

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

Gigantic Task Completed by
Yale Professor After
40 Years.

BY DAVID DIETZ
Science-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 is 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 did not seem so much much headway with his students.

Tried by Ancients

"I asked them whether they had difficulty in following my mathematics," he tells in a simple 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 these 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 position with a high degree of accuracy, until Brown tackled the problem.

The Encyclopedia 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 can be 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 is 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.

Charging malicious prosecution, the younger Marple asserts his brother and Moore, operators of a dairy products company, caused his arrest April 25 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 complaint asserts, he suffered humiliation from schoolmates, who taunted him.

THREE JONES DEATH SUSPECTS RETURNED

Alleged Slayings 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 Ossons 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 cover up the pain with euphemistic 'Oh, how thrilling'—to tie it up in blue ribbons. Civilization produced the conspiracy of silence. It ought to do more—much more than it does—to alleviate the suffering and death."

Novel Stirs Controversy

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

"I get letters from readers everywhere," she said, looking much happier than her own heroine was over motherhood. "Most of them, it's true, agree with me. But others show that the very idea that something should be done to eliminate pain is something shocking."

"There seems to be a superstitious, perhaps often religious, belief that there's a virtue in suffering," 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, 'I've really shouldn't have eaten that apple, should I?' I think it was then I decided to write the novel. I know the sentence rankled until it was published."

Highest Rate in Cities

When her baby was 2 years old she began to gather material scientifically. It took two years to write the book—and by that time she was preparing for her second baby.

She is the wife of Henry P. Fring, a biographer and editor. She obtained her information on the children's bureau report in Washington.

"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 aseptic safeguards."

FOUR ON I. U. BAND

City Students to Play With Organization at State Fair.

Four Indianapolis students have been chosen members of the Indiana university band which for the fifth time has been awarded a contract to play at the state fair the week of Sept. 2 to 8.

The Indianapolis musicians are Ben Nathanson, solo clarinet; Frank H. Snyder, bass clarinet; Wendell B. McKissick, E flat clarinet, and Hal Winter, baritone.

In City Churches Sunday

Children's day service will be held at Cadle Tabernacle at 3 Sunday afternoon, with Bobby Cones, 10-year-old boy preacher, as speaker.

Following the program, a baptismal service, with more than one hundred candidates, will be held on White river, near the Perry stadium.

E. Howard Cadle will speak at the night service. His subject will be "The Way Back."

Seventh anniversary observance will be in church in the morning services of the Fifty-First Street Methodist church.

The guest minister will be Dr. L. R. Bokardt of De Pauw university.

Informal fellowship service will be held at 7 p. m. with the pastor, the Rev. Wilbur D. Grose, in charge. Dr. M. C. Hartinger will speak.

Activities at the Brightwood center of the Indianapolis Self-Help Exchange will be opened Sunday afternoon when the exchange's new quarters, Roosevelt avenue and Station street, will be dedicated.

A program will be given nightly next week, features being family night Thursday and old-time music night Friday, with the Brown County Revelers on the program.

Program for women will be given Wednesday afternoon.

Central Players will in charge of the fellowship hour Sunday night of the Epworth League at the Central Avenue Methodist church. A play-



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 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 \$625,000, 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 Spradling, Carter & Jordan, at request of Brandt C. Downey, former receiver.

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

COUNTY'S GOAL AND TAR CONTRACTS LET

Vogel Gets Work on High Bid; Board Explains.

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

William Vogel obtained the tar contract on a bid of 11.99 cents a gallon over the Republic Cocreoting Company bid of 10 1/2 cents. Commissioners explained that Vogel's bid, though higher, was advantageous to the county because he could supply equipment which would replace county equipment for other work.

Contract for hauled coal was shared by the Penn Coal Company and the Pittman-Rice Coal Company, and the latter firm obtained the coal road tar contract for several county institutions.

Commissioner Dow Vorhies said expenditures for road tar, \$50,000 last year, would be reduced sharply this year. Tarring costs average \$1,800 a mile, Vorhies said.

Found Dead in Hotel Room

John Difel, 54, a guest at the Roosevelt hotel, Capitol avenue and Ohio street, for the last three months, was found dead in his room today by the hotel clerk, William C. Davis. Dr. William E. A. buckle, the coroner, said he died from natural causes.

let, "The Dressing Gown," will be presented.

Devotional services will be led by Richard Sperry, recent graduate of the University of Michigan.

Dr. Charles Drake Skinner, pastor, will speak on "The Danger of Half Victories" at the Sunday morning services.

Topic for the Sunday morning sermon of Dr. Edward Haines Kistler, pastor of the Fairview Presbyterian church, will be "Living Alone." Miss Betty Cook will sing.

Paul C. Wetter will speak at a meeting Tuesday night at the Butler-Fairview Civic Association, in the Fairview Presbyterian bungalow.

Troop 61, Boy Scouts, will give a Scout show and minstrel in the social room of the church Wednesday night.

