

HOW UNCLE SAM FIGHTS DISEASE

By Edward B. Clark

BETWEEN the people of the United States and disease and death stands the government's public health service. Perhaps it will be urged that the great body of physicians of the United States is the real safeguard of the people. This is in every high sense true, but in support of the first seemingly wide-reaching statement let it be known that the physicians of the public health service engage themselves faithfully and with proved efficiency in the labor of prevention of which, as the time-tried saying has it, an ounce is worth a pound of cure.

The surgeons of the public health service are not only sentinels in the field of warfare against disease, but they are the advance guard of the soldiers engaged in the fight. The campaign records show that on many fields by early victories they have made great battles unnecessary. It is a large part of their duty to overcome the enemy on his first appearance, and in many instances to make impossible his appearance in the field which he seeks to sow with the germs of disease which are his weapons of offense.

In the popular prints one reads columns of the activities of government in preparations for possible war. There seems to be a delight in dread-mights and abiding interest in battalions. Of the life-saving functions of the government one reads little. The work of the medical service is as devoted and more dangerous than that of the soldier. The doctor in his investigations, experiments and ministrations faces death in the time of peace, and in the time of war the surgeon with the soldier is on the battlefield. There is a living interest in the daily work of the public health service of the United States. It is carried on for the benefit of all the people, hundreds of thousands and perhaps millions of whom know too little of the labor in their behalf.

The public health service of the United States is a bureau of the department of the treasury. It falls directly within the office of assistant secretary of the treasury, Byron R. Newton. The surgeon-general of the service is Rupert Blue, whose research work and whose accomplishment in lines of medical endeavor are well known to the profession. There are six assistant surgeon-generals, Doctors A. H. Glennan, W. G. Stimpson, L. E. Cofer, J. W. Kerr, W. C. Rucker and J. W. Frank. They are all stationed in Washington and have direction over the various branches in all parts of the country.

Recently in the medical council there appeared this brief but concise statement of the manifold functions of the public health service of the United States government:

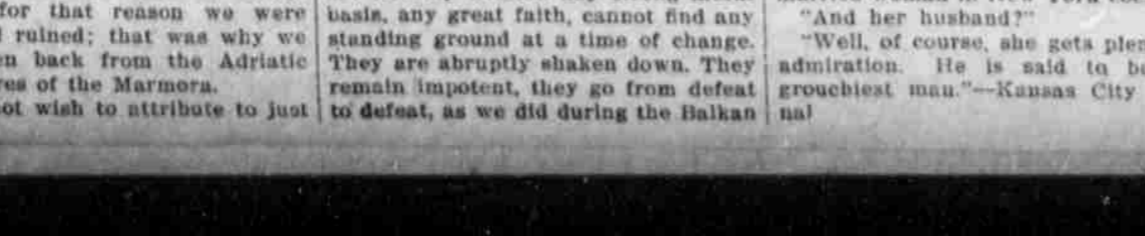
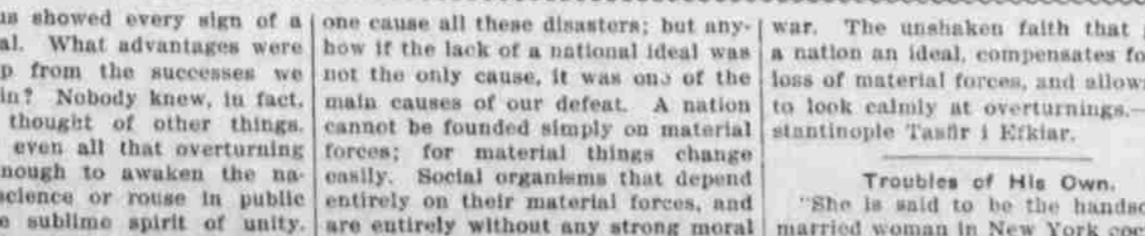
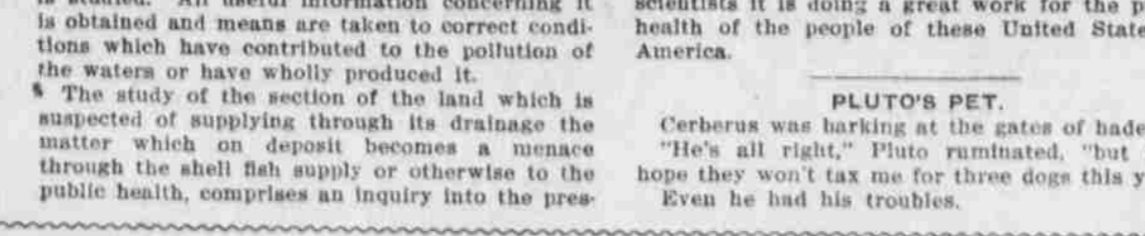
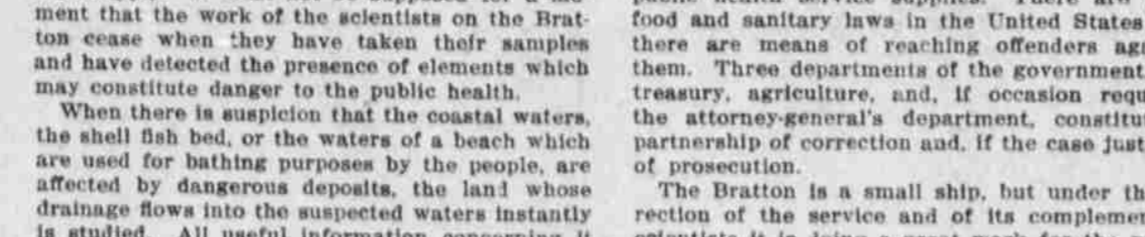
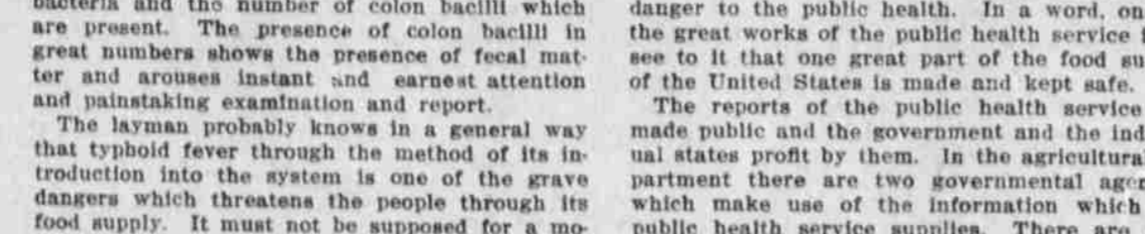
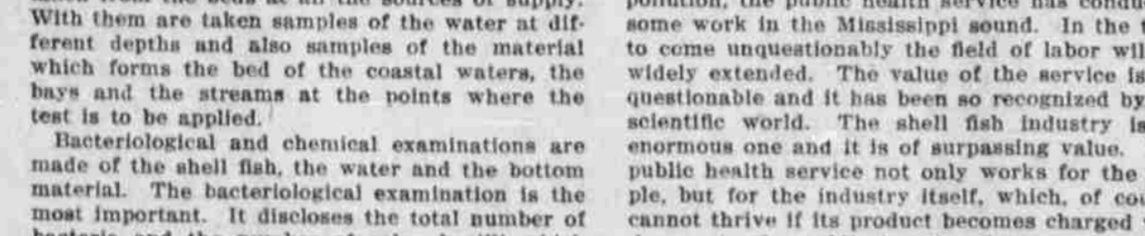
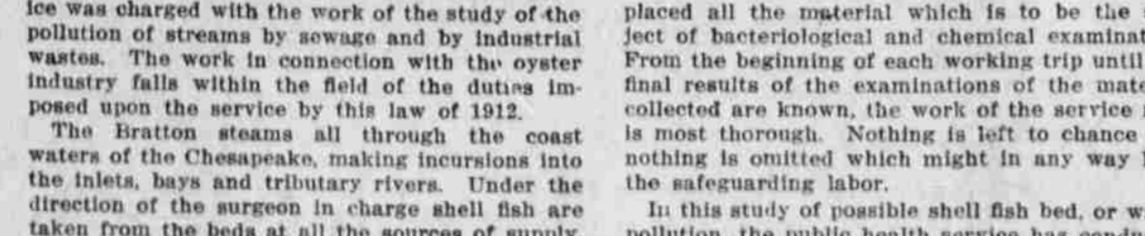
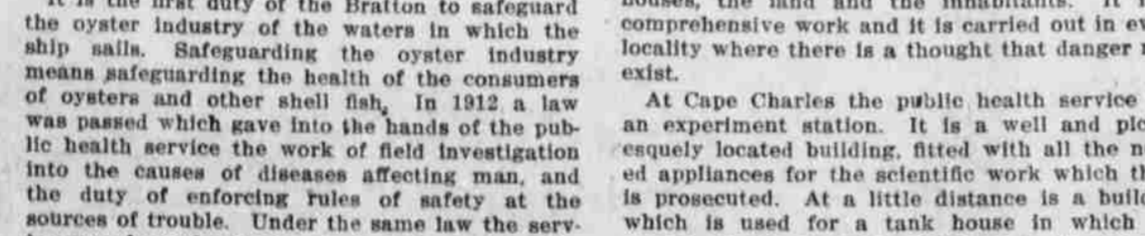
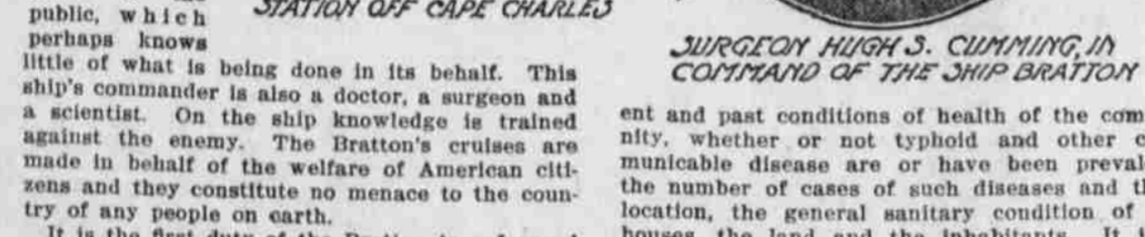
"Co-operating through the health authorities of the states, the service collects data upon the prevalence and distribution of disease, administers interstate quarantine, suppresses epidemics, conducts research work, maintains national quarantine, examines immigrants, regulates the manufacture and sale of biologic medicinal products in interstate traffic and furnishes medical treatment to various branches of the government service. Officers of the service may be assigned to duty in any part of the world."

