



**JULIETTE RIPPY**  
...An active preadolescent

**According To Rippy, Maloney**

**Tuberous Sclerosis Has Diverse Affect**

By Loretta Manno  
Post Managing Editor

Juliette Rippy is like most pre-adolescents. She loves dancing, modeling and Michael Jackson. But unlike most kids her age, Juliette lives a restricted life, from the foods she eats to the medications she is administered.

Middle aged, Jim Maloney has worked with IBM for 21 years. He is a senior field service support expeditor. Besides what seems like a bad case of acne, Maloney seems quite average.

Both Juliette and Maloney have tuberous sclerosis. A disorder affecting many organs, TS is often characterized by epileptic seizures and varying degrees of mental retardation. There are other symptoms of TS as well. Reddish seed-like bumps appearing across the cheeks and nose, white spots on the skin, wart-like growths in the nailbed and yellowish-brown skin patches that have the texture of an orange peel have all been characterized as symptoms of this disease. Because these latter symptoms aren't likely to affect those who have them in any significant way, many cases of TS have gone undetected. Today, the frequency for having TS in the general population is one in 10,000.

It took Juliette's parents, Barbara and Julius Rippy, six years before their child was diagnosed as having TS. The years before the diagnosis was made were a living nightmare for the Rippys. At birth, Juliette was unable to breathe. She was placed in an isolette for several days. For the next eight months of her life, Juliette kept infections, high fevers and was not able to control her saliva. From time to time, white spots appeared on her body. As Juliette grew older, more symptoms of TS were to reveal themselves.

"I noticed one day that she would stop and stare into space and tremble. I could not get any response and at other times she would sleep as much as 14 hours at a time," replied Mrs. Rippy.

Almost as trying as coping with her daughter's health was the fact that doctors could not tell her what was wrong with Juliette. On one occasion Juliette was even diagnosed as having Scarlet Fever. The problems mounted. By Juliette's fifth birthday, she had torn off a classmate's blouse, scratched a little girl's legs with glass and lifted her 15 year old sister by her shoulders off the floor. In each case, Juliette was found staring and non-responsive.

Throughout this time, although the Rippys kept the doctors informed of Juliette's condition, they never saw the trembling or the staring. Mrs. Rippy prayed that they would. Her prayers were answered when Juliette was taken to neurologists for tests, after having experienced three days of seizures. After the testing and observation was over, Juliette was diagnosed as having TS with seizure disorder, tubers on the retina and brain and a chronic allergy problem. Although her problems are severe, Juliette is luckier than a lot of people who have TS; she is not retarded and although she has been taught from a very early age not to have children she can expect to live a fairly normal life.

Maloney was diagnosed with TS at age eight. It wasn't until he had married and his wife had given birth to their first child that he realized the dangers of having children. No one ever informed him of the possibility of having a child with TS, not even the Navy which studied Maloney extensively when he enlisted in the service. It has been discovered that persons with TS have a one out of two chance of passing TS onto their offspring. Maloney's firstborn, Robert, was born severely retarded.

The disease varies in its degree of symptoms, as well as whom it afflicts. A couple with no history of TS can produce an offspring with TS



Jim Maloney  
...IBM executive

as well as a person with a history of the disease. What happens with two people who have had no history of TS is that a normal gene changes to the abnormal form some time before conception.

For 13 years, Maloney and his wife cared for their son Robert. Being as retarded as he is, they ended up caring for Robert as they would a newborn. Aside from the constant care, the Maloneys had to make sure that Robert, when he would have epileptic seizures, would not harm himself.

In the last two years, Robert has been placed in Howell's Child Care Center. Having him placed there was a tough decision for both Maloney and his wife. "We knew that the people at the Child Care Center could give him the round the clock attention he needed. They would also know far better than me or my wife when certain medicines needed to be changed or dosages needed to be increased or reduced. Robert used to have anywhere from 400 to 1,000 seizures a month; now he has only 40 to 50 per month." Aside from the expert care Robert gets at the Center, Maloney said that he and his wife had to consider the needs of their second child, Michael. "We wanted to provide him as normal a home setting as possible. Michael is seven. Up until lately Michael had shown no signs of having TS. "He has recently begun to show white spots," remarked Maloney.

