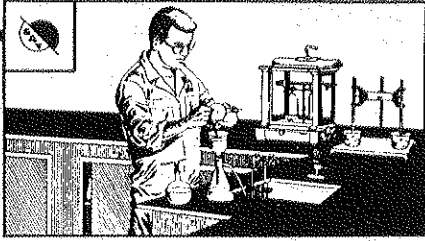


# THE WINGFOOT CLAN

GOOD YEAR



## ATOMIC EDITION

THE BEST IS YET TO COME

VOLUME VI

PIKE COUNTY, OHIO, WEDNESDAY, APRIL 1, 1959

NUMBER 13

### Review of Labor Relations

The employees listed below have been elected to serve as Officers, Committeemen, and Stewards of Local 66, United Plant Guard Workers of America.

President, R. Rickey; Vice President, C. H. Canter; Recording Secretary, S. Murray; Financial Secretary and Treasurer, E. R. Weakland; Trustee, W. O. Knauff; Trustee, E. G. McClay; Sergeant at Arms, A. C. M. Evans; Guide, E. L. Murphy; Committeeman, R. L. Friece.

Stewards — Day Shift, C. E. Kough; A Shift, H. T. Thompson; B Shift, D. E. Pistole; C Shift, A. N. Stevens; D Shift, R. E. Gray.

The first meeting on wage negotiations affecting OCAW, 10-689, was held March 19. By mutual agreement the next meeting is scheduled for April 14.

The Company and the UPGWA, Local 66, have submitted one case to arbitration which will be heard by Arbitrator Robert McIntosh April 10.

### OUR RED RIVALS

By Harold Mansfield

(NOTE: This is the second of a series of articles taken from "Our Red Rivals". The articles are copyrighted by the author.)

#### PART II

In school, in the factory, at the art exhibit, work is touted as the basic virtue in Russia. The brass ornament on your hotel room desk consists of three men bent low and pulling a load. The sculptor has made them appear to enjoy it.

Waiting on the street, you talk with a man about jet transports and things. "Are you pleased with Russia's progress in industry and science?" you ask.

"Naturally."

"Why?"

"Because it makes more work."

By the swan pool in Gorky park you ask a keen-looking lad what field he wants to enter when he grows up.

"Science."

"Why? Because of the high pay? Fame?"

He wrinkles his forehead. "Because it is useful," he says.

On the deck of a Sunday afternoon boat up the Moscow River you slide onto the bench beside a man in work clothes, taking a bundle of berry bushes home to plant. He is a skilled mechanic in a nearby factory. You talk with him about his work.

(Continued on page 3)

### Facts All Should Know About Blood Centers

The first blood bank in the United States was established in 1937. Since that time there has been a great increase in the therapeutic use of blood and its derivatives and, consequently, a steady growth in the number of blood banks.

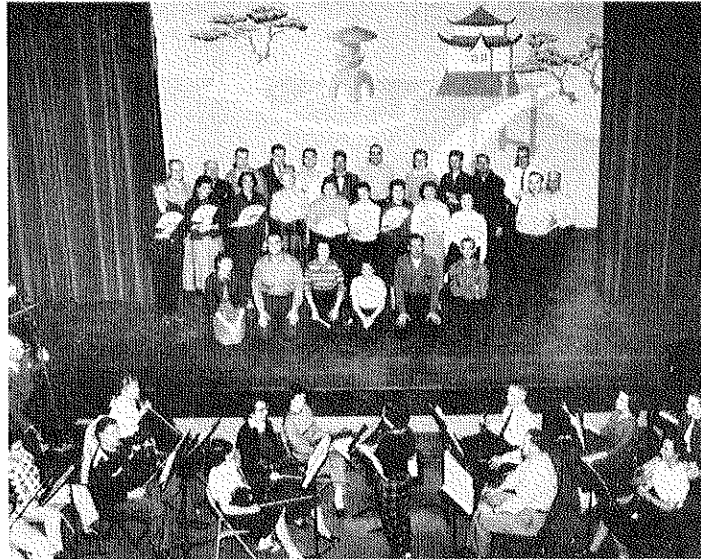
William Harvey first announced his observations on the circulation of the blood in his lectures in 1616. It is believed that an English physiologist performed the first successful transfusion on animals in 1665. The first well-documented transfusion to man was probably performed by Jean Baptiste Denis in 1667, who transfused the blood of a lamb into a youth. This was rarely performed for the next 150 years. About 1818, James Blundell, English Physiologist and obstetrician, revised the procedure and insisted that human blood was more effective than that of animal origin. His writings probably introduced the subject to the American profession.

Two things of great importance was the discovery of the four blood groups and the introduction of sodium citrate as an anticoagulant. This permitted, for the first time, what is termed "delayed transfusion," which simplified the operation to the skill of anyone who inserted a needle into a vein. This procedure was employed extensively in the treatment of the wounded in World War II. Another landmark was the discovery of Pyrogens a substance found in distilled water. By taking certain precautions against the contamination of fluids with pyrogens, injections of solutions or blood can be given to human beings with a minimal incidence of chills and fever.

