

FORMER PASTOR
WILL PREACH
HERE SUNDAY

Dr. Gebhardt Will Speak on
"Men, Religion and
Machines."

At the Carrollton Avenue Reformed church, Sunday morning, a former pastor, the Rev. G. H. Gebhardt, B. D., now minister of the Trinity Reformed church, Wadsworth, O., will occupy the pulpit.

He will preach in the absence of the present pastor, the Rev. E. G. Homrighausen, who is on his vacation in Iowa and Wisconsin. His sermon subject will be "Men, Religion and Machines."

The Rev. Gebhardt served the local church for ten years, having completed a successful pastorate here in July, 1929.

He is a native of Indianapolis, and has many friends in religious, educational and fraternal circles of the city and state.

He is spending part of his vacation here, visiting relatives.

CHRISTIAN SCIENCE
THEME ANNOUNCED

"Love" is the subject of the lesson-lesson in all Churches of Christ, Scientist, on Sunday, Aug. 2.

Among the citations which comprise the lesson-lesson is the following from the Bible:

No man hath seen God at any time, if we love one another, God dwelleth in us, and his love is perfected in us. And we have known and believed the love that God hath to us. God is love; and he that dwelleth in love dwelleth in God, and God in him (1 John 4:12, 16).

The lesson-lesson also includes the following passages from the Christian Science textbook, "Science and Health with Key to the Scriptures," by Mary Baker Eddy:

All nature teaches God's love to man, but man can not love God supremely and set his whole affections on spiritual things, while loving the material or trusting in it more than in the spiritual.

Mrs. William F. Rothenburger will teach the Women's Bible class in the auditorium of the Third Christian church, Sunday. Her subject will be "Philip's Missionary Labors." Special vocal music will be an added feature of the splendid class hour.

At the First Friends church, Sunday morning, the pastor, the Rev. Ira C. Davies, will speak on the subject, "Significant Silence."

SPECIAL SERVICE
WILL BE HELD

At the Second Moravian Episcopal church, corner Third-fourth and Hovey streets, the Sunday school session will be completed by a general unified service in the church auditorium beginning at 10:15 a. m. At this service the junior choir will sing, and the Rev. George Westphal, pastor, will deliver a story sermon on "The Rescuers' Reward."

The evening service at 7:45. The pastor will deliver an address preparatory to the celebration of the holy communion which will follow immediately.

"Calling for Lights" will be the Sunday morning subject of the Rev. C. J. G. Russom, minister, at the First Reformed church.

At the Hillside Christian church, the pastor, Homer Dale, will preach on "Boldness at the Throne."

The Girls' choir of the Calvary Baptist church will give a musical program of old time melodies at the Garden Baptist church, Sunday night. Mrs. A. G. Micks, 2642 East Eighteenth street, is the director.

The Rev. S. B. Harry of the Meridian Heights Baptist church, will speak in the morning on "The God of Nature and the God of the New Testament."

The Rev. Oliver K. Black of the Speedway Boulevard M. E. church will speak in the morning on "Carriage" and at night on "Blots." The night service will be given over to the young people for the installation of the Epworth League cabinet.

The Rev. William H. Kierling of the St. Paul Reformed church will speak in the morning on "The Gospel of Cheer."

"The Christian's Refuge" and "Pioneers of Faith—Isaiah," are the announced subjects of the Rev. Howard M. Pattison of the Barth Place M. E. church.

The Rev. George D. Billeisen of the River Avenue Baptist church speaks Sunday on "A Strange Royal Procession" and "A King's Invitation."

The Rev. Clive McGuire, executive secretary of the Federated Baptist churches, will speak in the morning at the Lynhurst Baptist church. The Rev. C. H. Schelek, pastor, will speak at night on "If Any Man Thirst."

The Rev. Edmund Kerlin of the First Evangelical church will speak in the morning on "The Lord's Coming to His Temple."

The Rev. Alpha Hunter Kenna of the Roberts Park M. E. church speaks in the morning on "Too Busy" and at night on "The Last Mile."

"Denial, Doubt and Faith" and "The Christian Challenge" will be the Sunday subjects of the Rev. Frank R. Greer of the Fountain Street M. E. church.

"If I Were Unemployed" will be the morning theme of the Rev. Joseph G. Moore at the Capitol Avenue M. E. church.

"The Salt of the Earth" will be the morning theme of the Rev. F. T. Taylor at the East Park M. E. church.

