

—Dietz on Science—  
**SAVANT SPENDS  
LIFE IN CHARTING  
PATH OF MOON**

Gigantic Task Completed by  
Yale Professor After  
40 Years.

BY DAVID DIETZ  
Scripps-Howard Science Editor

The man who controls the motions of the moon. That is the title which astronomers facetiously confer upon Professor E. W. Brown of Yale university.

There is another title, however, which they give him in all seriousness, namely: The world's chief authority upon the motions of the moon. That's how the first title came into existence. Brown knew so much about the motions of the moon that it was said that the only explanation was that he controlled the moon's motions.

To the facetious remarks of his colleagues, Brown replies with a quiet smile that is as typically English as his accent or his baggy tweeds.

Brown is tall and thin and wears a mustache of the typical British sort, sometimes known as a "walrus mustache." He jokes about his accent, and tells how when he first taught at Yale, he didn't seem to make much headway with his students.

**Tried by Ancients**

"I asked them whether they had difficulty in following my mathematics," he tells with a smile. "The reply was: 'We can understand your mathematics all right; we can't understand your English.'"

Brown was born in Hull, England, on Nov. 29, 1866. He was educated at Christ's college of the University of Cambridge. He has been on the faculty of Yale university since 1907.

As long ago as twenty centuries, the astronomers of ancient Rome discovered that the motions of the moon were extremely irregular. Ever since that time, the most famous astronomers of the world have sought to understand those irregularities.

The modern study of the moon's motions dates from the day of Sir Isaac Newton when that great genius showed that it was gravity which kept the moon in its orbit.

**Work Is Praised**

But no one succeeded in writing a mathematical formula which took into consideration all the irregularities and made it possible to forecast the moon's future positions with a high degree of accuracy, until Brown tackled the problem.

The *Encyclopaedia Britannica*, which is not given to over-enthusiasm, says that his "work may be regarded not only as the last word on the subject but as embodying a seemingly complete and satisfactory solution of a problem which has absorbed an important part of the energies of mathematical astronomers since the time of Hipparchus."

In working out his tables, Brown had to take into account all the factors which disturb the moon's motions.

**Sun's Influence Varies**

There is the fact that the moon's orbit is an ellipse and not a circle. Next, there is the fact that the earth's orbit is an ellipse also. This means that the sun's influence upon the moon varies with the distance of the earth from the sun. Other variations are introduced by the shape of the earth, by the influence of the other planets, and by many other factors.

The size of the task which Dr. Brown accomplished is realized from the fact that it took him forty years to work out his tables of the moon.

**YOUTH, 18, SUES OLDER  
BROTHER FOR \$10,000**

**Suit for Damages Filed by Father;  
False Arrest Charged.**

A father filed suit for \$10,000 Friday against a son, in behalf of a younger minor son.

The plaintiff in the suit in superior court one is Tyler M. Marple, 1616 Sharon avenue, acting as "next best friend" for Roy K. Marple, 18. The defendants are Earl E. Marple, 2527 Shelby street, and Russell Moore, 2415 Shelby street.

Charged with malicious prosecution, the younger Marple asserts his brother and Moore, operators of a dairy products company, caused his arrest April 23 for the alleged theft of \$5.

He was forced to spend twenty-four hours in jail before release on bond, young Marple charges, and three days later was discharged in municipal court. Because of the arrest, the complainant asserts, he suffered humiliation from schoolmates, who taunted him.

**THREE JONES DEATH  
SUSPECTS RETURNED**

**Alleged Slayers Back; Jail Is Not  
Believed Safe.**

Three of five defendants in the machine gun murder of Police Sergeant Lester Jones are back in Marion county jail today after having been taken to the Hamilton county jail at Noblesville Thursday afternoon.

Judge Fred E. Hines of Hamilton circuit court, to which defendants took a change of venue, ordered return of the three with the explanation he did not consider the jail in his city a place for safekeeping of the accused.

Those returned were Ernest Gibson, Fred Adams and George Schwartz. William Mason and Edward Miller are at Noblesville.

**GIVEN HEROISM MEDAL**

**Hammond Man Cited for Rescue of  
18 Men in France.**

By United Press

HAMMOND, June 24.—Rescue of eighteen critically wounded soldiers from a heavily shelled area fifteen years ago was recognized officially today when the war department gave Irving Chayken a silver medal.

Chayken's act of heroism occurred in July 1918, on the Oissons front in France. He has received medals from both the American and French governments for gallantry in action.

# Woman Crusades Against High Death Rate in Maternity Cases

Writer Fights 'Conspiracy of Silence,' Seeks to Abate Suffering.

BY MARGUERITE YOUNG  
Times Special Writer

NEW YORK, June 24.—Helena Huntington Smith, writer, asserted today that an official government report, scheduled for publication soon, will show that federal investigators actually counted 7,500 maternity deaths in fifteen states during two years.

It is estimated that 16,000 American women die in childbirth every year and that the rate of mortality stands precisely where it stood twenty years ago.