Preservation of Blood-Results from the studies for the preservation of blood started the first blood bank. A report published in 1918; told how stores of blood were collected for transfusing wounded soldiers of the British Army. The first blood bank in the United States was organized in 1936 at Cook County Hospital in Chicago. World War II brought along a greater need for preserved blood for troops in combat. The British Army Blood Transfusion Service, and later the U. S. Army and Navy (who transported blood by airplanes from U. S.) serviced the European and Mediterranean Theater Operations and also the Pacific Oceans Areas. The experience in wartime had a profound effect on blood needs for civilian practice.

After the war the Red Cross in

(Continued on page 2)



THE MIKADO. Pictured above are members of the cast which will present Gilbert and Sullivan's "The Mikado" in Waverly, Chillicothe, and Portsmouth.

### "The Mikado" To Be Presented April 10

The Atomic Area Operetta Guild will offer the first presentation of Gilbert and Sullivan's "The Mikado" April 10, at 8:15 p. m., in the Waverly High School auditorium. Other presentations will be in the Chillicothe High School auditorium April 18, 8:00 p. m., and Portsmouth High School auditorium on May 2, 8:30 p. m.

Several GAT employees are active in the Guild. Serving as officers are the following: President, G. R. Stone; Vice President, Merlyn Hanson; Secretary-Treasurer, W. C. McCluggage. Members of the Board of Directors include G. H. Reynolds, Virginia Isaman, and S. J. Zangri.

Goodyear Atomic employees and/or their wives playing in the orchestra are: S. D. Schneider, Barbara Murray, S. J. Zangri, Clarence Neal, Virginia Isaman, Larry Barker, and Mrs. Frank Musil.

GAT people that help make up the chorus are John Cannon, G. H. Reynolds, Arthur Pickelheimer, Fred Keppler, W. G. Wilder, Robert Hook, Robert Nugent, Virgil Emler, Dolores Landreman, Alice Pitts, Catherine Stone, Florence Keppler, and Sabina Hanson.

Representing Goodyear in lead parts are G. R. Stone as Ko Ko, Merlyn Hanson as Pish Tush, Virgil Emler as the Mikado, Janet Nesler as Yum Yum, and Shirley Gossage as Peep Boo.

Vince DeVito is the dramatics director. Working on the set are W. C. McCluggage, J. Biscanto, Merrill Oakley, and J. W. Lewis.

Business manager is W. C. McCluggage. Ed Hartnett designed the program cover. G. R. Stone is responsible for photography. Elmer LaBarge is the publicity manager.

Employees interested in obtaining tickets for the Waverly appearance

may purchase them from W. C. McCluggage, operations analysis department, X-100 building. Merlyn Hanson, electronics department, X-710 building, has tickets for the Chillicothe presentation. Tickets for the Portsmouth appearance may be obtained from G. R. Stone, safety engineering department, X-100 building.

### Income Tax

Taxpayers are responsible for the facts and figures set forth on their Federal income tax returns for 1958.

No matter who actually prepares a return, or assists in preparing it, the taxpayer who signs it bears full responsibility for it.

Taxpayers should naturally furnish such professional people complete and accurate records to insure acceptable returns.

Taxpayers who need professional help to prepare Federal income tax returns for 1958 should make doubly sure they select only qualified and competent firms or persons.

Be careful of the "expert" who will no longer be around to help answer questions which Internal Revenue might ask about your return after the filing period.

The best assistance may be obtained from members of the legal and accounting professions. Business associates in bookkeeping and accounting departments, banks and similar institutions, are well qualified for the work.

### VACATION TIPS

This year most vacationers want to stretch their vacation budgets. Can you do it and still have a trip worth taking? Here are 15 tips that can help you cut costs and still enjoy yourself:

1. Plan carefully. Haphazard, "pot-luck" trips are the most costly. Make a vacation schedule, basing it on economical stops and attractions, and stick to it as closely as possible.

2. Try something different. One suggestion: a college town. Many are attractive, close to resorts.

3. Capitalize on free offerings. Your state capital often is rich in history. Industries offer free tours. National and state parks are top bargains.

4. Do some work yourself. "House-keeping" cottages and cabins cut food bills — though Mom must prepare meals, tidy up. A good trick is to cook only breakfast, eat other meals out.

5. Try camping. Take gear from home—old utensils, blankets. Campsites seldom cost more than 50 cents a night.

6. Pack a picnic basket. You can do this every day — there are plenty of wayside parks. Even the first day's lunch, brought from home, can save a family of four \$5 and up.

7. Have a car checkup. Break-downs later can mean expensive towing fees or repair charges far from home.

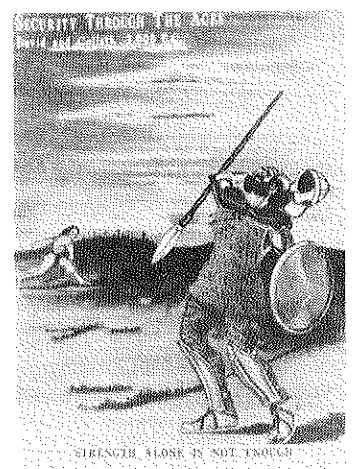
8. Travel off-season if possible. June is the thrift month on Cape Cod, mid-summer in Florida, early fall in many beach resorts. Shape your plans to take advantage of these bargains.

9. Stop early in the day. An hour's difference — a 3 p. m. stop instead of 4 — can mean your choice of

(Continued on page 3)

### Security Through The Ages

FOURTH IN A SERIES



STRENGTH, SLONER IS NOT ENOUGH



**LADY PILOT.** Jo Ann Fraley is pictured about to enter her J-3 Piper Cub airplane. She recently soloed after receiving dual flying instructions from C. E. Kough, police department.