"What is the Kingdom Worth?" will be the morning theme of the Rev. J. S. Albert of the Gethsemane Lutheran church.

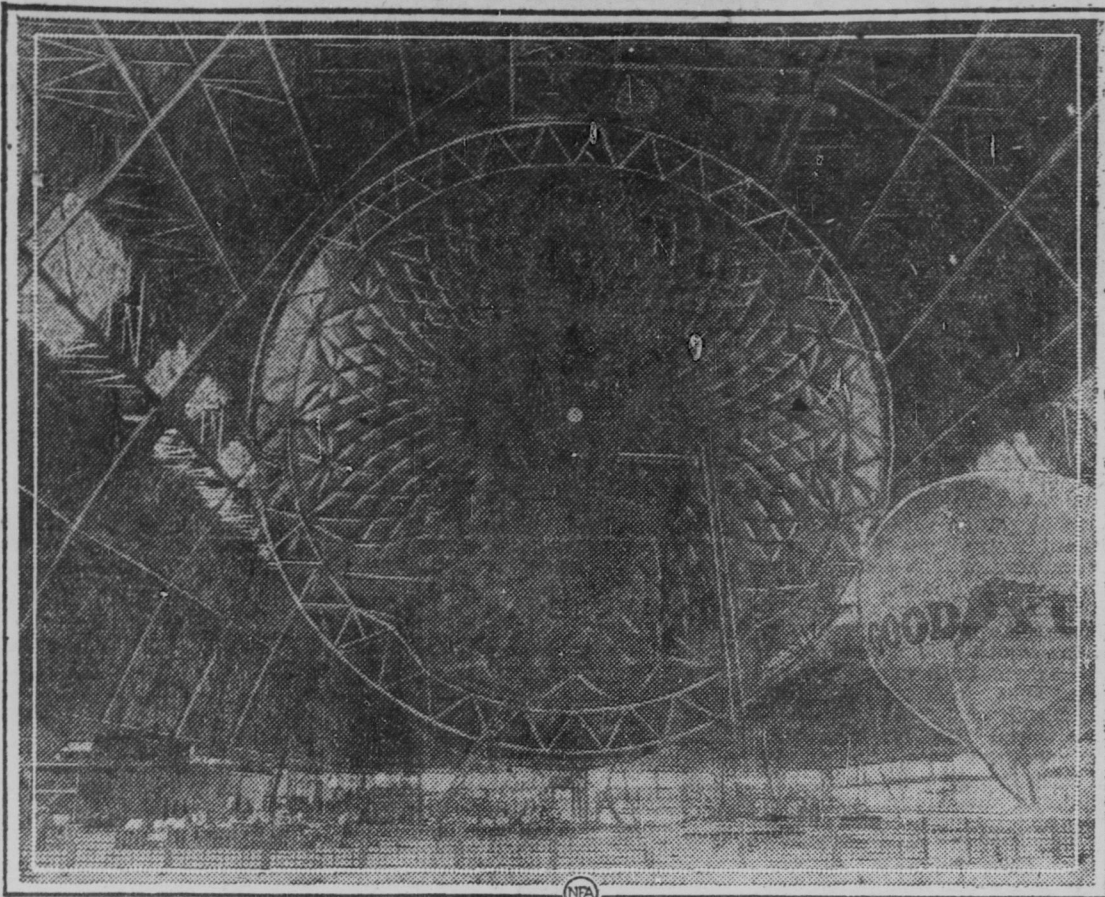
The Rev. Lee Sadler will speak Sunday morning on "The Refuge of Life," at the University Park Christian church.

"Must We Help God?" is the announced subject of the Rev. George P. Kehl of the Second Reformed church.

The Rev. George L. Stine of the University Heights United Brethren church speaks in the morning on "The Song of the Lord." Union

STANDS TEST OF SCIENCE

Giant Akron Staunch in Every Girder



Testing one of the twelve huge gas cells—Long before most of the construction work on the Akron had begun, engineers knew just what its twelve great gas bags would do when called upon to perform. Here you see a gas cell being tested with helium. Note its size in comparison with an 80,000-cubic foot free balloon nearby.

This is the second of six exclusive stories on the U. S. Akron, the navy's greatest of all airships which is to make its maiden flight at Akron, O., soon. The story told of some of the outstanding new features of this great craft.

