

NEW DIRECTIONS IN RESEARCH

SUBMITTED BY ELLEN BURNS, VICE PRESIDENT & MEDICAL LIAISON

IN THIS ISSUE

TREASURER'S REPORT 2

REUNION LOCATION INFO 2

MY DADDY USED TO SAY... 3

DR. BEJAOUI 3

GRANDMA'S DIARY 4

IN MEMORY OF RUSSELL 6

REUNION REMINDER!

Hope to see you at
the 61st
Deater Reunion
on July 19, 2003!
[Important
Info on page 2.]

Dr. Bob Brown, Director of the Day Neuromuscular Research Laboratory in Charlestown, Massachusetts, is well known to the Deater family. From the first family blood drawing to the discovery of the gene that causes HSN I, he has supported research into the "Deater Disease." Dr. Brown has once again expressed his intention to pursue finding the cause and cure for HSN I.

The field of molecular biology continues to advance rapidly. Researchers are able to use new computers and other technology to sort out the mechanisms of disease. In the study of many diseases, medicine has moved from the study of external causes (germs, chemicals) to the study of biochemical defects within the cells themselves. Scientists study the actual diseased cells and try to re-create the pathology.

Lots of colonies of cells can be nurtured and grown from a small skin biopsy. One of the uses of such colonies would be to expose each to a different drug, to see if the cells responded. Imagine rows of petri dishes, (remember high school biol-

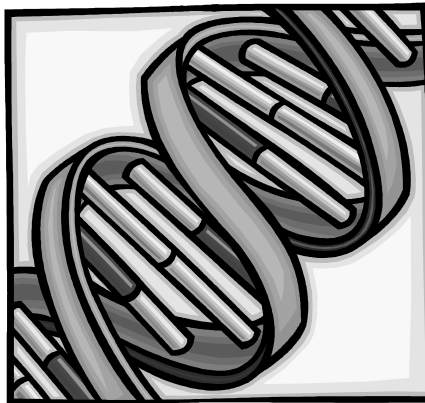
ogy)? In each dish is a different drug. The cells are introduced and scientists observe to see if any changes occur. This experiential model is solid science. If the experiment is successful, there is a possibility that even without fully understanding the mechanism of the disease, treatment could begin.

An even more exciting future goal is to develop a "mouse model" of the disease. Researchers would create mice that have the genetic defect. Since

mice become "teenagers" in about four months, researchers might be able to quickly determine if signs of the disease are present. Much can be learned from a living model of the disease.

Of course, all research takes funding. The Deater Foundation was born of the desire to contribute within the circle of family and friends to support research into the cause and cure of HSN I. Research dollars direct the kind of research that is being done. The small contributions of The Deater Foundation have been used by Dr. Brown to "leverage" more grant

(Continued on page 6)



TREASURER'S REPORT
 SUBMITTED BY NANCY NEWCOMER, TREASURER



Contributions to DFI are tax deductible!

Send donations to:
 Deater Foundation, Inc.
 Mrs. Nancy J. Newcomer,
 Treasurer
 PO Box 255
 White Deer, PA 17887

2002-2003 Finances	
Balance as of 5/31/2002	\$20,244.56
Income 6/1/2002 to 12/31/2002	12,520.00
Interest 6/1/2002 to 12/31/2002	226.27
Income 1/1/2003 to 5/31/2003	300.00
Interest 1/1/2003 to 5/31/2003	60.84
December 2002 Expense	8,000.00
Balance as of 5/31/2003	\$25,351.67

2003 REUNION LOCATION INFORMATION

Due to Penn Dot work on the bridge in Stull, the 61st Deater Reunion will be held July 19, 2003, at Butler's on Stone Town Road, just above the Stull grove site. Do not use Sorber Mountain Road as there will be no way to cross over Bowman Creek with no access to the bridge.

Directions from Noxen:

Traveling North on Route 29:

- Go straight on Main Street and across the bridge.
- Turn left on Stull Road
- Travel Stull Road about 2 1/4 miles.
- Turn Right (nearly a U-turn) on to Stone Town Road
- Watch for Butler's on the left.

Traveling South on Route 29:

- When you get to the "T," turn right on to Main Street and proceed across bridge.
- Turn left on Stull Road
- Travel Stull Road about 2 1/4 miles.
- Turn Right (nearly a U-turn) on to Stone Town Road
- Watch for Butler's on the left.



Dr. Gilmore O'Niel [left] draws blood from Rick Womer [right] in 1996

DR. KHEMISSA BEJAOU I

Khemissa Bejaoui, Ph.D., will leave the Day Neuromuscular Laboratory this June. She has been associated with the Lab for almost 13 years, since coming from Tunisia to complete her post-doctoral studies. For a decade she has worked tirelessly on the Deater Disease project.

Dr. Bejaoui has been deeply committed to her research, spending long hours "on the bench" and in researching historical reports and the latest developments in genetics. She has developed strong collaborative working relationships with other

researchers in varied fields from around the world. She is well respected for her expertise, and she has continually increased her knowledge in areas related to her primary research. She is absolutely scrupulous in her work ethic, practicing good science and validating results.