## JO FRALEY HAS THRILL OF SOLO FLIGHT

If enthusiasm is the formula for success — then Jo Fraley, safety engineering (code group), will be successful.

Recently Jo made her solo flight in her own J-3 Piper Cub. This was the climax of a long drawn-out series of flight instruction. She began her flying lessons in July, 1958, in an Aeronica Champion plane owned by the manager of the Scioto County Airport. In the next six months, for one reason or another, she was able to get only 16 hours of flying time. The uncertainty of obtaining a plane for student training led her to purchase a plane of her own.

Following the purchase of the plane, she took flight lessons from Charles Kough, a commercial pilot, who also is a member of the GAT police department. She received six hours of dual instruction from Kough, and then made a twenty minute solo flight.

"The expression of the peaceful feeling and enjoyment obtained from flying," Jo says, "would be difficult to explain. I have no great ambitions where flying is concerned — but someday I would like to own a 'clean', fast moving two place (side by side seating) aircraft which would enable me to 'hop in and take off' for . . ."

If she can develop enough confidence she hopes to take off for Cape Cod to vacation this summer.

If you want to build enthusiasm for flying just mention the topic to Jo Fraley. Seemingly, without any effort, she can lecture at length on the merits of aviation as a leisure time activity.

## BLOOD CENTERS

(Continued from page 1)

the United States saw the need of an established program for communities, region or state. In June 1947, Red Cross announced a new program designed to provide blood and blood derivatives for medical use on a national scale, without charge for the products, and in sufficient quantities to meet the needs throughout the country. The Red Cross today is pre-

## NO ONE WAS HURT

So it wasn't much of an accident as accidents go. Just a couple of smashed-up fenders and few body bumps. Nobody suffered even a scratch or a bruise.

But let's see just what that minor accident meant to the people involved:

One family had to call off a long-planned vacation.

The other driver, a salesman, was without his car for a week. And he couldn't work without it.

Those two crumpled fenders cost almost \$150 to repair — even then the car wasn't the same.

A little accident — but a big headache. We all know, of course, accidents which kill are tragedies. But did you ever think of how even a "little" accident can cause great inconvenience and spoil all your "little" fun?

And minor highway mishaps aren't the only "little" accidents that disrupt the even flow of life. Accidents in the home and on the job also have a way of fouling schedules, causing confusion and messing up things in general.

Take, for instance, that slip on the stair and the sprain that resulted. Nothing serious? Well, let's see —

There were the doctor's visits and his fees.

There was the pain of the injury.

There were the days in bed, the cancelled holiday trip, the bowling you missed — to go no further.

Small cuts and sprains may not hurt the plant safety record — but they hurt you and spoil your fun.

That twisted ankle doesn't keep you away from work but that throbbing ache hurts plenty.

You can still work with that gash in your hand — but you can't bowl or play golf.

pared to develop, finance, and conduct such a program wherever it is requested to do so. Thus, we now have today's modern, efficient and properly supervised blood centers throughout the country.

## Williamson Chairman

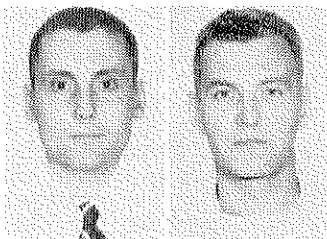
A. L. Williamson, industrial relations division manager's staff, recently was elected President of the Board of Trustees of the Pike County Educational Assistance Fund. Williamson represents the Piketon Lions Club. Other GAT employees serving as Trustees are Fred Keppler, mechanical development department, representing the Beaver Lions Club; W. B. Andrew, utilities maintenance department, representing Local 10-689, OCAW; with John Wettstein, electrical maintenance department as alternate; and Mrs. Robert L. Smith, of the GAT Women's Club of Pike County. A total of ten county-wide organizations participate in the scholarship program.

The Board of Trustees administers a \$500 scholarship which is awarded to a graduate selected from one of the five high schools in Pike County. The purpose of the scholarship is to assist the recipient with first-year college expenses.

Recipient of the scholarship for 1958 was Barbara Weimer, daughter of Ray Weimer, machine shop. Barbara, a graduate of Piketon High School, is currently enrolled in Ohio University where she is majoring in home economics.

## Recent Transfers

John H. Dalton, supervisor of the mechanical inspection department, was transferred last month to Goodyear Aircraft Corporation's SUBROC program.



J. H. Dalton

G. J. Shane

Dalton joined GAT in May 1953 as a cascade coordinator. He and Mrs. Dalton lived at Lake White.

G. J. Shane, plant engineering department, was transferred to the plant engineering division of the Goodyear Tire and Rubber Company last month.