BY ISRAEL KLEIN
Science Editor, NEA Service

AKRON, O., Aug. 1.—Christening on the U. S. Akron, the navy's greatest airship, by Mrs. Hoover on Aug. 8, here, will mark the end of one of a series of the most thorough tests ever made to assure to the United States navy a safe and perfect lighter-than-air craft. There is slight chance that it will ever suffer the fate of the U. S. Shenandoah, which broke in two in a storm over Ohio.

Long before construction began, these tests were under way. Even before the contract was signed by the navy and the Goodyear-Zeppelin Corporation preliminary tests had been made of various types of girders, strength of joints and materials of all sorts.

The tests were divided into three groups—metal structure, power plants and fabric parts such as the outer cover and the gas cells, according to Dr. Karl Arntsen, vice-president and chief engineer of the corporation.

"In the structural tests," explains Dr. Arntsen, "we first had to select the proper material. With the co-operation of the Aluminum Company of America, we succeeded in getting a new form of duralumin, improved to about 15 per cent beyond that already on the market."

"Naturally, this development could not be done without a great number of tests, first as to strength of materials and second as to their workability and resistance to corrosion."

To determine these factors we developed a special apparatus by which the material was alternately immersed in water and exposed to the air.

"In the same way we had to test all kinds of ordinary and stainless steels which were to be used for fittings, exhaust lines, exhaust manifolds, etc."

"After this we took up the design of channel or girder shapes. We wanted one that would give us the lightest weight possible, coupled with a satisfactory shape for making connections to joints."

"The result of these tests was a girder, lightened considerably by punching holes through it, yet strengthened by this very process. We made thousands of tests on individual channels. Then we built girders out of these channels and we tested these at various loads and in all lengths from a few inches up to 18 feet."

Finally, the first main frame was built in a horizontal position on the floor of the dock, but before it was set up in place, more tests and measurements were made on this. Then came completion of the ship bay or compartment of the ship and another series of exacting tests.

service will be held at night of all churches in University Heights. The Rev. Ervin Ogden will speak.

The Rev. Herbert F. Weckmueller of the Immanuel Reformed church speaks in the morning on "The Real Value of Life."

"The Bread and the Cup" will be the morning theme of the Rev. James Harper of the Christian and Missionary Alliance. At night, the young people will be in charge.

Dr. Robert Alexander of All Saints' Cathedral will speak in the morning on "The Highest Thrill."

"The Wickersham Prison Report" will be the Sunday morning theme of the Rev. George S. Southworth at the Advent Episcopal church.

"The Pharisee and the Publican" and "Barriers Rolled Away" will be the themes of the Rev. Walter Bruce at the Bellaire M. E. church.

"Birds—The Trustful Life" and "The Law of Helpfulness" are the announced subjects of the Rev. Brooks Shake at the Grace M. E. church.

"Possibilities in Prayer" and "The Quest for Reality" are the announced themes of the Rev. Robert M. Sells of the Riverside Park M. E. church.

The Rev. Wilbur D. Grose will speak on "Three Stories and a Challenge" in the morning at the Fifty-First Street M. E. church.

"Let's Get Where We Are Going" will be the subject of Merle Sidener before the Christian Men Builders, Sunday morning.

A FULL size gas cell was installed in the bay and inflated to full capacity with helium. Detailed measurements were then made of the stresses and strains on the whole structure. In addition, every individual joint in this first compartment was tested.

The problem of installing the motors inside the hull of the Akron, with only the propellers projecting, a new step in airship design, was considered early.

"To prove the workability of such a unit," Dr. Arntsen continues, "a test stand was built. This was a duplicate of the section of the structure surrounding an engine room and everything was set up just as it would be built in the ship."

"The complete power plant unit was tested for about 600 hours, which, assuming an average speed of 70 miles an hour, is equivalent to over 40,000 miles."

THESE tests included not only thorough trial of the powerful Maybach engines, but of the transmission, the tilting propellers and their swiveling arrangement, the water recovery system and other power plant auxiliaries.

In their study of the outer cover, the engineers sought to develop better methods of applying the "dope" which weatherproofs the ship. They

found a "dope" that would tighten the fabric after it was applied. The Los Angeles already had been an experimental laboratory for new types of gas cells to be substituted for the expensive "gold beater skin."

As a result, the Akron has both rubberized and a gelatinous latex fabric for its cells.

There were all sorts of other tests—of joints, girder assemblies, electrical installations, pumps, wiring—not only for material, but for the discovery of the best technique in applying this material to the airship.

When the first huge fin was completed on the floor of the dock it was tested under extreme load and measured for various deflections and stresses.