It is the intention in the present article to take up and describe only one of the works and fields of labor of the public health service. The waters of Chesapeake bay and its inlets and tributaries form the field of an enormous industry. It is from these waters that are taken a large part of the shell fish approved as a delectable food by thousands and perhaps millions who never saw salt water. How many Americans nodding with the approval of appetite over their oysters on the half shell know that it has been a matter of government concern that the shell fish should be a food as safe to the health as it is grateful to the taste?

It has been said that the American people show great interest in a dreadnaught, a big ship built for offensive purposes, and, if it is not putting it too strongly, mainly for the sinking of other ships and their crews along with them—a killing purpose. Is it not to be hoped that an equal if not a greater interest may one day be created in the little ships of the government whose only work and only purpose are saving ones?

In the control of the public health service is a little ship called the Bratton. It bears the name of a surgeon of the service who did commanding work for mankind in a great yellow fever epidemic and who laid down his life for humanity. The scene of the Bratton's activities is on the waters of the great shell fish producing bay which washes Maryland and the tributaries thereto. It is one of the ships helping to guard the lives of ninety millions of people.

The work of safeguarding the shell fish beds from pollution and thereby performing the work of prevention at a source from which danger frequently springs, falls in the field of direction of Assistant Surgeon-General J. W. Kerr. "In charge of the division of scientific research." To give an idea of the immensity of the field of precaution, prevention and cure coming under the direction of one man it may be said that Doctor Kerr's duties as set forth in the organization chart of the service appear as follows: Laboratories; leprosy investigation station, Hawaii; hygienic laboratory, Washington, D. C.; division of chemistry, zoology, pharmacology, pathology and bacteriology. Field investigations: Diseases affecting man, pollution of streams by sewage and industrial wastes, rural hygiene and school hygiene. The services of the good ship Bratton are given



AQUATIC

Vivian Nickalls, coach of the University of Pennsylvania crew, is negotiating with his brother, Guy Nickalls, who coaches the Yale crew, for a race between the two colleges on April 3.

