

# Scientist Work Out Measuring Process for Atomic Radiation

By **ELMER C. WALZER**  
UPI Financial Editor

New York — (UPI) — With the expanding use of atoms in medicine, science, and industry, man is becoming more and more exposed to radiation.

There is no way as yet to immunize him from the dangerous effects of this powerful emission of energy. But science has worked out ways to measure it and thus protect those who are exposed in the course of their occupations.

And this measuring process has produced a new industry that already has risen to a rate of \$100 million a year — and still is growing.

"Man can live with radiation," says David H. Cogan, chairman and president of Victoreen Instrument Co. of Cleveland, a pioneer in instruments for measuring radiation.

**Peaceful Use**  
"He can go ahead with the peaceful use of the atom as long as he takes measures to protect himself."

Cogan's company develops and manufactures a large variety of supersensitive monitoring devices for use where ever atoms are at work.

These devices measure radiation in air and water and sound alarms when there are excesses so that corrective measures can be taken.

Water radiation is one of the big problems. Recently, the Milwaukee Company, investment company underwriters, in a treatise on water problems, noted that one teaspoon of strontium 90 radioactive waste requires about 2,500,000 gallons of water to provide safe dilution.

Radioactive substances in water can be removed through the use of certain water softening processes. The job is to detect the radiation — a function of the Victoreen instruments.

This company also makes a device called a personal dosimeter which measures and records personal exposure to radiation.

**Button Size**  
Specialty Electronics Development Corp. of Syosset, N.Y., has developed a dosimeter the size of a button. This instrument provides a permanent

record of accumulated exposure.

H. Russell Cammer, president of Specialty Electronics, reports thousands of persons now wearing these dosimeter badges.

"They will soon be a requirement for thousands more as peaceful use of radioactivity increases in medical and scientific fields and in industry," he says.

Cammer points out that the dosimeter provides a lifetime log of radiation to which the wearer has been exposed. His company has devised instruments to read these dosimeters.

Periodic readings reveal the radiation to which the wearer has been exposed.

"When one has been exposed to more radiation than the body can tolerate, the results could be disastrous," says Cammer.

**Check Exposure**  
"But by constant checking, over-exposure can be prevented, or, if it has occurred, successful medical treatment is possible in many cases, provided quick action is taken."

Following Victoreen's pioneering in measuring devices, about 100 other companies have entered the field of measuring radiation.

Among Victoreen's installations are two monitors to safeguard Philadelphia's water supply, several in atomic submarines, and electric generating plants. Portable models

## Canby Man Killed In Plunge of Auto

Oregon City — (UPI) — A car plunged over a 15-foot embankment on the New Era hill south of here early today, killing Carl F. Schaarschmidt, 30, Canby.

## College Sophomore Named 'Miss Eugene'

Eugene — (UPI) — Nineteen-year-old Sharon Anderson, a sophomore at the University of Oregon, was chosen as "Miss Eugene of 1960"

State police said the victim died a few moments after arriving at a local hospital. The 1959 car struck large boulders at the bottom of the embankment and was demolished.

## They'll Do It Every Time

By Jimmy Hatlo

WHOEVER DICTATES THE CHANGING OF UNIFORMS FOR THE COPS OF HORSECHESTER HAS ROCKS IN HIS HAT—LIKE LAST NOVEMBER—



NOW IT'S BALMY SPRING... TEMPERATURE 85 1/2... AND OUR FINEST ARE STILL COCOONED IN THEIR ARCTIC OVERCOATS...



## Small Worlds Around Us

By Lynn M. Watkins

### How Does the Lone Blackbird Find the Flock?

There were at least a hundred blackbirds in the flock; they were flying rapidly as if they knew exactly where they intended to go. One of the birds "peeled off" from the flock and came sailing down to a backyard feeding station.

The flock flew on. To all appearances this lone member of the group was not in the least interested in where the flock was headed; neither were the other members concerned with the one who left.

This happens frequently, so often that most of us fail to notice anything unusual about it. In nearly every passing flock, one or more individuals will leave to alight in a tree or on a feeding tray. But when the lone one takes again to the air it is readily observed that he, or she, will fly in the direction the flock was headed.

**How Does He Know?**  
The unanswered question is: how does he know where to find them? Seldom if ever does the flock fly in a straight line. Usually they deploy to the right or left or may even reverse their direction entirely.