A report of every one of these tests was sent to Washington for approval or comment before work could proceed on that particular part. More than a thousand test reports were issued.

More than 20,000 drawings were made, and from these nearly half a million blue prints printed. All these were needed for the construction of the Akron and for files at the Goodyear-Zeppelin Corporation and the navy department at Washington.

Next: Operation tests that must be made before and after the Akron takes the air.

STEGEMEIER TO
VISIT GERMANY

Restaurant Man to Settle
Brother's Estate.

Forty-one years ago, Richard W. Stegemeier, restaurant owner, 46 South Capitol avenue, returned to his native land, Germany, to bring a bride back to the United States.

Monday he will leave New York for his first trip to his "fatherland" since 1890.

Stegemeier is returning to Germany on the Bremen to settle the estate of his brother, Henry Stegemeier, who died here Feb. 19.

The brothers were famous in Indianapolis and throughout the sporting world for their cafe on North Illinois street before prohibition.

"Dick" admits that his return to his native land is not without the compensating thought of a good cold bottle of German lager.

He will visit three sisters, heirs in the estate of his brother, in the provinces of Baden and Hanover.

He will return to the United States within six weeks.

"When my sisters last saw me I didn't have a white mustache and white hair," he commented as he prepared for his trip.

GENOA HOTEL BOMBED

Prominent Italians, Awaiting Liners' Launching, Are Unhurt.

GENOA, Aug. 1.—A small bomb exploded today with slight damage inside the Hotel Colombia, in which many well known Italians were spending the night. It was the sixteenth bombing incident in Italy within the past few months.

The hotel was crowded with visitors attending the launching of the liner Rex, luxurious trans-Atlantic Italian passenger liner.

SALARIES ARE REDUCED

Paper Firm Officials to Lose 10 Per Cent; Workers Unaffected.

HOLYOKE, Mass., Aug. 1.—All officials and salaried employees of the American Writing Paper Company of this city must accept a 10 per cent cut in pay, effective today, urday.

President Sidney L. Willson said in making this announcement that the cut would not affect employees paid by the hour.

TRANSFER BUS DEPOT

Indianapolis Motor Company to Move to Traction Terminal.

Depot of the Indianapolis Motor Company will be transferred to the Traction Terminal building soon, James P. Tretton, Indianapolis Street Railway superintendent, announced today.

Space formerly devoted to traction tracks is being paved to provide bus runways. Abandonment of several interurban lines made the tracks no longer necessary.

That's Justice

CLEVELAND, Aug. 1.—Little Julia Dassel, 33 months old, still is with her mother today because Judge Samuel H. Silbert has old-fashioned ideas about the rearing of babies.

"Babies should be allowed to grow up naturally," the judge said in ruling against Julia's father, who sought to gain her custody. "Fashion does not decree for children. They should wear a minimum of clothing when it is hot."

The baby's father had charged he found Julia wearing "only a shirt" when he visited her.

SHAW LAUDS SOVIET

Says Europe's Hope Lies in Adopting Russian Plan.

By United Press

WARSAW, Poland, Aug. 1.—George Bernard Shaw, returning from a brief visit to Soviet Russia, said today England and other European nations should follow the Soviet plan if they would save themselves from economic disaster.

The Irish playwright was enthusiastic about what he saw and heard during a ten-day tour in Moscow and Leningrad.

"The Russian five-year plan is a great success," he said in an interview at the railway station. "To save themselves, England and other European countries must follow the remarkable example of human effort taking place in Russia."

"There's no starvation in Soviet Russia," Shaw added, "and the workers live much better there than in other countries."

Wife Seller and Buyer Jailed

CHICAGO, Aug. 1.—John Los sold his wife to Steve Labinovich for \$100, but when he received only \$25 in cash, Mrs. Los' pride was stung and she took the matter to court. Judge Edgar Jonas ordered John and Steve to work out \$101 fines in jail.

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PUSH CAMPAIGN
FOR PARDON OF
STEPHENSON

Drive for 100,000 Signers to Continue Despite Darrow's Views.

Elias W. Dulberger, Indianapolis attorney, is going right ahead with the pardon petition for D. C. Stephenson, despite the pronouncement of Clarence Darrow condemning the procedure.

Dulberger made this announcement today, following a statement issued by Darrow at Michigan City, after a visit to the Indiana state prison, where he conferred with the one-time klan dragon, now serving life sentence for murder.