WRESTLING

Johnny Billiter has won another wrestling championship. What of it? That's what we say, what of it?

Manager Jack Herman regrets that Zbyzsko has seen fit to dodge German and Austrian bullets, for he says the wrestling game looks good for the winter.

BASEBALL

Rabbit Maranville may go on the stage this winter.

The statements made by President Gilmore that the Feds drew 1,600,000 fans during the year in the eight ball parks is regarded as fact. This means that each club averaged 200,000, which is not a large average by any means.

McGraw received a letter from Tilly Shafer from California intimating there was a chance for him to get back into the game with the Giants next year. The letter made the Giant leader feel very good.

GOLF

A Santa Barbara (Cal.) hotel advertises it has three kinds of golf in connection; probably bad, worse and worst.

About January 1 the golf bugs will lay up their tools for the winter, taking them out again about January 15, however, for early spring practice. You can't stop 'em.

Detroit is regarded as the almost certain location of the next amateur golf championship, as the West has had but one in the last five meets. The Detroit course is that regarded by Var don as the best in America.

HORSE RACING

J. L. Dodge will drive his mare Lady Waukena, 2:10, next year.

J. Malcolm Forbes is to be tried again, this time by Geers, who will see if the stallion can come back.

Cal Shilling, America's best Jockey, who was suspended a year ago for rough riding, may be reinstated by Christmas.

Murphy was 42 times first this year, 32 times second, 26 times third, 12 times fourth and 41 times outside of the line at the pay window.

Peter Pearl, 2:09 1/4, winner of the \$1,000 stake for 2:24 trotters at the Detroit short circuit meeting in June, will be in the Murphy stable next year.

Driver Thomas Murphy won over one hundred thousand dollars in purses on the harness circuit this season. Of this Peter Volo, an unbeaten three-year-old, contributed most.

PUGILISM

It is doubtful if Johnny Kilbane, the featherweight champion, will ever attempt to make 122 pounds again.

Sam Robineau, the Philadelphia lightweight, has been making a nice showing in the six-round game in the Quaker city.

Harry Foley claims he has discovered a wonderful boxer in the person of Ralph Grunau, a lightweight of Portland, Ore.

Eddie Shevlin, the Boston welterweight, who has been boxing instructor at Dartmouth college, has resigned to accept a similar position at Cornell.

Now "One Punch" Hogan clamors for pugilistic recognition. If he's anything like "One Round" Hogan somebody will put the reverse English on that name pretty quick.

Eddie McGoorty had hardly landed on American terra firma when he began to hurl defiance at Chip, Clabby and Mike Gibbons for the middleweight championship of the world.

It looks as if Jim Flynn, the fireman-fighter, is about all in. Jim, who has been battling for over thirteen years, has met all sorts of fighters and always gave a good account of himself.

FOOTBALL

The only way to win greenbacks on a football game is to pick one team to win and then bet on the other.

Dalton, former captain and kicking star at West Point, helped coach the University of Pennsylvania punters early in the season.

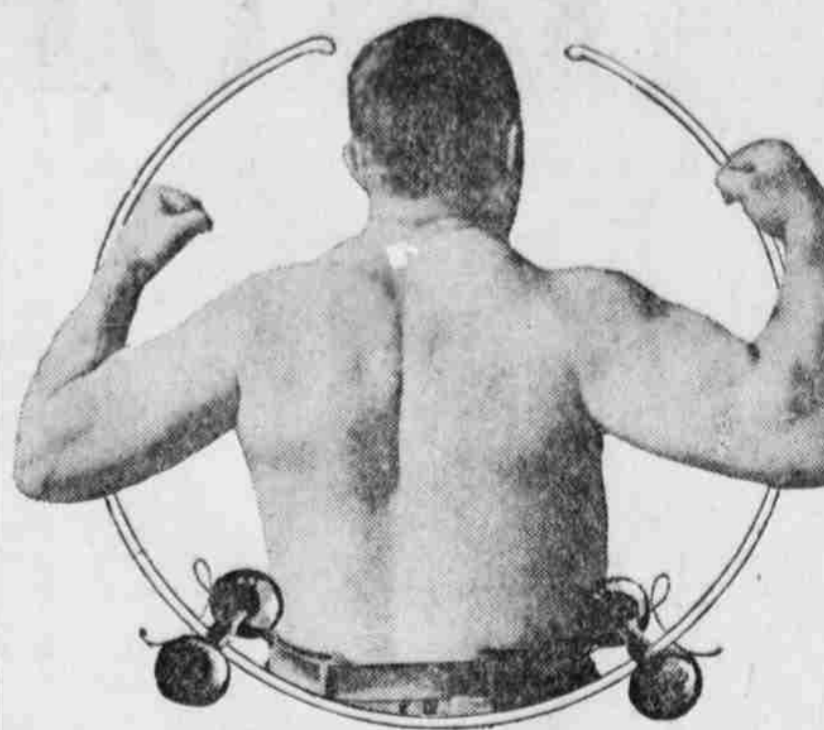
Glenn Warner, the Carlisle Indian coach, is an old Cornell player and for several years had charge of the football team at Ithaca.

