

A Traffic Cop Goes to College

Each year a 9-month course is offered to a carefully selected group of traffic policemen from all parts of the country by the Northwestern University Traffic Institute in Evanston, Ill. The school was created in 1936 by a grant from the Automotive Safety Foundation. A trained staff under Lieut. F. M. Kreml, director, conducts highly specialized courses in all phases of traffic control.



The student officers spend a minimum of 22 hours a week in formal classroom study and at least that many in outside preparation.



A. R. Forster, director of training, diagrams a collision scene for the benefit of five members of the class.



Circle: Homework... Here two students are "cracking the books" for next day's classes.

Right: First aid is an important element in the curriculum. Here Lieut. A. J. Nagel demonstrates the head bandage.



Above: A carefully staged "accident," in which students are called to investigate. Many real accidents are also investigated.



Test for drunkenness, which is made with a Harger drunkometer, a device which determines the amount of alcohol the driver has taken, from the air in his lungs.



VISIONS

By KARL GRAYSON
(Associated Newspapers.)
WNU Service.

THE mind," stated Ahmed Sala in his droning monotone, "is capable of all things. The stars proclaim our destiny." David Carens, 15, not only believed that the turban-capped Ahmed possessed mystic powers, but he allowed himself to be inveigled into attending a course of special training, with no less a personage for his instructor than Mr. Sala himself. Unbeknownst to his family, David turned over each week his allowance of \$3 while Ahmed Sala read the stars and proclaimed great things for the boy's future. Within a month's time David was convinced that he himself possessed an unusual mind. He went into what he chose to call trances, on which occasions he saw visions which enabled him to predict happenings of the future. Unfortunately, one or two of his predictions turned into actualities, which fact strengthened the boy's belief in his own powers.

Later he began to spend a part of each evening studying the stars. With the aid of his mother's social calendar, he predicted that certain things would happen on certain days, and rather surprised and vaguely alarmed his parents when the things actually did take place.

Driven to it at last by his father's persistent questioning, David admitted that he was psychic. The elder Carens acted as if a hot potato had suddenly become stuck in his throat, but he kept a straight



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face. Later he conferred with David's mother, which conference resulted in a unanimous agreement that the subject of discussion must be cured of his ailment.

It seemed, however, as if the Carens' resolution might have been made a shade too late. At least for a time they had cause for some vague alarm and not a little concern.

It was while Cousin Anita Banks was visiting at the Carens' home that David made his most astounding prediction. The boy came into the dining room one bright morning and found Cousin Anita holding a one-sided conversation with the canary in its cage. David, who had approached from the opposite side of the cage, suddenly rubbed his eyes, stared, clapped a hand to his head and seemed to swoon. Somewhat alarmed, Cousin Anita summoned the elder Carenses. All three of them stood helplessly by while David rocked back and forth on the balls of his feet, emitting low and plaintive moans.

Presently, aided by a not too gentle shake at the hands of Mr. Carens, David came out of his swoon and stared dazedly into the faces of his relatives. Abruptly he closed his eyes and put forth a hand. "Oh, it's horrible! Horrible!"

The Carenses looked at Cousin Anita and Cousin Anita looked at them. "What's horrible?" Mrs. Carens asked anxiously. "Is it your stomach?"

"Horrible! Horrible!" David passed a hand before his eyes and then held the same hand extended before him for silence. "I see it again. A hole. A hole in Cousin Anita's forehead! It means—death!" David's voice trailed away in a gasping whisper.

Mrs. Carens uttered a little frightened scream, and almost collapsed. Mr. Carens swore. Cousin Anita clutched at a table for support. David, peeping through his spread fingers, interpreted correctly the expression on his father's face, and backed out of the room somewhat hurriedly.

That night shortly after supper the telephone rang and Mr. Carens answered it. After a perfunctory conversation he replaced the receiver and hurriedly climbed into his coat. His face, as he went out, was grave and full of concern. Moreover, David felt an odd sensation at the look his father cast in his direction before departing. A half hour later Mr. Carens returned. His face was even more grave, and now contained a look of horror. He came directly to the table where David was sitting, laboring over some homework.

"David, that telephone call was from the police. They have found Cousin Anita lying in a vacant field behind Peabody's barn." He paused and his eyes grew wide. "David,

she's dead, and there's a hole in her forehead, exactly as you predicted!" "Dead?" David gulped, swallowed, felt his blood run cold. "Dead?" he whispered hoarsely. "And a hole in her forehead?" Mr. Carens nodded sadly. "I told the police about your prediction. Tomorrow you'll have to go down to headquarters and tell them what you know."

David leaped to his feet, eyes bulging. "But I don't know anything, Dad! I can't help them any! I—I—don't want the police to question me!" Mr. Carens hooked his head. "You'll have to go all the same, David. Tell them about your vision. Who knows, you may have another!"