So one day I was watching when a large flock of blackbirds came over. As I watched, one left the flock and came in for a landing on a telephone wire. A minute later the bird left, flew into a backyard and picked up a crust of bread. The bird picked up the bread, flew over to a bird-bath and dunked the bread in the water.

Patently he sat there while the bread soaked. Then he leisurely ate the softened crust. All this time I watched, and waited, with my car ready to follow him when he left.

Fortunately for me, when he flew he headed in an easterly direction. I noticed that the flock, when it left, had

been headed straight south. This individual, I reasoned, was slightly mixed up, or had decided to go solo. But I went along. He traveled about a mile before he turned and headed north. The road I was following ran out at this point; I had to resort to binoculars to follow with my eyes the flight of the lone traveler.

With the glasses however, I could almost count the feathers in his tail.

**Found Flock**  
Again luck was with me for he didn't go far. He sailed earthward. Hurriedly I climbed a nearby tree, and adjusted the glasses. There was the flock, right where the lone wanderer had come to earth. I believed it was the same group he had left an hour or more ago. With the chance it was not I continued the same experiment several times; the result was always the same, and some of the times I could positively identify the flock.

Somehow or other by some wild reasoning, the straggler from a flock seems to have some knowledge of the flocks' destination. Did some of them say to him when he dropped out, "See you later over by the fallen pine tree." Hardly. But by some instinct, or sense perception, he got the necessary information.

(Released by The Register and Tribune Syndicate, 1960)

### LONG ARMS OF LAW

New York — (UPI) — John Morris, 25, decided he would have a better chance of escaping pursuers if he abandoned a stolen car and took to the hills by foot, police said. Morris leaped from the car and scrambled to the top of Rocky Pass, a slope in Brooklyn's Prospect Park. But he lost his footing and tumbled back down, right into the arms of police.

## Indian Brandy Answers Purpose As Brake Fluid

Pomona, Peru — (UPI) — A Maryknoll missionary, the Rev. Richard M. Quinn, of San Jose, Calif., drove into a little Indian service station for brake fluid when his brakes gave out on a dangerous mountain road. Maryknoll headquarters in New York reported today.

The Indian proprietor didn't have any brake fluid, but he suggested that Father Quinn pour some all-purpose "pisco" Indian brandy into the brake cylinder instead.

"The brakes worked perfectly for the rest of the trip," Father Quinn said, "and I challenge anyone to show me any other hydraulic brake fluid that can be also used for anti-freeze, liniment, antiseptic and cold feet."

## Tule Pete Wins Calaveras Contest

Angels Camp, Calif. — (UPI) — The 33rd annual Calaveras County Frog Jumping Contest was won Sunday by a long legged critter named Tule Pete — although he fell well short of his world record effort in the qualifying round.

Tule Pete, owned by Brian Basacker, 9, won the event by jumped 12 feet, 9 1/2 inches. In qualifying Saturday, he leaped 17 feet, 10 inches — a full foot farther than the recognized world's record.

Second place went to Tule Jack, owned by Brian's brother, Tommy, 7. Tule Jack jumped 12 feet, 9 1/2 inches.

The only foreign frog to qualify for the finals was Master McGrath, owned by Stanford University student Myles McSwiney. The English frog managed to make only eight feet, four inches Sunday.

The annual event is held in honor of Mark Twain's story, "The Jumping Frog of Calaveras County." There were 670 entries in this year's competition.

## Society Attempting To Locate Teacher

Members of Omega chapter, Delta Kappa Gamma Society, are attempting to locate a Miss Ella Parks, formerly of Ruch, who was the first school teacher at the Sucker Creek school in Josephine county.

The Society is cooperating with the Josephine County Community enterprise to preserve the log schoolhouse. It has been dismantled and the logs have been moved to the site of the Kerbyville museum, Kerby. The first "school raising" was held by the group May 15.

