Is There a Chemistry of Human Intelligence?

By LOGAN CLENDENING, M. D.

Are there any chemical or physical changes in the brain during active function? In other words, is there a chemistry of intelligence?

There is a great deal of data but we would not like to come to any definite conclusions. The brain requires oxygen, sugar and water. Disturbance in the water balance of the brain is disastrous, resulting in decreased mental efficiency, and, when the balance is prefoundly upset, coma and delirium.

The water balance of the brain is intimately bound up with the acid-base equilibrium. The epileptic brain is an alkaline brain. The diabetie brain is an acid brain and, if not balanced by proper treatment. results in retarded mentation and

The brain cannot function at all without exygen. Balloonists at 25,000 feet or more find their men-

Dr. Clendening will answer questions of general interest only, and then only through

sweeps over a nerve it is accom-gever, the animal reservoir is the panied by an electrical disturbance. rat and the insect vector the rat flea. and forth over the commissures of the brain, they are accompanied by this pale lightnine of the normine this pale lightning of the negative variation. Is that pale lightning what we recognize as conscious-ness."

Rocky Mountain Spotted Fever

Has Rocky Mountain spotted ever ever appeared in the east-

year from Tennessee and Massa-chusetts. The discase is spread by infected ticks, and ticks have been found to be very prevalent around Cape Cod. Summer residents find ticks on themselves and on their

W. Kerr Scott to Make His Formal Entry Jamesrow real dirt farmer all his life; that he began his official connection with In Race For Re-Election agricultural affairs at the tender age of five when he exhibited an ear (or was it ears?) of popcorn at the State

(Continued From Page One)

four years of duty as the State's a host of positions of honor and trust chief agricultural official. Probably his press man will send along a full biographical sketch of the determined.

Whenefers biographical sketch of the determined Alamance man; but even that will be more or less a repetition of what

Cuban Politico Shot



Dr. Orestes Ferrara

Dr. Orestes Ferrara, shot as he rode through the streets of Havana, was a former Cuban ambassador to the United States, and secretary of state during regime of Gerardo Macnado, Dr. Ferrara's chauffeur was astantly killed. Only recently returned from exile, Dr. Ferrara was again active in politics.

His Wife Tattled



Benny Ertel

On April 10, 1937, seven boys held up an East Side, New York candy store, killed a detective. Three died in the chair in 1939, two are serving life. Benny Ertel was one who escaped. In Washington he married. His bride told the police. He is shown enroute to Sing Sing, after being sentenced to die.

LENTEN REDUCING DIET FOR WEDNESDAY

(Adhere to the amounts of food ordered.)

Breakfast: One slice of pineapple, one soft-boiled egg, one slice toast with butter; coffee with one piece of sugar and teaspoonful of cream.

Lunch: Two tablespoonfuls of chicken salad, one glass of milk, tablespoonful of ice cream, coffee or tea with lemon.

Dinner: Cup of cream of tomato soup, average helping meat and two vegetables; one slice bread and butter; small slice of apple pie, coffee or tea with

Day's Calories-1200.

be overestimated; likewise protect

tal reaction so impaired that they United States extends from the first cannot make observations.

"Are our thoughts also at the bottom electrical?" asks Dr. Albert southern states, a number of cases were reported in 1939. In the southilet; ...us fever ern stat. is reported.

In the case of Rocky Mountain spotted fever, small rodents act as P. Mathews, professor of biochem-i -- at the University of Cincin-mitted through the bites of infected nati. "Whenever a nerve impulse ticks. In the case of endemic typhus

When the nerve impulses play back Both diseases have a sudden onthree to five days after onset.

Treatment has been tried by the use of sulfanilimide.

QUESTIONS AND ANSWERS

L. G.: "Will you please tell me if powder blown into the nose could get into the ears and injure them?" Answer: It is a possibility but a very faint one. I never heard of a

EDITOR'S NOTE: Dr. Clendening has seven pamphlets which can be obtained by readers. Each pamphlet sells for 10 cents. For any one pamphlet desired, send 10 cents in coin, and a self-addressed envelope stamped with a three-cent stamp, to Dr. Logan Clondening, in care of this paper.
The pamphlets are: "Tree Weeks' Reducing Diet," Indirection and Constipation",
in the and Gibbs. "" and Feedinstruction are: fi

Fair: and that he has held literally

function of the formal announcement

will be to put everyone on notice

that the Commissioner will from now on wage an active and, if he stays "in character" an aggressive cam-

paign to retain the post which is also being sought by State Senator C. Wayland (Rippling Waters) Spruill,

