## Brady's brain injuries likely to hinder his activities:

If presidential press secretary James Brady survives, his powers of speech are likely to be

survives, ns powers of speech are there to be preserved.

Preserved, 40-year-old Brady may have trouble finding his way around and dressing himself—in the other words, with visual-patial relationships. Without attempting to diagnose the injuries which a would-be assassin's bulled did to Brady Monday, two Wayne State University psychologistic explained the different kinds of dysfunctions which could result from different types of brain injuries.

News reports from Washington said a .22 cal. bullet entered Brady's forehead and penetrated the right side of his brain.

"ONE CAN predict there will be left-side motor problems, but the speech areas of the brain were

preserved," said Dr. R. Douglas Whitman, associate professor of psychology.

"If the bullet passed through his right visual cortex, there will be visual-spatial dysfunctions on the left side. He may have difficulty orienting himself and dressing.

"The damage was called "extensive" (in news reports). I don't know what that means," said Whitman.

Although Brady's injury is very serious, there is

hope.
"If you visit a rehabilitation unit, you'll find some amazing recoveries. Brain tissue itself doesn't regenerate, but brain functions will. If the brain can do the task with different tissues, it will

do it."

Whitman, who teaches advanced courses in clinical neuropsychology, said wounded veterans of the Korean War (1950-53) have been studied for more than 20 years. "Some have shown progressive recovery," he said.

THE HUMAN brain is an extremely complex organism, and some human functions are dependent on more than one part of the brain, said Dr. Douglas Shore.

"A person could have brain damage that disabled his muscles. His speech would be situred, but the intellectual part would be intact," said Shore, who is in the psychology department of the WSU School of Medicine's rehabilitation unit.

"On the other hand, the motoric part could be intact, but the person could speak gibbershi' if the intellectual part of the brain were damaged, he said.

said.

A major question will be how much damage the bullet did to Brady's brain.

"A bullet may circle around in the skull and do a lot of damage," said Shore, although news reports Thesday indicated the bullet traveled a direct route with little loss of brain fluids.

"When swelling from the wound goes down, brain functions may return," Shore said. "There

are many explanations of why functions return. Even an injured brain may be capable of re-lear-ing a function. Feabilitation institute treats a brain-damaged person and there is improvement, the said, it's uncertain whether the improvement was due to the healing effects of time or to the training.

training.

In general, the right hemisphere of the brain, where Brady was shot, has little to do with speech functions. Nevertheless, the right hemisphere is important.

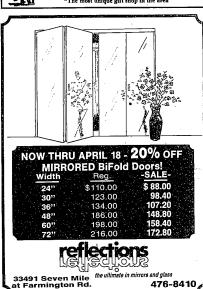
"It contains visual-spatial skills. A person with right hemisphere in lury may have difficulty finding his way around city streets or hospital corridors. He looks at a clock without numbers and can't read it.

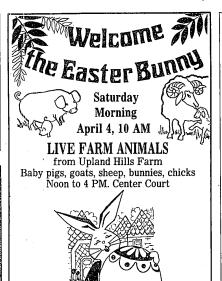
"A person with right hemisphere in juries may ignore left side space. If he's in a wheelchair, he may bang into the left side of a door. He'll roll back and bang it again."

'If you visit a rehabilitation unit. you'll find some amazing recoveries. Brain tissue itself doesn't regenerate, but brain functions will. If the brain can do the task with different tissues, it will do it."

- Dr. R. Douglas Whitman WSU professor







Easter Bunny & Me Photos

New - Polaroids o to take home Mon-Sat 11-3, 4-8 Sun. 12-5

MeadowBrook Village Mall

Walton at Adams • Rochester



If you've been waiting for the right time to join Hamilton Place . . . Here it is . Join now during bur special 2 for 1 offer and save ½ on your initiation. \* Boy tennis. swirn, jog, exercise on Nautilus equipment, whirlpool, sounas. and much more. You can do it all and more at Hamilton Place. Bring a friend and save at Hamilton Place

## SAVE 1/2 - JOIN NOW! YOU CAN'T DO **DETTER THAN THAT!**

Call 646-8990 Now! for more information or drop in anytime between 9:00 a.m. and 9:00 p.m. 30333 Southfield (Bet-ween 12 and 13 Mile)



JOIN HAMILTON PLACE'S 3rd ANNUAL

**10K RACE** SUNDAY, APRIL 26, 19819 9:00 A.M. REGISTER NOW

Registration by mail postmark deadline. April 11, 1981.
There will be a pre-registration Sunday. April 26, 1981 from 7,00 = 8,00 A. M.

 Entry Fee 55,00 A. M.
 Foschiers available at the Hamilton Place Fitness 6 Social Club.

Tockiers available at the Hamilton Place Fitness 6 Social Club.



RDWARE-LUMBER & SUPPLY COMPANY

Michigan's Most Unusual Hardware Store

31245 EIGHT MILE ROAD (Corner of Merriman) • LIVONIA • 476-6240
Sunday 10-4



Open Tue., Wed., Sat., 9:30-5:30, Mon., Thu., Frl., 9:30-9:00 OPEN SUNDAY 12-4 IN ANN ARBOR ONLY!