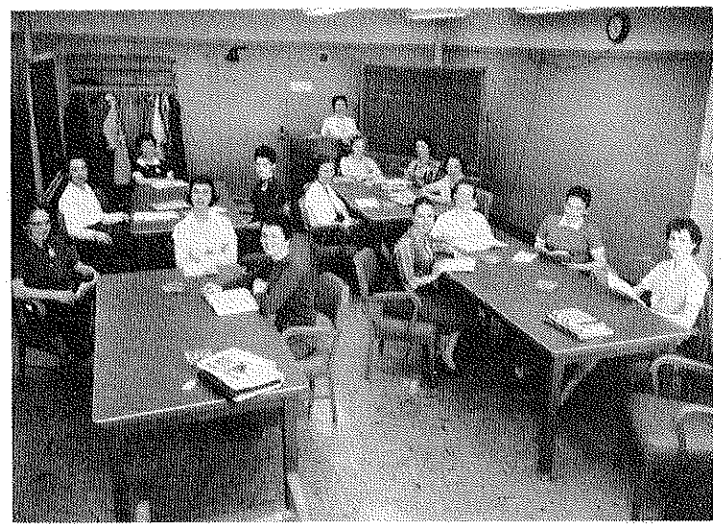
Shane transferred to GAT from GT&R in 1953 as a member of the instrument maintenance department. In 1956 he transferred to plant engineering.

Mr. and Mrs. Shane resided in the Minford area.

## SAFE DRIVING

We have reached the point where we have 100-miles-an-hour motors in 80-miles-an-hour cars, travelling at 60 miles per hour on 40-miles-per-hour highways and roads, with a great number of 20-miles-per-hour drivers behind the wheels.

We all know that there's a line on the ocean. When it is crossed, you lose a day. There's a line on the highway, too, where you can lose even more.



**SECRETARIAL TRAINING COURSE.** Representatives of the Monday and Tuesday evening classes smile prettily for GAT cameraman Don Landstrom. The first five-week unit devoted to English Usage began on March 2. Seated at the table in the left foreground and reading clockwise are Clara Payne, cashiers department; Betty Lou Stroth, tabulating service; and Sally Roeh, SF material accounting. At the table left rear and reading clockwise are Edna Martin, police department; Genevieve Gundlach, inspection and safety subdivision; and Donna Penn, plant engineering. Seated at the table in the right background reading clockwise are Shirley Burns, purchasing department; Dolores Hoover, SS engineering; Evelyn Hammond, utilities operations; and Mildred Taylor, accounting department. At the table foreground (right) are Wanda Plummer, uranium control; Faye Thompson, standard practice department; Judy Lawson, medical department; and Katherine Kinker, stores records department. The instructor, Dolores Landreman, technical review department, is standing at the speaker's rostrum.

## Red Cross Nursing Service Celebrates Fiftieth Anniversary

This year Red Cross Nursing Service celebrates its 50th anniversary. It has been a half century of growth, distinguished achievement, and sensitive adjustment to the needs of American communities and our national defense.

Today's Red Cross nurse is a worthy successor to the fine women who preceded her. Some 58,000 professional nurses are enrolled as volunteers for community service through Red Cross chapters. They serve in first aid stations, community clinics, and immunization programs. They work in the Red Cross Blood Program and as instructors of home nursing and of nurse's aides. They assist civil defense authorities. They rally to the Red Cross banner for emergency duty whenever disaster strikes or epidemic threatens.

Keeping pace with the growing public concern for the welfare of our aging neighbors, Red Cross nurses, in increasing numbers, are assisting in the care of the aged through training nurse's aides and other Red Cross volunteers to care for elderly people both in their homes and institutions.

Nursing care of the sick and wounded was fundamental to the Red Cross ideas as conceived a hundred years ago by Henri Dunant, founder of the Red Cross. Our own Clara Barton was a brilliant practical nurse in her work in the Civil and Spanish-American Wars. But it was not until 1909 that a Nursing Service was officially established in the program of the American Red Cross; in that year Jan A. Delano, Superintendent of the Army Nurse Corps, was appointed first chairman of the National Committee on Red Cross Nursing Service.

## Secretarial Course Proves To Be Popular

A three-semester "Secretarial Procedures" training program is now underway. Forty-seven female employees are enrolled in the first five-week unit. The group is divided into two classes and one group meets on Monday and the other on Tuesday in the Top Secret Conference Room. The demand for the course necessitated making it available two evenings. Classes are of two hours duration beginning at 4:05 p. m.

Each semester consists of fifteen weeks. The first unit is being taught by Dolores Landreman, technical review department, the second and third units by Marian Shawkey, employment department. The first unit is English Usage and the second and third units are fundamentals of Secretarial Procedures.

Those who satisfactorily complete the entire three semester program should have the necessary background to register for the two-day examination sponsored by the National Secretaries Association and developed by the Institute for Certifying Secretaries.

## High Series

Don Jesse, on March 16, set a new record for the Weiss Recreation Center in Goodyear Atomic competition. Bowling with the "Chiefs" in the Waverly Men's Monday Night League, Jesse had games of 222-235-223 for a series high of 680. This series is second only to Junior Davis who bowls in the City League. His series highs have been 720 and 688.

Other members of the "Chiefs" are Bill Pearson, Bill Armstrong, Jerry Althouse, and H. McClelland.

# THE WINGFOOT CLAN

ATOMIC EDITION

THE BEST IS YET TO COME



Published semi-monthly in the interest of employees of the Goodyear Atomic Corporation.

Office: X-100 Building, Second Floor, South Wing Telephone 2165

Editor . . . . . F. D. Hyland

Community Relations Coordinator . . . Paul F. Bliss

Member Association of Nuclear Editors and affiliated with International Council of Industrial Editors.