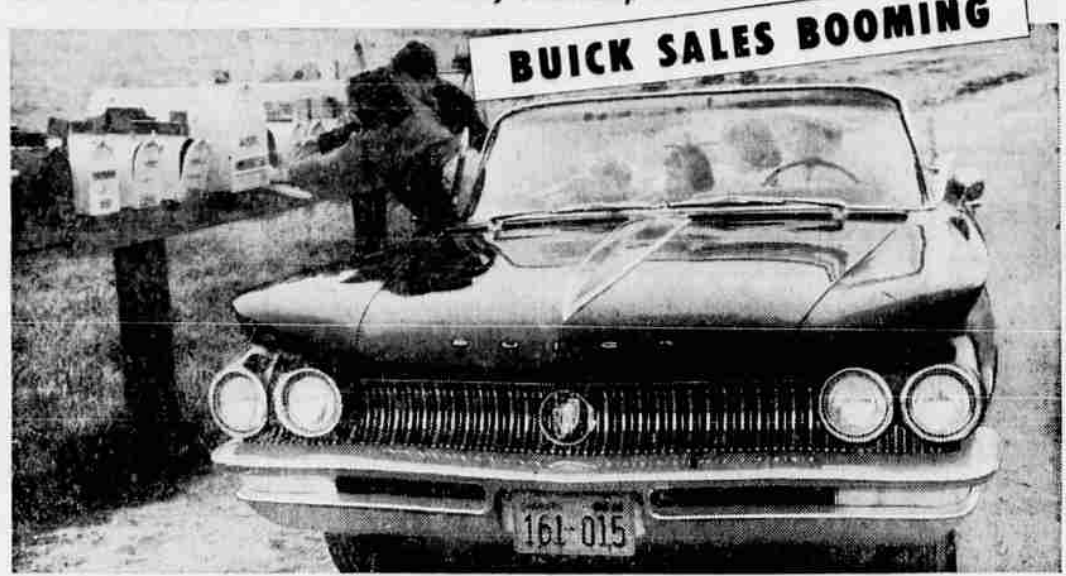
Later this summer a dedication service will be held at which time the Society would like to honor Miss Parks. Persons knowing Miss Parks or her whereabouts are asked to contact Mrs. Arthur Cribb Madroak, Star route north, Kerby.

## Court Records

**MUNICIPAL COURT**  
Judith B. Singler, defective equipment, \$6.  
Lillian Evelyn Bingham, displayed expired plates, \$3.50.  
Patrick Earl Grady, excessive noise, \$5.  
Donald M. Ohlness, disobeyed traffic signal, \$11.  
Patrick Earl Grady, no operator's license in possession, \$11.  
Peter John Gillas, disobeyed traffic sign, \$6.  
Manuel Aquino Flores, disobeyed traffic signal, \$11.  
Marie Louise Lockwood, violation of basic rule, \$11.  
Ray Alexander Daniels, disobeyed traffic sign, \$6.  
Gordon Wayne Fleming, violation of basic rule, \$11.  
Rudolph Joseph Tetreault, improper left turn, \$6.  
Lloyd Paul Chade, failed to yield right of way, \$26.  
Kenneth Joe Houghton, violation of basic rule, \$11.  
Paul Loren McQuade, no operator's license in possession, \$11.  
Jerry Wayne Smith, violation of basic rule, \$11.  
Robert Clyde Logan, failed to yield right of way, \$26.  
Ralph C. Carmichael, disobeyed traffic sign, \$6.  
Earl Pierce Shirley, disobeyed traffic signal, \$11.  
Wayne Vincent Stine, displayed expired plates, \$1 cost.  
Irene Marie Williams, following too close, accident, \$28.  
William Maurice DeRusha, violation of basic rule, \$11.  
Margaret Elaine Griffith, no operator's license in possession, \$11; disobeyed traffic sign, \$6.  
Carl Hamilton Skyrman, displayed expired plates, \$6.  
Larry Lee Berbeau, violation of basic rule, \$11.  
Dean Eddy, excessive noise, \$6.  
Thomas H. Semple, no operator's license in possession, \$6; no vehicle registration plates displayed, \$6.

**PUBLISHER DIES**  
Cleveland, Ohio — (UPI) — Irving B. Hexter, 62, president and founder of the Industrial Publishing Co., the nation's fifth largest trade magazine publishing firm, died Sunday.

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11.40 one way 20.55 round trip
  - San Francisco**  
8.40 one way 15.15 round trip
  - Hollywood**  
13.95 one way 25.15 round trip
  - Phoenix, Ariz.**  
25.05 one way 45.10 round trip
  - Salt Lake City**  
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  - Fresno**  
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