Perspiration began to appear on David's forehead. Cousin Anita dead! Good heavens, did the police think he had anything to do with it? Why in time did Dad have to say anything about his vision anyhow? David closed up his books and started for his room. The situation demanded private concentration.

Deep in thought David had almost gained the top landing at the head of the stairs before he saw the thing that awaited him there, standing directly in his path. She wore a long flowing gown of some gray material, and her whole being seemed to be enshrouded in a sort of mist.

David's heart seemed to stand still. He felt suddenly inert, paralyzed with fear. Vaguely the thought occurred to him that now he was actually seeing a vision that was a vision. For as he stood there the woman slowly raised an arm and pointed to a gaping hole in her forehead. She was, David saw, no one else than Cousin Anita!

David emitted one frightened bleat and toppled over backwards. His mother picked him up at the foot of the stairs and with her welcome assistance the youth managed to reach the sanctity of the lighted living room. The boy was too frightened to notice the suppressed mirth in his father's glance.

"See another vision, son?" David's teeth were chattering, but he managed to blurt out what he'd seen on the stair landing. Mr. Carens expressed polite surprise and went back to his reading, a fact which disturbed David considerably.

"But, Dad, it was real! It's up there now! Oughtn't you to see?" "Me? Why, son, I must confess I've no such powers. No, I'm afraid visions aren't in my line."

David cast a look of desperation toward his mother. But his mother was en route to the kitchen. Some matter of imminent importance, it seemed, had called her there.

David sat down close to his father, a forlorn, a helpless figure. Twice he started to speak but thought better of it, remembering dimly that visions such as the one he had witnessed on the stairs were supposedly, as far as his folks were concerned, quite common to his superior intelligence.

Later that evening, after several hours during which David sat in fear-stricken silence, Mr. Carens and his son got together on a confidential deal. David agreed to discontinue entirely his activities as a spiritualist and to devote his entire time to homework and sane conduct. Mr. Carens relieved the youth's feelings by admitting the death of Cousin Anita was a put-up job, and supported his argument by summoning the lady herself, who appeared with a forehead free from holes.

And thereafter David Carens admitted only to himself, and then in rare and extremely imaginative moments, that he was at all psychic.

Malnutrition, Microbes Blamed for Mental Ills

Malnutrition and microbes were given the major blame for mental defectiveness in reports made at the second annual meeting of the American Association of Mental Deficiency, Pacific States section.

For a highlight, the good word was spoken that: "There are ample reasons to believe that new cases of cretinism (a form of idiocy prevalent among children in certain localities) should be well on the road to eradication within the span of a generation or two."

In making that prediction, Dr. Emilian O. Houde of Tacoma, Wash., (the state which has the highest per capita rate of goiter incidence in the United States) stated:

"That is, if the teachings which recognize the true causes are accepted. These causes, according to the doctor, are 'a long train of events which start in normal thyroid glands,' with 'goiters primary factors incriminated as the ultimate cause' of cretinic mental deficiency.

"The congenital form of cretinism is due, ultimately, to the specific activators of thyroid disease," the speaker stated.

Both, when acquired from the goitrous glands of expectant mothers or after birth, the factor of long neglected thyroid disease or of surgical removal of a grossly degenerated gland is present, he declared.

"The goiter is of microbic origin and, therefore, the primary factor of cretinism lies in the science of microbiology," he explained.

Fortunately, he said, the prophylactic is universally applicable and is predicated on introducing thyroid products to supply a deficiency caused by impairment of the glandular functions. For dwarfism, pituitary extract is a specific, and, for simple goiter, immunizing injections are effective, he reported.

Prevention of Pneumonia by Food and Rest

By DR. JAMES W. BARTON
(Released by Western Newspaper Union.)

SO STARTLING has been the drop in the death rate in pneumonia due to sulphanimide and similar drugs that a movie

shows two physicians trying to reduce the death rate to nothing as they feel that there should now be no deaths in pneumonia.

Despite this new and effective drug, the number of cases of pneumonia is not decreasing, in fact it is increasing, because one attack of pneumonia in an individual does not prevent further attacks, as it does in some ailments, but actually predisposes the patient to further attacks.

In one country where there has been stress, strain, overwork and undernutrition for some years, one of the reports from the physicians of that country shows a great increase in the number of cases of pneumonia.

It was found that the number of cases increased greatly during the cold months. This was thought to be due to there being less sunshine during the winter months, but further investigation showed that coldness and dampness were equally, if not more, to blame.

Most of us are aware of the chill experienced after being heated by exercise or after having a hot bath. The chilliness or coldness of the air seems to stiffen or tighten the muscles. This is well known to baseball pitchers, who often on a warm day put on a sweater or put their pitching arm in the sleeve of their sweater while their team is at bat.