## A MAN OF STATURE

When a man of stature passes from this world, many try to measure his loss by examining the contribution he made during his life. Usually this is done with a long listing of accomplishments, awards, citations, publications.

This same approach could be taken in trying to measure the loss to our society in the death of P. W. Litchfield. The list of Mr. Litchfield's accomplishments in his chosen field would be impressive. His awards, citations, published works would easily mark him as a leading figure in the industrial world.

Mr. Litchfield was a teacher and a friend to man. His loss cannot be realized in any list of specific things accomplished, awards won, or positions held.

One word always exemplified his major contribution. That word is quality. Quality was the goal he sought to reach and which he achieved more often than most individuals.

His goal was quality in living, quality in workmanship, quality in product produced, but above all a quality of service to his Country.

## OUR RED RIVALS

(Continued from page 1)

you get paid more every year?" you ask.

"Not necessarily. We get paid more when we do more and better work."

"Do you think this is a good system?"

"Da. Good."

A big, brightly-colored factory poster shows a vigorous youth pointing to a minute on the clock. "Watch the working minute!" he cautions. "Time is the people's wealth." A chart shows how much steel, coal, sugar, housing is produced "in our country" per working minute.

"In our country, everyone works," the people tell you with pride.

Then they ask about your country. "Is it true there are four million unemployed?"

You explain: "At present the prices on some things have gone rather high and people are not buying as they did. Wages and prices are high. But the state pays those who are out of work."

"How much does a skilled worker make in America?" asks his Russian counterpart, who earns 1,200 rubles a month — or 60 cents an hour, figured at ten rubles to the dollar. (Tourists are given ten rubles to the dollar. Official exchange is four to the dollar, but based on prices, ten to one seems nearer correct.)

"In America he gets \$2.50 to \$3 per hour; maybe more," you say.

He is thoughtful, possibly incredulous.

You are thoughtful. You begin to see the problem in an unwelcome light.

Khrushchev spoke of the communist economy "proving itself" and "transforming itself into a world economy through peaceful competition." This competition, obviously, is to be in the world market. On one side is America, with its highly priced man-hour. Up to now it has made good that high cost, by machinery and tooling and mass production. But here you find Russia setting up with deliberate care the same mass-production technique, with low-cost man-hours. You quickly decide America will not relinquish its high pay, because it makes purchasing power. You see a challenge of immense proportions looming before United States industry: How to match a coming giant rival whose ideal is output, not pay.

Before your eyes, you can see the seeds of the great contest being planted. Hotel lobbies and dining rooms are teeming with foreign guests — Asians, Africans, a South American talking business with a Russian host across champagne and caviar. Seeds of peaceful competition.

A strange thought crosses your mind: a future Russia emerging from the iron curtain and America withdrawing behind the dollar curtain, priced out of the market, left trading with itself. "Could it be?" you ask yourself.

You meet a young man from West Africa, jet black, intelligent of speech, a student. He has just visited China, watched the great anti-American rally in Peking. He is touring Russia and western Europe. "I'd like to see America," he says, "but it costs too much."

"A round trip flight from London to New York is down to \$450 now,



Employees who will receive five year pins between April 1, and April 15, are as follows:

- |                  |                 |
|------------------|-----------------|
| R. E. Gray       | H. E. Gowdy     |
| C. H. Canter     | R. F. Kaufman   |
| J. H. Homan      | J. P. Hortel    |
| W. S. Smith      | E. L. Hill      |
| M. R. Hertz      | C. E. Snoddy    |
| M. E. Jacobs     | H. F. Roark     |
| O. G. Emshwiller | J. F. Massie    |
| J. L. Thoms      | C. R. Logan     |
| G. J. Deitel     | C. R. Holdren   |
| J. M. Marcum     | S. O. Knight    |
| R. D. Owens      | E. V. Fraley    |
| C. D. Evans      | P. M. Humphries |
| F. Copen         | E. H. James     |

## VACATION TIPS

(Continued from page 1)

motels, hotels, and tourist homes.

10. Drive at a moderate speed. You don't have to be told this will lessen wear and tear on the car. And 50 mph instead of 70 saves about one gallon of gasoline in four.

11. Take advantage of the outdoors. Fishing licenses are cheap. A walk in the woods costs nothing. This can be your year to get in touch with Nature — a real bargain.

12. Pick commercial attractions carefully. Gardens, caves, historical shrines—they must be good to compete with free attractions. But watch out for free "gimmicks" — zoos, for example — that may have you spending money before you know it.

13. Budget your money. A family of four can figure an average of \$29 daily, but you can cut that by planning. A daily record of spending will help.

14. Buy practical souvenirs. Cheap trinkets look enticing along the way, but you probably can get the same thing at home — for less.

15. Let Mom handle the money. If she can squeeze full value out of her grocery dollar, she can do it on the road — and guarantee a more economical, enjoyable trip for all of you.

## CHANGE OF ADDRESS

The mail department recently received a request for a change of address from H. H. Heath, utilities maintenance department. His new address is 1718 17th Street, Portsmouth. His badge number is 1718.

economy fare," you tell him.

"But it's the hotel, the meals, the living costs," he says. "I can't afford it."

America's problem.

You consider an out. Soviet state-owned industry may fail to prove itself; may never be able to produce an equal product for less money. American ingenuity is too much for them. Or is it?