There is little doubt of the kind campaign Scott will make, He will hase his case for re-nomination on the claim that he has more than fulfilled the promises he made four years ago when he ousted veteran Will A. Graham by something like 20,000 votes to score what most seasoned observers conceded to be a major upset of the political dope Not so long ago the Department of Agriculture put out what it termed a "Three-Year Record of Achievement", a brochure which listed its outstanding accomplishments under the leadership of the incumbent Commissioner.
This will doubtless be the Scott "Campaign Bible" and every effort will be made to acquaint voters with

Increased efficiency along all lines will be claimed by Scott advocates and in support of this claim the rec-

ord will be cited to show that in the past three year every regulatory and inspectional service has been more

active; that the marketing service

has been expanded and vitalized to

the point where it is rendering far-

mers a better service than ever be-

fore: that the Commissioner per-

sonally cooperated in preparation of

the so-called Bailey marketing bill now before Congress and is exert-

ing every effort to secure its passage

in a form which will help North Carolina farmers; that politics has been scorned in the making of De-

partment appointments; and that in general, the entire Department has been "revitalized" to a degree which makes it almost unrecognizable to

those who knew it under its former

All of which will, quite probably,

aite safely of Scott that he never odged a fight in his life and will a able to "take it" as well as "dish

out" if the going gets tough.

(Continued From Page One) obey, Republican, New Hampshire,

r elimination of questions regardng personal income, took a new turn when W. L. Austin, census director, issued a statement that "no compromise" had been offered by the

Austin predicted that when the committee completed its study of tes-timony "it will be convinced that

these so-called income questions are

not only valid and proper, but are necessary to business—which asked for these questions — government

agencies, and Congress in planning solutions to economic and social pro-

Hatch Law

Is Debated

oureau.

disputed by Spruill supporters it that's what makes a good, hot olitical race; and it can be said

from Bertie county.

its contents.

"You mustn't blame yoursel! too Try not to worry about anything newspaper readers have known for till you're stronger." long time-that Mr. Scott has been

"I—I'll make it up to her." Terry's voice trembled. "As soon as I am well enough I'm going to as soon as th ask her to marry me. I'm not much pital. He sa

"Oh, Terry." Romany said happi- support a faly, "I'm so glad! Myra loves you. She told me for the first time in her

WRITTEN FOR AND RELEASED BY CENTRAL PRESS ASSOC sent me to see how you were."

PARADISE IS HERE

Terry grinned.
"Myra-said that? Swell! Then AT THE door of Terry's room guess everything's all set. Maybe to spur him to do things. He blames somebody'll give me a break so I himself for injuring Myra and feels he must take care of her. "Will you let me go in first, Cholly? I've a message from Myra

"Terry O'Rourke, if you settle make a go of it. Myra's helplessness for Terry. And if he's very ill it down to your singing, nothing in has touched the one chord in might upset him more to see you." the world can keep you from the Terry's Irish heart that will make op. If you stay sober-" When she hesitated, Ferry Romany knocked and a large,

round-faced nurse opened the door. sighed. "Listen, if a scare like this doesn't put a man on the water self. Oh, Romany! I'm so glad for "I've permission to see Mr. wagon, there isn't much hope for them both." O'Rourke a moment," she whishim. I'm cured. I've wrecked my-

self and injured a woma, for life. Nurse Boyer admitted her and went out. "Terry," Romany called softly. I've had my iesson." "I'm sure you have." Romany's voice was warm with friendliness "It's-Romany. I've come to see

Romany turned to Cholly.

"All right. I'll wait here."

Cholly nodded.

it seems."

Romany nodded.
"Yes. She sent for me."

to get off her conscience."

body would feel that way."

forgive." Terry smiled.

generously agreed.

are injured."

bandaged arm.

"Guess the kid had a few things

I told her there was nothing to

She asked me to forgive her and

"Myra isn't a bad guy. She's had

"About-Cholly." Terry closed his eyes. "Did she take my busting how you feel." "Oh-Romey." Terry opened his eyes dully. Then he made a gallant attempt to grin. "I'm glad to see "She was terribly sorry," Romattempt to grin. "I'm glad to see you, Glamor Gal." any assured him. "It happened just Romany tried to smile back. as she was about to announce her

"You sort of ran into something, ingagement." The muscles in Terry's face

"Argument with a truck, and I tensed, but there was no other sign lost." Terry closed his eyes again. of emotion. "I guess Hayworth is a pretty "How's Cholly?" "She's fine," Romany told him. swell guy. Tell Cholly they have my

"She's outside. I thought I'd better come in first and see if you wanted to see her."