If Michael is lucky, having TS, if he is diagnosed as such, will only mean having to have occasional laser treatments to reduce the patches that sometimes develop on the skin. That is the extent of Maloney's medical care, and even that is optional.

While the Rippys deal with TS and how it affects their daughter and the Maloneys handle the possibility that

SEP TUBEROUS On Page 14A

**Lerners' Gift Aids Diabetes Treatment**

By David Roberson  
Duke Medical Center  
Special To The Post

Durham - A machine that acts as an artificial pancreas will soon become a tool in diabetes treatment and research at Duke University Medical Center, thanks to a gift of \$100,000 from Morton and Bernice Lerner of Salisbury.

The machine, known as a glucose controller, is a computer-controlled device that continually monitors a patient's blood sugar level and automatically infuses insulin and glucose to keep blood sugar at the level set by the patient's physician.

"It's a tremendous treatment and research tool," said Dr. Mark N. Feinglos, assistant professor of endocrinology and assistant clinical professor of psychiatry.

People with diabetes have a condition in which insulin, a substance normally produced in the pancreas and necessary for the body to use sugar for energy, is either produced in insufficient quantities or simply fails to work properly.

"The problem in diabetes is that the way we administer insulin is pretty crude compared to normal body mechanisms," Feinglos said. Repeated blood sugar tests and multiple injections of insulin may be needed to adjust blood sugar to the proper level, and activities such as exercise or eating cause that level to fluctuate.

The glucose controller, the first in this area, will be used to help treat patients with acute or poorly-controlled diabetes, Feinglos said. In such cases, the glucose controller will be used to help determine and establish proper blood sugar levels while freeing the patient of the often frustrating series of blood samplings and injections previously needed for the diagnosis.

Proper insulin doses for a patient can be determined by a day-long treatment with the machine in most cases, Feinglos said, after which those doses can be administered in regularly scheduled injections.

The machine, which resembles a two-foot-square box attached to a complex set of I.V.'s, will be used about equally for patient treatment and experimental purposes.

"There are a number of research projects this is potentially useful for when a patient doesn't need it," Feinglos said.

In addition to the \$50,000 purchase cost of the machine, the Lerners' gift also provides funds for two \$25,000

fellowships to support research with the glucose controller over the next two years.

The Lerners both have a family history of diabetes, and their daughter, Dena, a former Duke student, is being treated by Feinglos for diabetes.

The family has numerous other ties to Duke. Bernice is a 1953 Phi Beta Kappa graduate of the university. Older son Richard had a heart valve replaced at the hospital, and younger son Mark is completing his second year in the School of Medicine. Dena, whose college career was interrupted by complications brought on by flare-ups of her diabetes, plans to resume her

undergraduate studies at George Washington University, but hopes to return to Duke for medical school.

Morton, president of Lerner Shoes, Inc. of Salisbury, is a long-time Duke athletics fan and supporter of the Iron Dukes program. He and Bernice are six-year participants in the Duke Children's Classic, which raises funds for the Department of Pediatrics.

"I guess everything sort of played a hand in our closeness to Duke," he said. "We have a lot of affiliations to the total medical picture at Duke. There are some strong attachments."

## FALL FASHIONS

**Vested Suits \$79<sup>95</sup>** and up  
Compare at \$159<sup>00</sup>

For quality clothing that is skillfully tailored, come to the warehouse. Come to BARRY and pocket the difference. New fall merchandise arriving daily.