It's time to go into some Soviet plants, talk to the directors, the engineers, the trade unions. See for yourself how they're doing. You set out.

(To be continued)

# The Peaceful Uses Of Fusion By Dr. Teller

4th Installment

A plasma is composed of equal numbers of positively and negatively charged particles. The basic idea of the mirror machines is to confine a plasma by using the magnetic mirrors to reflect the individual charged particles of the plasma each time they approach the ends of the confinement chamber. If the mirrors can reflect each particle many thousands of times before it can escape, then the chances of its undergoing a fu-

sion reaction before escaping are correspondingly increased.

The reflection of charged particles by a magnetic mirror arises from the fact that magnetic forces act at right angles to the direction of the magnetic lines. This is the reason that a charged particle in a strong magnetic field always moves in a coil spring-like path, the field acting continually to deflect the path of the particle into a curve. But upon nearing the magnetic mirrors the magnetic lines of force gather closer together, so that they no longer lie parallel to the axis of the tube.

Thus in this region the magnetic forces, being stronger and at right angles to the field lines, act not only to curve the particle in a tighter circle but to repel it from the mirror. If the mirror is strong enough most of the particles can be reflected, much as a ball thrown at the wide mouth of a funnel would usually be reflected if the walls of the funnel were not too gently sloping.

Continuing the analogy, particles which move too nearly along the lines of force (i.e. hardly spiral at all) will not be reflected by a magnetic mirror but will escape through it.

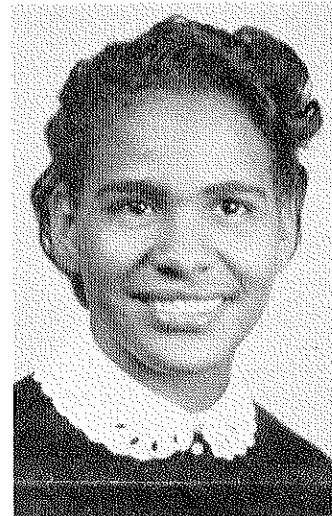
This means that only those particles of the plasma will stay trapped between the mirrors which have enough spiral motion in the field. But once trapped, if there were no reflections acting to deflect the particles from their spiralling motion, they would continue to fly back and forth between the mirrors for a very long time, being reflected perhaps hundreds of millions of times. However, since the effect of repeated collisions between the trapped particles can result in their deflection into the paths which aim along magnetic field lines, collisions will eventually lead to the loss of any given particle through the mirrors. But the more energetic a particle is, the less likely it is to be deflected by collision with another particle, and the more likely it is to undergo a fusion reaction if it does collide.

Thus losses from deflecting collisions should become less likely and the rate of fusion reaction become greater as the plasma kinetic temperature is made higher and higher. This means that the best hope of utilizing the simple mirror principle in producing a self-sustaining fusion reaction probably lies in operation at very high kinetic temperatures, perhaps a thousand million degrees centigrade or even higher. Theoretical calculations indicate, however, that even at these temperatures the margin of energy profit would not be large in a simple mirror machine, so that it would be advantageous to employ additional means for reducing particle losses and recovering the escaping energy in useful form. Such means are being studied and show promise on theoretical grounds.

(To be continued)

## Marcia Ferguson Wins State-Wide Honors

Carl Ferguson, weld shop department, is mighty proud of his daughter, Marcia, and he should be. She is the state winner in an oratorical contest sponsored by the National Council of Catholic Youth.



Marcia Ferguson

The 17-year-old senior from Notre Dame High School, Portsmouth, competed with four others, representing the districts from Granville, Mt. Vernon, Newark, and Lancaster, in the final contest held at the College of St. Mary of the Springs, Columbus, Ohio, on March 1. Forty-five contestants from these districts were eliminated in earlier competition. Yesterday, March 31, she represented the Southern Deanery of the Columbus Diocese of Ohio in the National Contest in Washington, D. C.

Subject matter for the contestants was taken from "The Teaching Mission of the Church as stated by the Bishops of the United States in November, 1958." Marcia was given the topic: "The Role of the Layman as a Teaching Member of the Church", for her ten minute extemporaneous speech presentation in Columbus.

Following graduation from Notre Dame in June, she plans to continue her education at Wheeling City College, Wheeling, West Virginia, where she will study law.

She has been very active in extracurricular activities at Notre Dame.



Mr. and Mrs. David L. Hicks, (process area 3), son, Gregory Allen.



## INTERESTING FACTS ABOUT BOWLING

"Strike!" That word is music to the ears of some 20 million Americans who take their exercise — and maintain some psychologists, vent their aggressions — by knocking down 10 maple pins with a 16-pound ball.

No doubt about it — bowling is America's most popular participant sport, and with good reason. The necessary equipment is inexpensive, the game can be played in any kind of weather, and it is a sport in which everyone — youngsters and oldsters alike — can take part.

Men have long recognized the virtues of bowling, for — archery excepted — bowling is our oldest known outdoor game. Some years ago, Sir Flinders Petrie, emeritus professor of Egyptology at the University of London, discovered implements for playing a game decidedly similar to our modern tennpins — in an Egyptian child's tomb established as dating from 5200 B. C.!

But bowling as we know it was actually born in a third century Christian rite.