She's outside. I thought I'd better blessing. But no man is good enough for my—for Cholly."

"I know." Romany said sadly. "But Terry, this is all for the best. "Sure-sure." Terry opened his eyes again, "Have you seen Myra, Would you like to see her for a moment? She is outside."

Terry hesitated, then shook his "No. Romey-not yet. Not now "Good!" Terry grinned painfully.

I-I'd kind of like to wait until I get used to the idea of marrying comebody else-and everything." Romany choked. "I understand. And so will

Cholly."

She bent and touched Terry's to climb up the ladder the hard cheek with ner fingers

"I like you, Terry! And goodby way and doesn't want to see anyfor now. I-I'll be hearing big body take her place. I guess anythings about your singing some of "Surely they would," Romany these days." "Thanks, Glamor Gal." ne

grinned again. Then he closed his "Tell me the truth." Terry said eyes wearily and Romany went then. "Is she going to be all hurriedly from the room. Outside the door. Romany took "I-think so. It's her legs that

Cholly's arm and led her down the Terry covered his eyes with a corridor

"He-thinks it's better for you "It's all my fault," he said to come later," she told Charlotte like to know, since I'm to be your hoarsely, "if she doesn't walk with great relief, "He's very tired, again, I was potted, and she didn't One visitor was about all he could want me to drive. But you know me stand today,"
when I make up my mind!" "He—he's g

"He-he's going to be all right?" Romany touched his arm sympa- Cholly asked, wiping her eyes on her wisp of a handkerchief. "I'm afraid so," Romany smiled.

much, Terry. You must get well "Or he'd hardly be making wedding plans."

Cholly stc Romany r "He's goi

marry Myra tity secret for the time being. one'll give h Cholly's ey "Myra or.

out of the lice- | She smiled, and her green eyes uesses some-ak so he can she remembered Brent and what she must tell him, and a shadow crossed the radiance of her lovely (To Be Continued)

"Myra and Terry have both learned

their lesson. The hard way, as Terry says He needs responsibility

"I've a strange feeling they'll

"I think perhaps you're right, He

"So am I," Romany sighed. "And

Back at the farm, a beaming

Baxter Tree ran down the steps

to greet the girls when they drove

"Romany!" He pulled her out of

When Romany caught her

"Why. Bax! What has happened

"My show!" He lifted her from

Cholly hurried into the house,

eaving them alone in the falling

twilight. Romany clung to him as

"I knew it," she said finally. "I

was sure you would sell it, Bax. Now you-won't go away!"

He kissed her warm cheeks ten-

"Not-if I'm not too late, dar-

ling. If I'm still in the running. Is

there any chance of my using up a

little of the time that Nelson guy has been taking so much of?"

"Oh. Bax! I've-a lifetime that's

yours. All yours. You-blind dar-

As Cecelia smiled from the win-

ow of the hall upstairs, Bax and

Romany became oblivious to the

world. Then Cissie heard footsteps

behind her and turned quickly. It

A few moments later Romany

"Oh, Bax-and who is our spon-

"Our lucky sponsor"-Bax kissed

her again-"is a perfume guy. The

Romany gasped. Aunt Cissie!

Lenoir was the broken-down com-

pany Cecelia had bought in Paris

and planned to move to Chicago.

But she decided it would be just as

well to keep the sponsor's real iden-

Lenoir Ferfume company.

sor for 'Paradise?' Naturally, I'd

was Brent Nelson.

eading lady."

remembered to ask:

Romany raised her lips.

if she would never let him go.

her feet and kissed her. "Hal Trot-

Myra will walk. Wait and see,

She'll walk for Terry's sake."

up to the wide veranda.

ter has sold 'Paradise'."

to you?

derly

the car. "Oh, my darling!"

breath, she said wonderingly:

needed someone weaker than him-

a man of him."

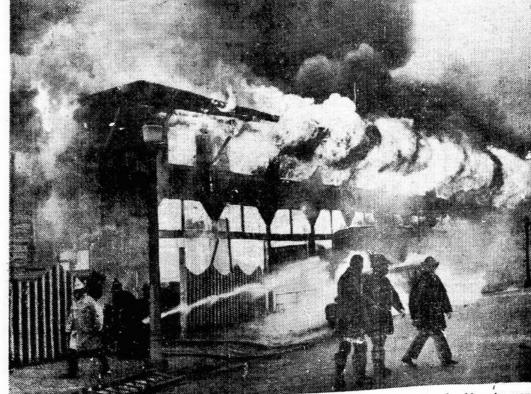
Cholly smiled suddenly.