The Deater Foundation has been honored to support Dr. Bejaoui with modest grants over the years. She, in turn, has been innovative in seeking other funding. She has taken the initiative to seek out other researchers from whom

she can learn, and who can offer other insights from parallel or tangential studies. Her ability to explain very technical information in a clear and concise way has successfully informed the Deater Foundation Board and family over the years. Her kind understanding and her willingness to travel to the reunions have made us think of her (and Paul) as part of the family. Khemissa hopes to continue working to find the cause and cure of HSN I. We wish her the best and hope she will continue to "come home" and visit each year.

"Her ability to explain very technical information in a clear and concise way has successfully informed the Deater ... family over the years."

LIKE MY DADDY USED TO SAY
SUBMITTED BY: ELLEN BURNS

He would be really tall, if he didn't have so much folded over on the bottom.

If you would use your head more, you could use your feet less.

Carrying too much in one trip — That's a lazy man's load.

She's only afraid of water if there's soap in it!

She couldn't carry a tune if I put it in a paper sack for her.

A person is just about as happy as he makes up his mind to be.

To people who "put down" others — If you can't be big, belittle.

About sleep -

- 4 hours for necessity,
- 6 for comfort,
- 8 for habit,
- and 10 for just plain laziness



ELECTRIC WHEELCHAIR
AVAILABLE

Donated to DFI by friend of the family

Available to family member experiencing mobility problems

Contact Gary or Nancy
Newcomer 570.538.1510
if interested

GRANDMA'S DIARY *

WEATHER INFO FROM JANUARY TO JUNE 1942

CONTRIBUTED BY NANCY NEWCOMER



January 6 7 below coldest morning this winter
 8 20 below and that was as low as our **the.** would go
 11 7 below a little warmer today
 13 7 above real nice
 18 it is real warm acts like it might rain
 19 rain & **fogg**

February 2 blew bad clear & cold H 10 – L 1
 5 our deepest snow this winter 6 in Harvey made paths
 6 sleeted rained then snowed certainly slushy
 7 all froze up today
 14 the wind blew cold & the sun looks like storm
 19 clear & sunny but cold & windy
 23 it snows off & on sometimes quite blustery

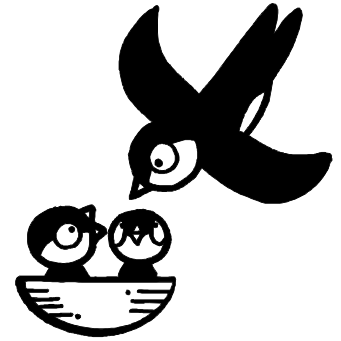
March 8 my **its** warm & muddy the roads are pretty bad
 10 we washed it was a nice drying day
 11 warm & **in creasing cloudyness**
 14 it rained & snowed & rained again
 16 we had thunder showers
 18 Carl was stuck for the 2nd time



*Commentary by Carol Dorward: Grandma would have been 53 years old at the time of these (her first journal) records which she kept on a McNess 1942 calendar. She frequently had more to say than would fit in the little box with the date, so she wrote on the back of the page and in the margins as well. After this "diary," the rest were written in a tablet or a book. The entire collection of Grandma's diary entries hold volumes of information treasured by her children, grandchildren, and great grandchildren. Perhaps others in the family should consider journaling their life like Grandma did and, thus, be a blessing in a similar manner to future generations!

GRANDMA'S DIARY
CONTINUED...

April 3 a lovely spring day
 9 snowing very hard evening keep running & its slushy but
 the snow is 6 in deep
 10 still snowing the trees are laden down
 15 **warm room fire out**
 16 warm fire out doors open
 25 a warm day we saw a bluebird
 27 a cold rain in the morning but it warmed up swell
 29 too warm for comfort heard **whippor will**



May This was one of the nicest Mays I have ever seen the trees
 & lilac couldn't of had more blossoms & the air was filled
 with their perfume until the killing frost came



1 warm showers
 2 nice day
 11 a killing frost froze ice
 19 sprinkly all day
 20 drizzly & dark all day
 25 cool dreary
 June 1 rainy rained all day long
 2 another rainy day
 3 rained in the morning
 4 it was nice today but we had a shower
 5 a nice day no rain



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DFI

NEW DIRECTIONS IN RESEARCH CONTINUED

(Continued from page 1)

money into this research. We are a large and caring family. Contributing to The Deater Foundation is a way of responding to the heritage with which we have been blessed. Please consider making regular donations in honor of parents, grandparents, children and grandchildren. Our dream is a cure for this painful, crippling disease.

IN MEMORY OF RUSSELL WILSON DEATER

- 4th Child of Alvin and Ellen (Wilson) Deater
- March 2, 1913 to September 17, 1972
- Married Laura Mae Keiper
September 25, 1948
- 3 Children -
Eileen Ann -m- Marvin Ellsworth
Susan Gail -m- Stephen Dean
Steven Wilson -m- Connie Singer
- 8 Grandchildren - 6 Great-Grandchildren

His compassionate nature and his wit and humor endeared him to the hearts of the many who knew him; his love for and trust in God and his Savior Jesus endeared him to the hearts of his children and his wife.