It was the custom of European canons to have parishioners, in turn, place pins at one end of the cloister. This represented the "Heide," meaning heathen. The parishioner then was given a ball and asked to throw it at the "Heide." If a hit was scored, it indicated the thrower was leading a clean and pure life and was capable of slaying the heathen. If he missed, it meant that a more faithful attendance at services would help his aim.

At the end of the "test," a dinner was given and successful "Keglers" were roasted. Those who had failed were encouraged to try later.

### Changes In The Game

As time went on, larger balls were substituted for the small ones originally used. The game was extended beyond churches and monasteries, but was played only by the upper class of laymen. Uniformly shaped pins and definite rules eliminated the haphazard element, although the number of pins varied widely. In the fourteenth century, only three pins were used in parts of Germany; in other sections, the number was as high as 17, which was the rule in Silesia for many generations.

### Firmly Established Long Ago

By the Middle Ages, bowling was firmly established as a popular game, and the more exuberant spirits expressed their delight with life by taking a festive whack at the pins. Bowling matches were often part of a wedding celebration (baptisms, too) and it was a lucky bride indeed who could dissuade her man from temporarily deserting her for a game of "bowls" after the ceremony.

So popular did the game become that King Edward III, fearful lest bowling displace archery in the hearts of Englishmen — thus weakening the British military spirit — issued a proclamation in 1366 against this "dishonorable, useless, and unprofitable" game. A little later, acting on a royal "suggestion," Parliament outlawed bowling.

The Renaissance witnessed a change in attitude. Aiding the game's popularity then was Martin Luther, the German theologian and Reformation leader. Believing it was a bene-

ficial, moral game, Luther became an enthusiastic bowler and even built an alley for his own youngsters. Experience convinced him that ninepins made an ideal game, and this finally was settled upon as the standard for game in Germany.

Perhaps the most dramatic role ever played by any sport was played by bowling, for an historic game of "bowls" helped smash the Spanish Empire. It happened this way: Sir Francis Drake, a captain of the English fleet, was an ardent bowler. Even when informed that the supposedly invincible Spanish Armada was approaching the English Channel, he refused to stop a match game in which he was engaged . . . or to become unduly alarmed. "There is time enough," he is supposed to have said, "both to win the game and beat the Spaniards." Drake's supposed recklessness while the Spanish fleet sailed past him up the English Channel is a famous historical episode. In reality, it was part of Drake's over-all strategy to hold off so that the Spanish would become jammed in the narrowest part of the Channel. The ignominious naval defeat to which Spain was subjected by the English in 1588 is considered by many historians to mark the beginning of the end of the Spanish Empire.

Over the years, as more and more people have taken to the game, some other remarkable bowling records have been set. Everyone seems to be getting more proficient. At the latest American Bowling Congress Tournament — in which the Automatic Pinspotter was used for the first time — scores were higher than ever before.

Take the famous 299½ game, for example. It was rolled February 11, 1905, in Seattle, Washington, when on the twelfth ball, following 11 strikes, James T. Blackstone knocked over 9 pins, the 10th pin remaining upright. However, part of it was broken off and bowlers, the press, and — later on — Robert Ripley dubbed it the 299½ game."

Then there was the 301 game bowled in 1928 by Cleveland star Marion McDowell. He had 11 strikes in a row when one of the spectators bet him that he couldn't shoot a "301 game." McDowell took the bet. He instructed the pinspotter to stand another pin next to the 7-pin. McDowell then rolled his 12th ball for a strike — and "301!"

Heaviest team ever to bowl in tournament play was the Kreuz and Quer team of New York City during the 1901-1902 season. The combined avoirdupois tilted the scales at 1400 pounds. Youngest boy to compete in an ABC tournament was Johnny Zager of Chicago Heights, Illinois, who "kegled" in 1941, when he was 3. Score — 8 pins. Some records can give you a complex. Steve Doughty of Cleveland bowled his first game in 1922 — for a record score of 289. Roger Luby of Omaha bowled two successive games one night in 1953. His first score was 88; his second,

## Classifieds

All Wingfoot Clan ads must be typed or printed, and contain a "blind" address or telephone number to which initial contact can be made. The ad must be signed in ink and carry the employee's department number, badge number, and plant-site telephone number. This service is for employees who have items to buy, sell, or trade. No commercial ads can be accepted.

### FOR SALE

**Two bedroom house.** Large lot 36' x 400'. Full basement. Lake White frontage. Reasonable. Telephone: Waverly 8163-M.

**Boat, motor, trailer,** complete \$525. Everything in excellent shape. Boat 14' with mahogany deck and upholstered seats. Has windshield, steering wheel, bow and stern running lights, remote controls, step pads, chrome deck fittings. 25 HP Sea King electric start motor, 6 volt Riverside battery. Trailer has shock absorbers, winch and steel cable. May be seen after 5 p. m. by telephoning Waverly 8047-M.

**Modern three bedroom house,** nice Lake White location, near lake with access. Lake White water system. Large patio. For appointment to see house, telephone Waverly 8033-W.

**Webcor - Imperial Stereophonic Tape Recorder.** Includes dual set of six speakers and several recorded tapes. Original cost in 1958—\$439. Make an offer. Telephone: Waverly 8035-M.

**Boat Trailer.** 14'. 750 pound capacity. Winch and tipper attachment. Used one year. Like new. \$85. Telephone: Wellston 4-2478.

