletic Assn., AM Radio Relay League

***Arthur J. DeBlois, Jr.**, Pawtucket, RI (AB)

DeBlois Oil Company — Chairman of the Board

Previously served:

National: Board of Directors

Local: Vice President, Member of Board of New England Spinal Cord Injury Foundation

***Tom Deniston**, Albuquerque, NM (D)

Paralyzed Veterans of America, National Vice President

Previously served:

National: Board of Directors

Local: President of local chapter of National Spinal Cord Injury Foundation; Member of Disabled American Veterans; Member Boy Scouts of America; Council Committee on Handicapped Scouting chairman; Member of Wheelchair Pilots Association; Member, Toastmasters International; Member, Albuquerque City Commission on the Handicapped.

***Leslie L. Gale**, Birmingham, AL (AB)

Spain Rehab. Center — Physician's Assistant to Medical Director

Previously served:

National: Board of Directors

Local: Board of Directors of local chapter of the National Spinal Cord Injury Foundation; Founding Board of Directors of Alabama Wheelchair Sports, Inc.

***William A. Messore**, Providence, RI (AB)

Vocational Rehabilitation — Supervisor

Previously served:

National: Board of Directors

Local: Executive Board of New England National Spinal Cord Injury Foundation; A founder of the Paraplegia Association of Rhode Island; Coach of the PARI Rhode Runners Wheelchair Basketball team

***Frank Musinsky**, Weston, MA (D)

SCOA Industries, Inc. — Advertising Executive

Previously served:

National: Board of Directors

Local: Chairman, fund raising committee for National Wheelchair Marathon; current advisor on general matters connected with fund raising, public relations National Spinal Cord Injury Foundation

***Robert W. Samuels**, Wayland, MA (P)

W. R. Grace Co. — President Polyfibron Division, Corporate Vice President

Previously served:

National: Board of Directors

Local: Board of Advisors, New England Spinal Cord Injury Foundation; Vice-President New England Spinal Cord Injury Foundation

***Myron I. Swatt**, North Miami Beach, FL (D)

Encore Service Systems of Florida, Inc. — Secretary/Treasurer

Previously served:

National: Board of Directors, Member of Executive Committee

***Charles Van Diviere**, Brunswick, GA (D)

Van Diviere Oil Co. — President

Previously served:

National: Board of Directors; Member of Executive Committee

Charles M. Ellis, Salem, NH (D)

Butler Service Group — Draftsman

Previously served:

Local: 1st Vice-President Granite State Chapter; Member Advocacy Comm., State Chapter

Walter Kremer, Dayton, OH (P)

Walter Kremer Insurance Agency, Inc. — President

Previously served:

Local: Member National Spinal Cord Injury Foundation, OKI Chapter; P.C.R. Board of Directors

Esther Littell, E. Greenwich, RI (D)

Currently not employed

Previously served:

Local: President — Paraplegia Association of Rhode Island; Board member, New England Spinal Cord Injury Foundation; Board member and Secretary, New England Regional Advisory Board; Chairperson of Architectural Barriers Committee of PARI; Chairperson, Barrier sub-committee, Governor's Committee on Employment of the Handicapped

Jim Nation, Ft. Wayne, IN (D)

Currently not employed

Previously served:

Local: President, Northeast Indiana Chapter; Member, Mayor's Voluntary Participation Council, City of Ft. Wayne; President, Handicapped Advisory Board, Parks Dept., City of Ft. Wayne; Co-Chairman, Ft. Wayne Futures, Environment Task Force; Advisory Committee, Ft. Wayne Schools

Steve Wrbanich, Minneapolis, MN (D)

National Handicap Housing Inst. — Director

Previously served:

Local: Past President, Twin Cities Chapter National Spinal Cord Injury Foundation; Executive Director, Twin Cities Chapter; Vice President, United Handicapped Federation; Member of The Metropolitan Transit Commission Advisory Committee on the Handicapped; Delegate to National Conventions.

***Sharon Wilkin**, Vienna, VA (D)

Dept. of Labor — Employment Opportunity Specialist

Previously served:

National: Board of Directors and Executive Committee, National Spinal Cord Injury Foundation
Local: Various offices in local chapter including president, newsletter writer; spoken to nurses, M.D.'s, O.T.'s, P.T.'s and student groups on rehab of S.C.I.

Biographical information on the following people was not available at press time but will be ready and available before election time.