"We did not know anything about the petition for a pardon until it appeared in the press," the Darrow statement set out. "Of course, every man needs friends, and Mr. Stephenson more than most men."

"We do not believe that this is a case for a pardon. Certainly we would not advise it. This case is pending in the supreme court and it should be passed on by the courts. If it is reversed and he finally is discharged, it means he never was guilty."

But Dulberger declared that his organization, headed by Henry F. Kottkamp, will continue to secure 100,000 signers for the Stephenson pardon petition.

"Darrow may be the lion of Chicago, but I am the daredevil of Indianapolis," Dulberger declared.

Meanwhile, Stephenson interviewed in his cell, asserted he had placed his hope in "God and Clarence Darrow."

Darrow is an atheist.

GRILL MURDER SUSPECT

Accused Slayer of Detective Questioned About Other Shootings.

Held on a murder charge for the slaying of Detective Sergeant Carl Heckman, Richard Perkins, Negro, is being grilled in connection with several killings almost contemporary with the shooting of Heckman Jan. 3.

Among them, detectives say, are the ambush of Louis L. Davidson, grocer, and the slaying of M. F. Bell, grocer, who died in a battle when he resisted two Negro bandits in his store the night before Heckman was shot.

'FISHING' THIEF ACTIVE

Pole Wielder Snags Trousers From Window; \$50 Is 'Catch.'

The Nimrod burglar got \$50 this morning for a few minutes work. The Nimrod uses a clothes prop or what-have-you-in-your-back yard to fish trousers out of windows and then extracts the money from them.

Early today he fished for the pants of Charles Murrelo, 541 West Merrill street, and obtained fifty "fish," or \$50, in coin of the realm.

Ten Newcomers
To The Talkies

Who is This One?



BY DAN THOMAS
NEA Service Writer

HOLLYWOOD, Aug. 1.—Born into New York society, this lovely, curly-headed newcomer to the talkies was forced to go to work at 15 because of financial reverses. . . . She modeled for an exclusive Fifth avenue dress shop, wrote fashion and love stories for a group of newspapers. . . . Then came work in a law office. . . .

She studied law at Columbia university at the same time, but spurned a legal career for a chance on Broadway, reaching the peak there in "Lost Sheep," the play which brought her a movie contract. . . . She is 21 years old, 5 feet tall, has dark hair, hazel eyes and puts on ounces in spite of a light diet.

In other words, she is Sidney Fox.

NEXT: A girl who began life on a western cattle ranch and began her stage career in a Memphis stock company. Who is she?

REPORTERS SEE
RETALIATION IN
HOOVER SILENCE

Press Conferences Canceled After Reprimand on News 'Leaks.'

BY RAYMOND CLAPPER
United Press Staff Correspondent

WASHINGTON, Aug. 1.—White House press conferences have been canceled frequently by President Hoover since the recent attempt to prevent leaks of news to reporters through personal sources, and this has caused some concern among a large number of newspaper correspondents here who serve as eyes and ears for the reading public.

Since the White House began its unsuccessful attempt to discover the private sources of newspaper reporters, six of the eight scheduled Tuesday and Friday press conferences have been canceled by President Hoover.

Twice when he had something to say, he held the scheduled conferences. One was on July 10 when Mr. Hoover took short sellers in wheat to task as unpatriotically depressing the price of wheat; the other on July 14 when he revealed the virtual consummation of his moratorium plan.

Only for Announcements

Theodore G. Joslin, the President's press secretary, denied Mr. Hoover has any intention of abolishing the regular press conferences.

"The President has no such purpose and the conferences will continue to be held whenever the President has anything to say," Joslin told the United Press. He saw no need of a conference unless the President had an announcement to make.

A conference was scheduled Friday for 4 p. m., but Mr. Hoover left for his Rapidan camp two hours earlier. Correspondents were summoned to the White House at the regular conference time. From Joslin they received a formal presidential statement on drought and grasshopper relief.

Admits Many Privately

Mr. Hoover sees more newspaper correspondents privately than any President in twenty years. Often he talks with great freedom about public affairs. Such meetings are of great assistance to those who have the opportunity.

The President sees a few favored correspondents frequently. Others have little difficulty in obtaining appointments.

Newspaper correspondents prepare written questions and submit them in advance for the President's examination. President Hoover gradually abandoned any attempt to answer most of the questions long ago though many reporters continue to submit them hoping eventually to strike oil.

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YOUR WIFE WENT
ON STRIKE

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POLLY
MORAN

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