Blood Chilled. Cold air striking the warm body means that the blood going back to the lungs is chilled and not able to take on oxygen or throw off wastes as well. This blood is therefore not able to throw off, or prevent, the organisms of pneumonia or other diseases from starting trouble.

Heat is life to the body and its defenses and cold has the opposite effect, particularly in those who are rundown and undernourished.

To avoid pneumonia then, we should eat well, get plenty of sleep, and avoid draughts, dampness and cold when we are heated.

Insulin and Its Effect on Weight

AS a youngster, and even well up into my teens, I enjoyed reading stories of the South Sea Islands and the savage tribes which inhabited them. I always laughed to myself as I read of the "medicine" men and of how they would boil the organs of animals and give the "soup" to sick natives. Today we know that the soup of organs such as the pancreas, liver and stomach, extracted by refined scientific methods, saves the lives of hundreds of thousands yearly by preventing death in diabetes and pernicious anaemia.

Some months ago I recorded the experience of several physicians who had found insulin of great help in building up underweight children. Just how the insulin increased weight was still unknown, but that it increased the appetite was one noticeable result. An editorial in the Journal of the American Medical Association suggests that the insulin stimulates the nerve which causes the stomach walls to contract and so set up hunger pains, and increase the amount of stomach and other digestive juices, so that more of the food that is eaten would be absorbed into the blood, thus giving more strength and increasing the weight. The fact also that insulin reduces the amount of sugar in the blood by enabling the body to use more sugar (instead of letting it be thrown out in the urine) also increases the hunger pains in the stomach.

One of the methods of stimulating appetite, particularly in nervous or mental cases, is the use of histamine. That insulin is more effective in these cases is recorded by Dr. P. Horstmann, Finland, who tested out both histamine and insulin in six such cases, one of which had the normal quantity and quality of stomach digestive juice and five did not. In all cases insulin was more effective than histamine.

QUESTIONS Q.—Please list the alkaline and acid-forming foods.

A.—Acid-forming foods are: Eggs, meat, fish, poultry, breads of all kinds (both white and whole wheat), cereals, pastries, puddings. Base-forming foods are: Milk, nuts, fruits (except cranberries, plums, prunes and rhubarb), vegetables.

Q.—Is there a cure for Parkinson's disease?

A.—Parkinson's disease, or shaking palsy, has no known cure. Quinsing medicines are helpful.

FARM TOPICS

YOUNG BULLS REQUIRE CARE

Good Feeding Produces Best Results.

By L. J. CASE
(Extension Animal Husbandman, N. C. State College.)

Many farmers have recently added a herd of beef cattle to their agricultural enterprises. It is highly important that they take adequate care of the herd bull, especially if the animal is young.

Young bulls should be well fed and cared for in order to grow them out properly. A good ration is equal parts of corn, crushed oats and wheat bran, and all the legume hay the animal will eat. If legume hay is not available, add about one-half pound of a protein supplement with the grain mixture. Where wheat bran is too high in price, double the amount of oats in the ration.

The total amount of grain to be fed should vary with the condition of the bull, but in no case should it be necessary to feed more than one pound to each 100 pounds live weight of the animal. Small amounts of good sweet silage may be fed to the bull, but large quantities may prove detrimental.

The young bull should have access to salt and pure water at all times, and a mineral mixture of equal parts of steamed bone meal, ground limestone, and salt should be kept where he can help himself.

The beef type bull should not be put into service until he is at least one year old. The first year he may be used on not over 10 or 12 cows, one service to the cow. The bull should have access to a well-fenced lot or pasture where he can take exercise. An open shed or shelter of some kind should be available. Some bred cows running in the same lot with the bull will induce exercise. In no case should the young bull be allowed to run with unbred females.

Rotation Grazing of Sheep Prevents Stomach Worms

Rotation grazing of sheep is the ideal preventive measure for stomach worms, believe animal pathologists of the University of Illinois college of agriculture.

Since preventive measures are based on breaking the life cycle of the worm, the young and uninfested animals should not be allowed to contact the manure from infested animals. Most serious effects are seen among lambs, and since growth must be made while the animals are young, the safest pastures should be made available to the lambs.

First symptoms are dullness, lack of thrift and often diarrhea. Later the skin and mucous membranes of the eye and mouth become pale as a result of the anemia caused by the blood-sucking habits of the parasite. Swellings may appear along the lower jaw, dewlap or brisket.