Robert Birch

Everest & Jennings — Vice President-Marketing
Los Angeles, CA

Charles McCabe

Manufacturers Hanover Trust — Vice President

William Sullivan

New England Patriots — President

Paul Cheremeta

Paralyzed Veterans of America — Vice President

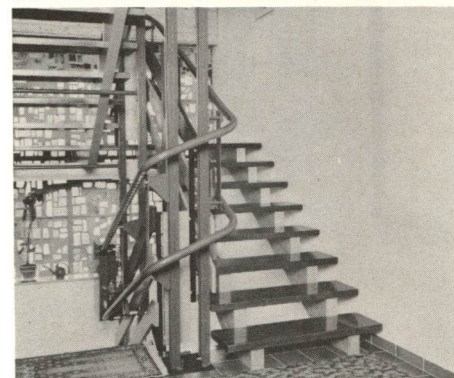
Notes:

D — disabled
P — parent of disabled child
S — spouse of disabled
AB — able-bodied

* — currently serving board time which is about to expire.

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The elevator is ideal in private houses, including split level dwellings, and also in public buildings such as schools, churches, hospitals, community centers and others. In these, the cost of an installation is well under that of an orthodox vertical lift elevator.

Although designed for carrying people together with their wheelchairs, it is also ideal for other people restricted in movement by other infirmities, and for carrying household supplies or other effects.

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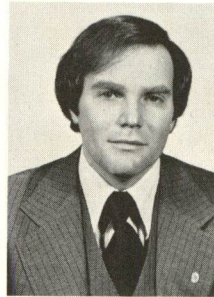
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Marquis speaks out



By Bruce Marquis

The Annual Convention of the **National Spinal Cord Injury Foundation** is one of its most important programs. Programs are defined as those activities which are service related with respect to the needs of people with spinal cord injuries.

The three major service elements of our organization's convention are:

- (1) providing education and training to our membership and to our staff,
- (2) educating providers of service about the needs and abilities of individuals with spinal cord injuries as well as the most appropriate means of assuring comprehensive and integrated care, and
- (3) involving the constituency of the **Foundation**, which is made up of those with spinal cord injuries as well as their families and professionals in the field, in the decision-making process about the programs and functions of the **Foundation**.

All of these activities, when coordinated into the rational framework of the convention program, have a significant impact on improving the lives of the 400,000 Americans who have experienced spinal cord injury through trauma or disease.

This year's convention (August 5-9 in Denver) has a very exciting and outstanding program to offer. Through the very able leadership of Dr. John Young, who chaired the program committee, a well-rounded schedule of provider and consumer programming is in store for those people who attend and participate.

Special attention will be given the issues raised with respect to treatment and the potential for cure in the Soviet Union. A panel discussion on Thursday afternoon will focus on the actual results of treatment given three American males who traveled to the Soviet Union during the past three years. The membership of the **Foundation** will then be able to question these individuals and others in order to ascertain for themselves what the potential may be in the USSR.

The Thursday morning program will deal with a comprehensive and integrated system of care for spinal cord injuries in the United States. Individual presentations will cover emergency service programs, the National Spinal Cord Injury Data Research

Center, services provided through the Rehabilitation Services Administration and the Veterans Administration, and an update on modern methods of case management.

A critical part of the system of care for individuals with spinal cord injuries is, of course, the area of independent living rehabilitation programs. Wednesday will be fully devoted to this area of concern. Commissioner Robert Humphreys of the Rehabilitation Services Administration will provide the keynote address. The day's program will be chaired by Lex Frieden of the Texas Institute for Rehabilitation and Research. Many other leaders in the independent living movement will be making presentations including Ed Roberts, Bill Bean, Dave Williamson, Judy Heumann, Phil Draper, Elmer Bartels, and Mark Litvan. Their presentations will address the key elements of independent living, namely, personal attendant care services, housing, training in independent living skills, and peer counseling.

Obviously we have a very busy schedule for our convention and annual meeting in Denver. Special thanks are extended to the convention committee, especially Chairperson Jane Edgar who has served the last two years as president of the Mountain States Chapter. Without the dedicated work and perception demonstrated by Jane and her dozen committee members, the high degree of organization and effective programming which we can see, would not be in place.

