### Camp and the horizon

# Farmington Observer

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Cochier

Electrode

TEALS AND AND AN ADDRESS

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### Officer injured in chase

#### y Julis Brown taff writer

A Farmington Hills police officer was injured in a car accident that fol-lowed a chase Saturday. The officer, Brian Degrande, was treated at Boisford General Hospital in Farmington Hills.

"The officer was treated at the hos-pital and was released," said Farming-ton Hills Police Chiet William Dwyer. Degrande, who injured his back, re-turned to full duty Tuesday.

The became lavolved in a chase with other officers from the department," the police chief said. The vehicle being chased was listed as solene, "and also the occupants were believed to have been involved in an armed robbery which occurred in Pontiac on July 5."

The chase began in the area of Chest-erbrook and 13 Mile Road, Dwyer said. Degrande and another Farmington Hills officer, Bertis Cook, pursued the vehicle as it traveled eastbound on 13 Mile Road.

THE ACCIDENT occurred at ap-proximately 4:45 p.m. at the intersec-tion of 13 Mile and Orchard Lake roads. It involved both police cars, as well as the vehicle that was being pur-sued.

"The young girl (in the car being pur-sued) was taken to the hospital also, and appears to be in OK shape now," Dwyer said.

Both occupants of the car being pur-sued were juveniles. The boy had es-caped from Children's Village, he said. "He was a Farmington Hills resi-dent."

During the Saturday morning roli call, Farmington Hills officers had received information on the boy's es-cape, Dwyer said. He and another young man were under investigation for crimes committed in the Pontiac area "where elderity persons had been pistol whipped."

Following the car accident on Satur-day, the boy ran away from the car, Dwyer said.

"There was a foot chase and he was finally apprehended, taken into custo-dy." The boy was taken to Children's dy. 11. Village.

A review board will examine the Saturday incident, the police chief said.

"It appears that the officers acted within the policies of the department at this time." Such an internal review is a customary procedure, he said.

The receiver for alding Robert Erchar to hear sound will be implanted inside his head with an electrode extended directly into the cochies. A small microphone that can be concealed behind

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Transmitte

Receiver

his tie will pick up sound to be sent to the transmitter placed behind his ear and directly adjacent to the receiver.

Processor

### A world of silence ends with implant operation

#### By Joanne Mallezowski staff writer

Robert Ersher spent the first 23 cars of his life in a world without

"This (the implant procedure) rep-resents the first time in the history of medicine that a sense organ can be replaced — not perfectly, but it's a beginning," said Brandes, an ear, nose and throat specialist in Farmington Hills. years of his life in a world winnout sound. And while that would be traumatic enough for most persons, his dealness was mistaken as a sign of mental re-turdation and he spect a number of years in a state in D. Worre Brandes and device no bigger than a nickel. Ersher soon will hear sounds for the first time. Last month he became Botaford General Mospital's first pattent to receive a cochlear implant. Hills. Brandes, a West Bloomfield resi-dent, is one of 200 physicians in the country trained at the House Institute in Galifornia to perform the implant procedure.

THE IMPLANT ALSO represents a new beginning for the 23-year-old Erster. When he was 6 months old, Brandes said, Erster's parents believed he

as mentally retarded and took him was mentally retarded and took him to live in an institution. Not until Ersher was in his teems did officials at the institution realize Act until problet was in an extrast did officials at the institution reaching input design was not metale also real-larching and the statistical states and input designmentation of the retinn. "That's why the cochlear implant was so "crucial" now, Brandes said. Without both hearing and eyesight, Eraber would have been "otherwise totally isolated," he added. "He is highly motivated. I think he'ld ow well," said Brandes, who re-cedity performed another cochlear implant in Madison Heights. The implant should provide great



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bother them P Brandes said, such as barnmer on metal or a sire

The success of the cochlear implant is not a question of what percentage

Robert Ersher communicates with sign language atter cochics im-plent surgery at Botsford General Hospital in Farmington Hills. Dr. Warren Brandes said because of the surgery, Ersher will soon be able to hear sounds for the first time.

improvement for Ersher's hearing loss. But Ersher will not hear sounds as do people who have normal hear-ing, Brandes said.

"I THINK hell be able to lip read better. And there's a good chance he'll be able to develop vocal skills." Pationis who receive the cochiear implant, Brandes said, generally don't hear the same quality of sound the hearing do. Instead, they gene-ally bear scratching gounds, he said. "There are certain sounds that may

How scientific breakthrough works

### By Joanne Maliszewski staff writer

The operation recently performed on Robert Ersher, the cochlear im-lant procedure, represents a first in relation

pant procedure, represents a max in medicine. "This is the first time we can enter the inner ear," said Dr. Warren Brandes, a Farmington Hills car, nose and throat specialist, who peformed the procedure hast week on the 23-year-old man at Botsford General Hospital.

Performed by microscopic surgery, the cochicar implant is a device that will give some people who are deaf an opportunity bear sound. To understand how the implant al-

To understand how the implant al-lows a person to hear sound, it's nec-essary to understand what sound is, Brander said. A form of energy, sound travels through the air in waves. A sound's mechanical energy reaches the ear nad passes first through the outer and middle parts of

the ear causing certain parts to vi-brate.

brate. Tiny sensory cells inside the co-chlea or inner ear change the me-chanical energy of sound into electri-cal energy. The energy generated from the tiny cells then stimulates the bearing nerve.

IT IS the hearing nerve that sends signals to a person's brain, which in-terprets signals into sound. "It's the brain that can actually in-

terpret it." Brandes said. Some people who cannot bear have damaged sensory cells in the occhica, Brandes said. The occhicar implants consequently help people bear sounds by hypassing these sensory cells. The implant essentially dollvers small amounts of electrical current near the hardne nerve. the hearing nerve. Although the cochlear implant does not completely cure deafness, it can

Nº Please turn to Page 14 Dr. Warren Brandes



## Founders' Festival fever about to strike town

what's inside

For the 21st consecutive year, the annual Founders' Festival will be the big event of the summer in Farmington and Farmington Hills. Included in this year's activities are the perennia favorites, the sidewalk sales, carnival rides, food, music and the parade.

oral quarrel

saies, carnival rices, food, music and the parade. Beginning July 16 and running through July 20, the festival is spon-sored by the Farmington/Farmington

How would you sell

national budget plan?

After serving as the longest-tennred If you were the badget director, in budget director in history, Michigan's what economic areas would you disa-own David Stockman has left Wahing- gree with Result Resgart What mee-for for a carver ow Wall Struet. Gene of the most outpoken members government spessing? I the predictive advisors, Biochman on more than one occasion disagreed 'To answer our question, call 477-with Resgarts policy in public. Now is 5458. You have until 1 pm. on Friday pour chance to step linto Stockman's to answer. Look in Monday's paper to these and be outpoken. Today's Oral Quartel question is:

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does it all

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Rennels "Excellent Response!" named C. Stomoran was delighted with the response of the Observer & Eccentric MERCHANDISE-APPLI-ANCES Classified ad placed, "6 calls the first night! Sold to the sec-ond caller, Excedent response and results!" president

#### staff writes

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Women rule the Farmington Bo Education again, as trustees Mor ght elected Susan C. Rennels as bo ight els Rennels, who spent the last year as vice president of the seven-member

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