Details of a "high wheel bicycle contest" to be conducted by the Christian Men Builders' class of the Third Christian church will be announced at the class meeting Sunday morning. The contest will open July 2 and continue six weeks.

Dr. H. O. Pritchard, general secretary of the board of education, Disciples of Christ church, will speak at 10:30 Sunday morning at Downey Avenue Christian church on "The Disciples Facing a Crisis and an Opportunity."

Worship services of Irvington churches are being held each Sunday night on the lawn of the Downey Avenue church. Speaker on Sunday will be the Rev. B. R. Johnson.

Church school and worship hour will be combined at 9:30 Sunday morning at the First Friends church, 1241 North Alabama street. Young People's day will be observed.

RECEIVERSHIP IS ASKED

Meyer-Kiser Depositor Files Suit Against Affiliated Companies.

Receivership for thirty-one affiliated companies of the defunct Meyer-Kiser Bank is asked in a suit on file in superior court four, with Joseph G. Ludwig, Oakland, a depositor of the bank, as plaintiff.

Defendants in the suit are officers of the bank, bonding companies and the affiliates, majority of which are realty companies. Luther Symons, former state banking commissioner, also is a defendant because of his supervision of acts by the bank officers.

The City in Brief

J. B. Supple, sales engineer of the American Blower Corporation, represented the Indianapolis office at an air conditioning conference in Detroit this week.

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" will be the subject on which Harry B. Marsh will address the Sciencetech Club of Indianapolis at the Columbia Club Monday.

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.

James Mundy, 5724 South Parkway, Chicago, has invited Negro choirs of Indianapolis to participate with leading colored choral clubs and church choirs of Chicago in presenting a program of spirituals and choral works at the Century of Progress exposition in Chicago, July 14.

Barbara Fritchie 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. Wilbur Rich, Misses Martha Everette, Edna Moreland, Millie Pole and Mary Buchanan.

Independent Master Plumbers' Association of Indianapolis, has appointed a committee to study the national industrial recovery act and formulate a program, it was announced today by S. J. Tomlinson, secretary.

Charles E. Watkins, of the Muncie Rotary Club will address the Indianapolis Club at the Claypool, Tuesday noon.

SEPARATE GROUP TO GIVE MORTGAGE AID

Home Loan Banks Will Not Handle Federal Relief.

Federal mortgage relief will be administered through an organization separate from the Home Loan bank system, it was announced Friday by B. F. McKibbin, vice-president of the local loan bank.

No official word has been received from Washington regarding the mortgage relief administration. McKibbin said, but it is definite that the home loan banks will not be in charge.

It is understood that state and district managers will be appointed to manage local affairs of the Home Owners' Relief Corporation, the official designation of the mortgage relief group.

A large number of letters which have been received at the local bank office are being held until definite information is available, McKibbin said.

TECHNOCRACY INVADERS EVEN BEER INDUSTRY

Automatic Bartending Machines Urged for Use in State.

Technocracy is entering even the beer business, it was revealed at the statehouse with request of a Cleveland firm for permission to install automatic "bartender" machines in the state.

"With our machines, all the thirsters have to do," the letter explained, "is to drop a coin in a slot. The machine then automatically uncaps a bottle of cold beer in a glass compartment, pours the beer into a stein, and pushes the stein out to the customer."

The request was referred to Paul Fry, Hoosier beer czar, for an opinion on its legality. If approved, the unemployment producing machines probably could be installed only in places holding beer permits.

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Y. W. OFFICIAL'S MOTHER DIES; SERVICES SET

Mrs. Catherine S. Milligan
Passes in Her Home at
Irvington.

Following an illness of two months, Mrs. Catherine S. Milligan, 73, mother of Miss Ruth S. Milligan, education secretary of the Y. W. C. A., and James S. Milligan, secretary-treasurer-manager of the Milligan Oil Burner Company, died Friday in her home, 5731 Julian avenue.

Funeral services will be held at 8:30 Monday in the home, and at 11 at Spencer, Ind. Burial will be in Spencer.

Mrs. Milligan was born near Coshocton, O. She spent most of her life in Owen county, near Spencer, coming here seven years ago at the time of her husband's death.

Survivors are three other daughters, Mrs. G. Y. Warner, South Bend; Mrs. L. A. Kelly, Edinburg, and Mrs. William F. Smith, Rockville; another son, Scott Milligan, Richmond, Wayne county agricultural agent, and a brother, Hamilton F. Scott, Coshocton.

Mrs. Ottman Rites Set

Funeral services for Mrs. Edith R. Ottman, 42, resident of Indianapolis ten years, will be held at 3 Sunday in the Hisey & Titus funeral home, 851 North Delaware street. Burial will be in Columbus, O., Monday.

Mrs. Ottman died Friday in her home, 3330 North Meridian street. She was born in Utica, O., and was a member of the Presbyterian church. Survivors are the husband, Edwin A. Ottman, and a sister, Mrs. Horace B. Hewitt.

Successes in Hospital

Mrs. Minnie Aecker, 56, native of Germany and resident of Indianapolis forty-one years, died Friday in the Methodist hospital. She lived at Center Church road and South Harding street.