I look forward to seeing many of our members in Denver at the convention when we have the opportunity to evaluate our activities and set priorities for our programs and functions in the future. If we can work toward developing our unity and focusing on our goals of Care, Cure, and Coping, we will be one step closer to succeeding. ■

THE LAST WORD

By Jim Smittkamp

If there were a "top ten scenes" in Colorado, our front cover would qualify. On a clear day we should be able to see Long's Peak from the Stouffer Inn at our annual meeting. Bear Lake is a bit more difficult but can be viewed from a wheelchair, but not directly from a car. A rather rough blacktop path from a parking lot to the lake is passable, preferably with a pusher. This bit of assistance is useful because of the path and the altitude (about 9,500 feet). The parking lot at Bear Lake is huge, a testimony to the popularity of the area. Take some goodies for the chipmunks and birds

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who make pikers out of the best human panhandlers ever to hit a street. The road from Denver to the Bear Lake parking lot is reward enough in itself particularly if you take the Big Thompson Canyon up (Rt. 34) and take any other road back.

From the Wyoming border to Colorado Springs, there are at least a dozen roads in very good condition that corkscrew into the magnificent Rocky Mountains. None of them are dangerous to drive if you use common sense. All of them are fascinating by themselves and all lead to vistas that will have you snapping your brownies at record speeds. But, if the mountains are out of reach because of respiratory limitations or acrophobia (some of the canyon roads might even cause claustrophobia), there is enough in Denver to keep one excited for a very long time.

Bruce Marquis has given you the "business" reasons to come to the convention. Our front cover and other pictures and stories have given you the "tourist" reasons. I hope I have added something to the latter. Come and see the country that "Centennial" is all about. ■

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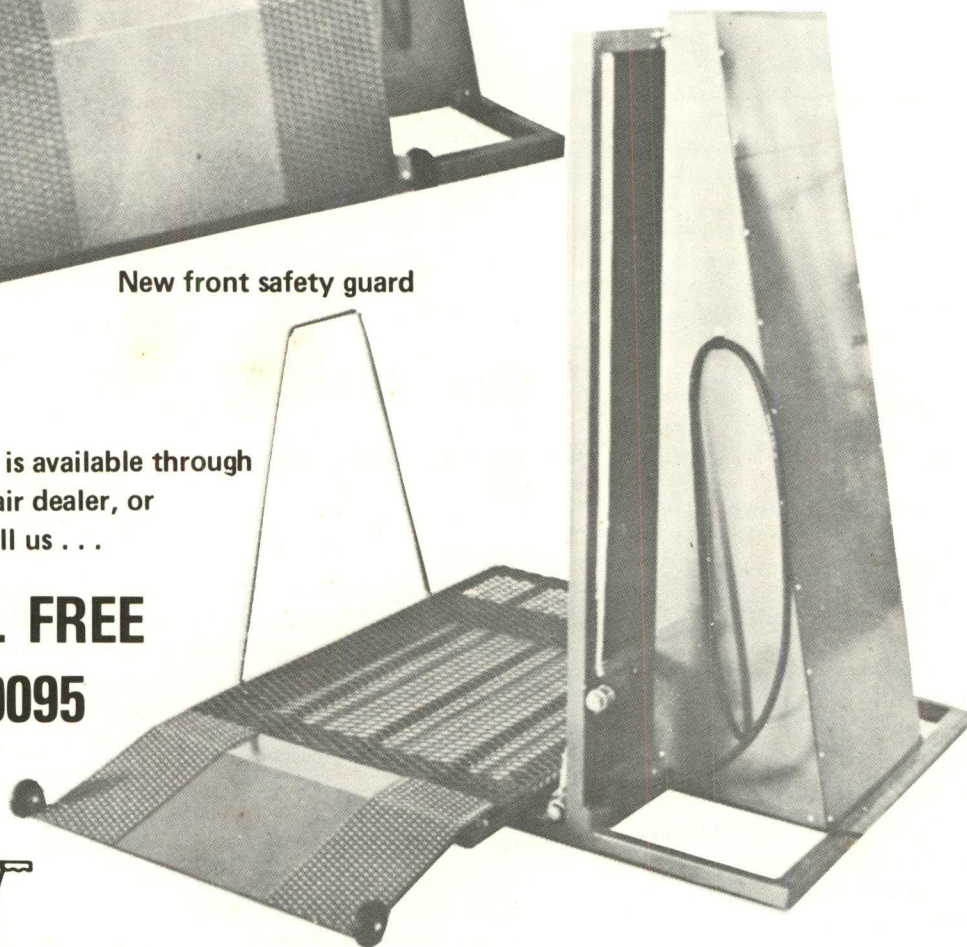


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