**1954 Buick Super hard-top.** Power steering and brakes. Radio and heater. dynamo. Good condition. Any offer considered. Telephone: Portsmouth ULster 8-2332.

**"Sportsman Sleeper"** folding camper. Constructed of marine plywood and aluminum. Sleeps four. Has bottle gas floor furnace and rack for carrying boat. Can be seen at 1521 Third Street, Portsmouth, Ohio.

**Electric hot water tank,** 66 gallon capacity, 2 element. Inquire at 507 Maple Avenue, Piketon, Ohio.

### CAR POOL WANTED

From West Portsmouth to X-344 parking lot. Telephone: Portsmouth ULster 8-2332.

## GAT Golf Leagues

The golf program for the 1959 season is now being organized.

The league which will play at the Elks Country Club in Portsmouth has organized 16 four-man teams. Anyone interested in participating in this league should submit their name so it may be placed on the substitute list.

The men's leagues in Waverly and Chillicothe are in the process of being organized. Teams from these areas should be submitted to the recreation office as soon as possible.

"A" Shift is organizing a league which will play at either Waverly or Chillicothe. Sixteen employees have signed up for this league. More players are needed.

It is anticipated that women's leagues will be organized in Portsmouth and Waverly. Teams or individual names should be submitted immediately.

287 — for the largest recorded point spread in history.

But there are advantages to poring over these records. Consider the amazing performance of Detroit's Al C. Fifer in 1944. Mr. Fifer holds the world's record for the most gutter balls in an ABC tournament game — 8.

Now don't you feel better?

## GOODYEAR THEATER

Steve Dunne and Maggie Hayes star in "A Light In the Fruit Closet," a comedy involving the characters made famous in the motion picture "Mr. Blandings Builds His Dream House," to be seen on "Goodyear Theater," Monday, April 13, at 9:30 p. m., over NBC-TV.



Steve Dunne Maggie Hayes

Jim Blandings (Dunne) is a successful executive for a New York publishing firm who lives with his family in an early American home in an early American Connecticut town.

Most of his humorous troubles stem from his attempts to do things around the house that any other housewife might try without success to get her husband to do. But Muriel Blandings (Miss Hayes), knows from experience that as a "do-it-yourselfer" her husband makes a wonderful publishing executive.

When Jim discovers that his wife has hired an electrician to put a light in the cellar fruit closet, he insists on doing the job himself. The end result of his handiwork is a personal introduction to the members of the town's volunteer fire department.

### Company Dance

The next company dance is scheduled at the Elks Hall in Chillicothe on Friday, April 24.

Tickets were placed on sale at the Recreation Office on Monday, March 23. The remaining tickets will be sold on a first-come, first served basis.

### Horseshoe League

Some interest has been expressed concerning the organization of a horseshoe league in Chillicothe. Additional employee interest is required to justify the setting-up of a league.

Interested employees should notify the recreation department immediately.

### Softball

Softball teams should be submitted to the recreation department now. The softball leagues are scheduled for the first part of May, so it is imperative that the leagues be organized at once.

Goodyear Atomic Corporation  
P. O. Box 628  
Portsmouth, Ohio

RETURN POSTAGE GUARANTEED

## The Champions

### MEN'S COMPANY BOWLING TOURNAMENT

First place team, Finance, Chillicothe—2931; P. Rodecap, Captain; L. Parker, R. Shultz, W. Sams, S. George.

Second place team, Potentials, "B" Shift, Waverly—2925; R. Mangus, Captain; P. Bunch, W. Stutzman, C. Abercrombie, K. Petry.

Third place team, Demons, Jackson—2850; R. Wimer, Captain; R. Troutman, M. Surrent, I. Elkins, A. Lewis.

### MEN'S DOUBLES TOURNAMENT

R. Legg, J. Estes—1236; J. Brown, H. Owens—1207; W. Durbin, O. Tussey—1186.

### MEN'S SINGLES TOURNAMENT

R. Higley, 649; L. Parker, 646; J. Good, 640.

### MEN'S ALL-EVENTS

L. Parker, 1871; H. Cantwell, 1809; T. Sneed, 1785.

### SHIFT TOURNAMENT

First place team, Ball Busters — 2757; Walter Miller, Captain; Earl Staten, Jack Mounts, W. Miller, Fred Bradford.

Second place team, Potentials — 2739; R. O. Mangus, Captain; Paul Bunch, Wayne Stutzman, Kenneth Petry, Clarence Abercrombie.

Third place team, Seller Dwellers — 2725; G. W. Pelfrey, Captain; D. L. Hicks, H. C. Baldwin, D. E. Gilmore, N. K. Pullin.

## BOWLING

A number of industrial and business firms have made plans to conduct a Southeastern Ohio Industrial and Business Handicap Bowling Tournament. The 1959 Tournament will be under the direction of Goodyear Atomic Corporation.

The first tournament is to be held at the Classic Bowling Lanes in Portsmouth on Saturday, April 4. Sixteen teams representing ten different industries have submitted application for this tournament.

Participants are limited to employees of industrial and business firms in Scioto, Ross, Pike, and Jackson Counties.

Team members are required to be full-time employees of the industry they represent. Individual trophies are to be awarded to members of the winning team and a large trophy will go to the company sponsoring the winning team.

The things we worry over most never happen.

—Nolan

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