Funeral services will be held at 2 Monday in the Immortal Reformation church. Burial will be in Crown Hill cemetery.

Mrs. Aecker came to the United States when she was 15. She married William H. Aecker in 1903. Survivors are the widow; a daughter, Miss Marie E. Aecker, and a son, Walter H. Aecker, both of Indianapolis, and a sister and brother in Germany.

20-Year Resident Dies

Funeral services for Mrs. Florence C. Neafus, resident of Indianapolis twenty years, will be held at 2:30 Monday in her home, 640 North Oakland avenue. Burial will be in Washington Park cemetery.

Mrs. Neafus died Friday in her home. She was a member of the Wesleyan chapel M. E. church of New Albany, where she was born.

Survivors are a daughter, Miss Eva B. Neafus, and a son, David L. Neafus, both of this city; two brothers, Edward and Ernest McKamey, both of Indianapolis, and a sister, Mrs. Flora Kelly, New Albany.

Life Just a Series of 'Bad Breaks' to Girl, 10

Florence Bunce Doctor Bill Guarantee Each Time She Falls.

The "jinx" of the playground has become the shadow of 10-year-old Florence Bunce, 1136 Kentucky avenue.

Early Thursday morning she fell from a slide in Riley park, suffering fractures of her left arm in two places. It is the third time she has incurred fractures of this arm, each time while at play. Once she fell, causing a dislocation of the left elbow.

Adding to her misfortune, Florence is left-handed.

Florence fell from the slide, where she was waiting her turn with a group of children. She ran from the scene of the accident to her home, three blocks away, holding the broken arm in her hands. No one at the playground saw her fall except the children.

Police were called, and she was taken to the city hospital, where the fracture was set.

Hospital doctors explained to her mother that the child's bones are unusually soft, accounting for the series of breaks.

Previous accidents were caused by falling from swings and see-saws at school playgrounds. The first accident occurred when she was doing amateur acrobatic stunts.

"I'm going to be afraid to go to the playgrounds any more," she said this morning. Florence will attempt to learn to use her right hand while waiting for the break in the other arm to heal.

Governor Paul V. McNutt will be principal speaker at the memorial services at Roberts Park M. E. church at 7:30 p. m. Sunday, which will open the Indiana department convention of the United Spanish War Veterans and auxiliary.

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Singin' Sam, Native Son, Headlines Richmond Fete



"Singin' Sam" Frankel

New Open Air Amphitheater Will Be Scene of Free Frolic.

By Times Special

RICHMOND, Ind., June 24.—"Singin' Sam," famous radio singer, will present his regular professional act as used in theatrical engagements, free of charge to the public in Richmond's new open air amphitheater on the nights of June 27, 28 and 29. The curtain will be at 7:30.

The personal appearance of "Singin' Sam," who is Harry Frankel, native of this city, will be in conjunction with a gigantic minstrel show with a cast of 150 persons.

A huge old-time minstrel parade will be staged at 1 o'clock on the opening day, Tuesday.

The entire cast will show on a stage similar to the stage used in the modern theater, with full scenic effects.

Ten thousand persons can be accommodated in the new amphitheater area. Modern amplification equipment will be employed to insure full volume in staging the show.

All persons are invited to attend the free entertainment.

John Rodocker Jr., son of the luncheon proprietor, entered from another room and leaped at the bandit. The man jammed his pistol into Rodocker's ribs and made him stand back.

John Rodocker Jr., David Rodocker, his brother; Mrs. Julia Knox, 2122 West Minnesota street, their sister, and Marietta and Schubert were forced into the basement and the bandit rifled Schubert's desk and fled in Marlett's car.

Description of the bandit tallies with that of one of the two bandits who robbed the Methodist hospital pharmacy Thursday night.

PROFESSOR WILL SPEAK

R. Clyde White to Talk on Crime at Chicago Conference.

Professor R. Clyde White, member of the Indianapolis division of the Indiana university economics and sociology department, will address the summer conference of the American Sociological Society to be held in Chicago from Monday to Thursday.

He will speak on crime and delinquency. Charles R. Metzger, Indianapolis attorney, will discuss "Divorce by Mutual Consent" at the conference.

DEATH TAKES EDUCATOR

Melville Anderson, Former Butler Instructor, Dies in West.

LA JOLLA, Cal., June 24.—Melville Best Anderson, one of the world's most astute authorities on Dane and professor emeritus of Stanford university, died at his home here Thursday at the age of 82.

Born in Kalamazoo, Mich., Anderson, after studying at Cornell university, taught English literature at Butler university, Knox college, Purdue, Iowa State and Stanford universities.

TYLER, Tex., June 23.—A Negro was acquitted in justice court here of charges of disturbing the peace when attorneys for the defendant proved the complainant, another Negro, was too deaf to have heard the cursing he said the defendant gave him.

ROTARY CLUBS MASS IN EAST FOR CONCLAVE

Groups From All Parts of World to Attend Boston Sessions.

By Times Special

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