**Sport Coats \$59<sup>95</sup>** and up  
Compare at \$120<sup>00</sup>

**Slacks \$15<sup>95</sup>** and up  
Compare at \$35<sup>95</sup>

Specializing in Big & Tall Sizes

**BARRY MANUFACTURING**  
Factory Warehouse  
4035 South Blvd. • 28226  
Mon-Thurs 9-5 • Fri 9-6 • Sat 9-5 • Sun 10-5

## SEARS YOU CAN TRUST YOUR HOUSE TO SEARS

**Sears will be there when you need us . . . Just Call**  
You can count on Sears for . . .

- ✓ FREE ESTIMATES
- ✓ NATIONWIDE SERVICE
- ✓ IN-HOME PLANNING
- ✓ WARRANTED AUTHORIZED INSTALLATION

**50%\* OFF Chain Link Fabric**  
**20%\* OFF Fiberglass Roofing Shingles**  
\*When Installed By Sears Authorized Installers

**INSTALLATION WARRANTY**

Should workmanship prove faulty within one year of installation, Sears will, upon notice from you, cover such faults to be corrected at no additional cost.

- **Chain Link/Wood Fencing**  
Choice of styles for privacy and protection
- **Central Air Conditioning/Furnaces**  
High-efficiency helps save energy
- **Storm/Entry/Security Doors**  
Superb styles insulated and weatherstripped
- **Storm/Replacement Windows**  
Energy Efficient construction
- **Blow-in Insulation**  
Helps save energy. Attic or sidewall application
- **Garage Doors**  
Quality doors in a variety of styles, colors
- **Carpets/Patio Covers/Awnings**  
Aluminum in a choice of styles and sizes

Ask About Sears Credit Plans!  
Installation is provided by a Sears Authorized Installer. FREE ESTIMATES!

**EASTLAND 588-9100**  
**SOUTHPARK 364-7550**

**EASTLAND and SOUTHPARK - CHARLOTTE**  
Satisfaction guaranteed or your money back  
©Sears, Roebuck and Co., 1985

## athletic

**SHOE & CLOTHING SUPER-MARKET** **BELOW COST!!**

The largest selection of athletic shoes and clothing for the entire family!

BLEND

OVER-RUNS

CLOSE OUTS

15% QUALITY

**NOW 3 FANTASTIC LOCATIONS TO SERVE YOU!**

2888 FREEDOM DR.  
Former Shoe Town Location

4845 EAST INDEPENDENCE  
Former Shoe Town Location

801 N. TRYON ST.  
UPTOWN

**OPEN DAILY 10 AM-9 PM • SAT. 9 AM-9 PM • SUN. 1 PM-6 PM**

**CHILDREN'S LO TOP LEATHER**  
WHITE/NAVY/CHARCOAL OUTSOLE  
CHILDREN'S SIZES 10-2  
Reg. \$32.00

**\$16<sup>00</sup>**

**SPECIAL BACK TO SCHOOL HOURS**  
Open Nightly till 9 p.m.  
Sunday 12 till 7  
**All Day Labor Day 9 a.m. till 9 p.m.**

**1" QUALITY BACK TO SCHOOL!**

**LADIES NYLON & LEATHER AEROBIC SHOE**  
WHITE/WHITE  
Reg. \$28

**\$14<sup>00</sup>**

**1/2**

**PRICE**

**Super Sale!!!**

Excellent values on over 5,000 pairs of selected shoes for the entire family, including all major brands.

**HI TOP MESH**  
WHITE/NAVY TRIM  
NAVY OUTSOLE  
Reg. \$46

**\$23<sup>00</sup>**

**MEN'S MID-HIGH LEATHER**  
White Leather  
White Dymondle Outsole  
Reg. \$32

**\$26<sup>00</sup>**

**MEN'S HI TOP LEATHER**  
WHITE/NAVY/NAVY OUTSOLE  
Reg. \$34

**\$23<sup>00</sup>**

**MEN'S MID-HIGH**  
Reg. \$32

**\$26<sup>00</sup>**

**LO TOP LEATHER**  
WHITE/NAVY/NAVY OUTSOLE  
Reg. \$32.00

**\$16<sup>00</sup>**