In addition to these known facts, Miss Smith said, the report will disclose that a high percentage of the deaths results from women's voluntary efforts to thwart the natural process of reproduction after it has begun.

The report is that of a survey by the children's bureau of the United States department of Labor.

**Higher Standards Urged**

The bureau will make two recommendations:

1. That doctors be required to have "much better training in obstetrics than they now are receiving.

2. That hospitals, particularly the smaller and less well endowed, be held to standards proposed by the American College of Surgeons.

Miss Smith contends that the art and agony of human reproduction are enmeshed in a conspiracy of silence.

"There's a hush-hush attitude toward the whole business," she continued. "There's a tendency to tie it up in blue ribbons. Civilization produced the conspiracy of silence. It ought to do more—much, much more than it does—to alleviate the suffering and death."

**Novel Stirs Controversy**

Months ago Miss Smith wrote a novel, "Damned If They Do." It was a clinical. It told the story of a woman whose individuality was thwarted by child-bearing. It raised a storm of controversy.

The suit is one of four, seeking \$200,000 from the Amsterdam Casualty Company on the bond covering officers of the defunct Washington Bank and Trust Company. It has been transferred to federal court.

Order for the transfer was issued by Circuit Judge Earl R. Cox Friday on petition of attorneys for the bonding companies, who cited that the defendant is incorporated out of the state.

The suit is one of four, seeking \$200,000, filed by Oren S. Hack, Washington bank receiver, after alleged defalcations totaling \$1,750,000 had been revealed.

Disclosure of the charges against the officials was made by Hack from a confidential report made by the accounting firm of Spalding, Carter & Jordan, at request of Brandt C. Downey, former receiver.

Although Downey knew of the repeat contentions for more than two years, no action was taken to collect on the bonds until Hack petitioned for instructions.

**Highest Risk in Cities**

Miss Smith contends that anesthetics and medical skill can prevent outrageous pain.

It was something a doctor said while Miss Smith was having her first baby that inspired her novel.

"He looked at me with obviously summoned tolerance," she related, "and he said, 'Eve really shouldn't have eaten that apple, should she? I think it was then I decided to write the novel. I know the sentence ranked until it was published."

**Members of the Industrial Girls**

Club of Indianapolis will take five guests to Camp Delight, Noblesville, for the week-end. The guests are Mrs. Wilburta Richul, Misses Martha Everoe, Edna Moreland, Millie Flor and Mary Buchanan.

**Independent Master Plumbers' Association of Indianapolis**

Contracts for the 1933 supplies of county coal and road tar were awarded Friday by Marion county commissioners.

"It was on the basis of this study," she said, "that Secretary of Labor Frances Perkins recently reported that 67 per cent of our maternity deaths are preventable.

The striking fact is that the highest death rate is not in rural districts, where women have babies at home under primitive conditions, but in cities of from 25,000 to 50,000, where, undoubtedly, maternity work is conducted without sufficient regard for asceptic safeguards."

**Four on I. U. Band**

City Students to Play With Organization at State Fair.

A father filed suit for \$10,000 Friday against a son, in behalf of a younger minor son.

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**Given Heroism Medal**

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Helena Huntington Smith

## BANK BOND SUIT SENT TO COURT

### Action on Officers' Surety Shifted From Circuit Tribunal.

Suit filed in circuit court to collect \$200,000 from the Amsterdam Casualty Company on the bond covering officers of the defunct Washington Bank and Trust Company.

It has been transferred to federal court.

**Statistics in Business**

Will be the subject on which Harry B. Marsh will address the Scientific Club of Indianapolis at the Columbian Club Monday.

**H. F. Osler of Indianapolis**

former chief engineer of the board of

education, will be among the speakers at the fourth annual short course on school building and ground management at Purdue university June 29 and 30.

**Statistics in Business**

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**Marion County Chapter, American  
War Mothers**

Will hold a business meeting and birthday party Tuesday at the home of Mrs. W. T. Newman, 816 Spruce street. Mrs. Ralph E. Kennington, will preside.

Although Downey knew of the repeat contentions for more than two years, no action was taken to collect on the bonds until Hack petitioned for instructions.

**Barbara Fritchett Council, No. 76**

Daughters of America, will hold a fish fry tonight at 2015 West Washington street.

**Members of the Industrial Girls**

Club of Indianapolis will take five guests to Camp Delight, Noblesville, for the week-end. The guests are Mrs. Wilburta Richul, Misses Martha Everoe, Edna Moreland, Millie Flor and Mary Buchanan.

**Independent Master Plumbers'**

Association of Indianapolis has ap-

pointed a committee to study the

national industrial recovery act and

formulate a program, it was an-

nounced today by S. J. Tomlinson,

secretary.

"It was on the basis of this study," she said, "that Secretary of Labor Frances Perkins recently reported that 67 per cent of our maternity deaths are preventable.

The striking fact is that the highest

death rate is not in rural districts,

where women have babies at home

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