Stomach worms are tiny blood-sucking worms 1/2 to 1 1/4 inches long and smaller than an ordinary pin. The adult worm attaches itself to the lining of the fourth stomach and feeds for awhile, then commonly shifts to a new point of attachment, leaving a bleeding wound resembling a pin-prick. The adult female lays many eggs which pass out with the droppings and contaminate the ground. The eggs hatch in from a few hours to several days, depending upon conditions of temperature and moisture. The larvae undergo further development until they reach a stage capable of infesting the host. In this stage they are very resistant to drying and low temperature.

When the grass is wet the larvae crawl up blades of grass to be swallowed by grazing sheep. Reaching the stomach, they mature in two to three weeks and in another week or two the females are producing eggs in large numbers.

Deceiving Ourselves We deceive and flatter no one by such delicate artifices as we do our own selves.—Schopenhauer.

Largest Uncut Diamond

The Vargas diamond, found in Brazil in 1938 and named in honor of President Vargas, is the world's largest uncut diamond. It was exhibited at the New York World's fair, and weighs 726.69 carats. Only three other diamonds ever exceeded it in size, and all three have been cut. These were the South African Cullinan diamond of 3,025.75 carats, the South African Excelsior of 995.20 carats, and the Indian Grand Mogul, weighing 787 carats.

Estimates of the value of the Vargas stone range from \$500,000 to \$1,500,000, depending upon future conditions of the diamond market which is currently disrupted by the war.

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Our Revelation

In all lives there is a formation of character. It comes from many causes, and from some which on the surface are apparently even trivial. But the result is the same; a sudden revelation to ourselves of our secret purpose and a recognition of our, perhaps long-shadowed, but now masterful, convictions.—Van Amburgh.

RAZOR BLADES

ASK YOUR DEALER FOR THE OUTSTANDING BLADE VALUE... KENT... BLADES... "TAKING THE COUNTRY BY STORM" KNOWN FROM COAST TO COAST... CUPPES COMPANY - ST. LOUIS, MO.

Showing Character

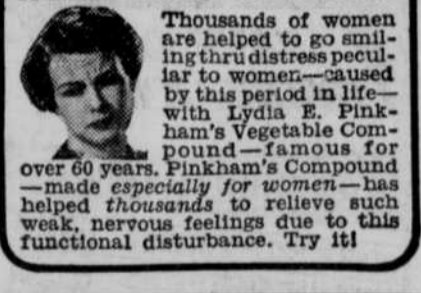
A man never shows his own character so plainly as by his manner of portraying another's.—Jean Paul Richter.

Pull the Trigger on Lazy Bowels, with Ease for Stomach, too

When constipation brings on acid indigestion, stomach upset, bloating, dizzy spells, gas, coated tongue, sour taste and bad breath, your stomach is probably "crying the blues" because your bowels don't move. It calls for Laxative-Senna to pull the trigger on those lazy bowels, combined with Syrup Pepsin for perfect ease to your stomach taking. For years, many Doctors have given pepsin preparations in their prescriptions to make medicine more agreeable to a touchy stomach. So be sure your laxative contains Syrup Pepsin. Insist on Dr. Caldwell's Laxative-Senna combined with Syrup Pepsin. See how wonderfully the Laxative Senna wakes up lazy nerves and muscles in your intestines to bring welcome relief from constipation. And the good old Syrup Pepsin makes this laxative so comfortable and easy on your stomach. Even finicky children love the taste of this pleasant family laxative. Buy Dr. Caldwell's Laxative Senna at your druggist today. Try one laxative combined with Syrup Pepsin for ease to your stomach, too.

MIDDLE-AGE WOMEN

HEED THIS ADVICE!! 38-52 yrs. old



Thousands of women are helped to go smiling thru distress peculiar to women—caused by this period in life—by Lydia E. Pinkham's Vegetable Compound—famous for over 60 years. Pinkham's Compound—made especially for women—has helped thousands to relieve such weak, nervous feelings due to this functional disturbance. Try it!

Farm Notes

American cash income from farm marketings and government payments in December amounted to \$837,000,000 as compared with \$801,000,000 in December of 1939.

Recent reports from Vichy say that most of the cattle in unoccupied France will soon have to be slaughtered because of a critical shortage of corn, barley, oats, and other feed.

The United States produces about 30 per cent of the world's beef supply. Argentina, Brazil, and Uruguay combined produce about 25 per cent.

Some agricultural experts believe that with farm labor costs going up just as farmers are sending their sons into the draft army, there will be an increasing need for farm machinery.

Prices of ready-to-wear clothing increased 5 to 10 per cent in 1940 and are expected to rise as much more in 1941. Woolen garments and leather goods are especially likely to rise in price because of the demand for wool, hides, and leather for defense purposes.

WATCH the Specials

You can depend on the special sales the merchants of our town announce in the columns of this paper. They mean money saving to our readers. It always pays to patronize the merchants who advertise. They are not afraid of their merchandise or their prices.