Some of 10,000 Americans in Allies' Army



Canadian officials admit privately that more than 10,000 Americans have volunteered to fight for the Allies and are in the Dominion's army and air force or on their waiting lists. Here are three American volunteers, engaging in a soughest with Canadian buddies at Camp Lansdowne, Ottawa. They are (A) Joseph Zumbrelli, Scranton, Pa.; (B) Philip Stegerer, Washington, D. C.; (C) Omer Jette, Albany, N. Y.

8-Alarm Fire Destroys Baltimore Lumber Yard



Fanned by a stiff breeze, flames leap high in the air as Baltimore's most spectacular blaze in years destroys the Baltimore Lumber Company plant and two freight sheds. Eight alarms were turned in as destroys the Baltimore Lumber Company plant and two freight sheds. Eight alarms were turned in as destroys the Baltimore Lumber Company plant and two freight sheds. (Central Press)

Stewart Asks Where Would We Float 70,000-Ton Shin

By CHARLES P. STEWART Central Press Columnist

Washington, March 6.—Naval experts are talking now about battleships of 70,000 tons apiece. No craft of that size ever has been built but competent authorities testify that they'd be perfectly practicable. And gosh, but they would be strong!

afloat now. Forty to forty-five thousand tonners are under serious con-sideration. But 70 is the latest guess. and once I crossed the 16,000. That tub was There are three objections to 70,-

One is that a vessel of that size ton; thence, through Long Island would be enormously expensive to sound to New York That out, with build. But that doesn't greatly matter. The money can be dug up by

are available on earth of sufficient his Yankee manifests, sand capacity to do the building. Still, ade- touch system. quate yards can be provided.

Objection No. 3 presents a harder problem to solve. There isn't much ocean with sufficient water in it for a $70,\overline{000}$ -tonner to operate in. Seventy thousand tons could swish around in mid-Atlantic or mid-Pacific, to be sure, but when that much dead weight gets inshore, where it can be useful, there wouldn't be depth enough to accommodate it.

For example, one of Britain's complaints, in connection with its maritime campaign against Germany, i that the North sea's too shallow for John Bull's fighting boats in excess of such pewees as ten or twelve thousand tons. If J. Bull's really big vessels could get in there, they soon would clean up Herr Hitler's pocket scrappers. They can't get in, though, They require more water than the

North sea bathtub provides.

Panama Canal. And suppose we had three or four 70,000 tonners. In the event of general hostilities, we'd want to keep them chasing back and forth through the Panama canal, licking Germany some forenoon in the Caribbean and whaling Japan on the Pacific side the next afternoon or two.

Now, at present writing, a 70,000 tonner couldn't get through that

True, we have a new set of locks. Possibly 70,000 tons could skimp past on their basis, but even that's doubtful. It would scrape both sides and the bottom, at best. Otherwise the trip around Cape Horn would be ex-ceedingly monotonous in an emergency. It wouldn't be very funny to 70,000 American battleship tons stuck in the canal, either.

Landlubbers, Take Notice. I don't suppose our land lubberly inland population (such as that of

Iowa, where I was objught a visualizes 70,000 occurs going to Well, Daniel Defoe, at the ship of 800 tons." In our Civil period American shaphulders mentioned a 10,000 torner as a wonder I could cite mentions

near-impossibilities. osh, but they would be strong!

Within my own so short life I've consend to whale. From South America 1 journeyed on a 5.100 tolder to B_{0s} . ter. The money can be due to sound with a country which spends well into the billions annually. ter's personal friend and I sypewrote

A 70,000 tormer. through Long Island odnd, would throw water over both tonks and then stick in the channel.

So, while, as an expert. count for anything, fire and some experience. Seventy thousand

It can lick anything it had —if it can get to the county Leap Year Daddy



Proud papa is none other than Rep. resentative Melvin Maas of Minnesota, who is permitted to say helle to his Leap Year Day baby in Wash ington. Oh, yes, it's a hoy.

Two careless words doomed him to die!

Saved from drowning by the grim-faced crew of a mysterious vessel, Bill Strickland thanked his stars for a miraculous escape. And then . . . two little words, thoughtlessly spoken, condemned him to death before this fantastic night was over. What where the words-and can Strickland escape his fate? Read every chapter of

Killer Speaks

A BAFFLING NEW MYSTERY SERIAL

By RICHARD HOUGHTON Begins Friday In

Henderson Daily Dispatch