Hubbard Bushnell, Michigan quarterback, married Miss Adele Johnson a year ago, but kept the marriage secret.

Oddly, the further we "develop" our football, the closer we get to the kind they have played in England since Tom Brown's day.

Robert A. Fowler, assistant trainer of the Harvard football team, who several years ago was well known as a distance runner, has been signed by the Princeton athletic management to coach the Tiger cross-country team.

STRONG MAN AT PENNSYLVANIA IN BAD



Mike Dorizas, Strong Man of Pennsylvania.

(BY FRANK G. MENCKE) "The Reversal of Changing from a Lamb to a Lion" ought to be the title of this squib which concerns Mike Dorizas, who footballed for the University of Pennsylvania, which is in Philadelphia.

Mike is a Greek and he's a strong Greek. Mike busted all kinds of lifting records, weight throwing records and strong man records at Pennsy and everybody thought that Mike would make a valuable footballer. Mike gave the game the up and down a year or so ago, and decided that he didn't care much about it.

However, extreme pressure was brought to bear upon Mike this year and at last, Mike jumped into the molasses, was put through a course of stunts and handed a football diploma which entitled him to a regular job on the Pennsylvania line.

Mike nearly squashed a couple of his foemen during the early games this year when Pennsy was pitted against some of the smaller elevens. Mike, with his tremendous strength, rode rough-shod over his rivals whenever rough-shod riding was required. He hung up a couple of foes and it wounded his tender feelings.

"Looka here," said Mike some weeks ago to Captain Journey. "My being in the game ain't a square deal for those other fellows. I'm so darned strong that I hurt the other fellows and I don't want to hurt anybody. Guess I'd better quit."

"Nix on your quitting," remarked the Pennsy captain. "Never mind about hurting the other fellows. This isn't a game of ping-pong. When you hit the line hit it and hit it hard. Your mob is to make holes in the line so some of our halfbacks can get through. You go and make those holes, Mike."

Well, Mike continued in the game, but Mike wasn't the same Mike of early in the season. Mike showed too much gentleness in the game. Mike made openings for his backfield men whenever called upon to do so, but when he did he usually lifted his

HONOR FOR ALONZO A. STAGG

Name of Athletic Field Changed to Commemorate Work of Noted Coach and Member of Faculty.

The board of trustees of the University of Chicago has announced the result of a vote at a recent meeting, when it was decided to change the official name of the football, baseball, and track athletic grounds from the former title of the Athletic field of the University of Chicago to Stagg field.

In commenting on the reason for the change in name, members of the board of trustees authorized the statement

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Defining his attitude, he says: "The game of billiards is a gentleman's game, essentially so as an amateur pastime. Every gentleman will concede every other gentleman the benefit of a doubt. There always is a doubt as to whether a ball called on a line is actually in such a position. I contend that no human eye can accurately determine the question."

"I consider the rule defining a ball on the line as 'in' objectionable. The professional motto 'as fair one as the other' does not appeal to me. The chief argument against my motion was that the rule as it stood was established when ball-line was introduced and had ever since applied in both professional and amateur contests."

SLEEPY BALL PLAYER FIRED

Vic Willis Was Sound Asleep When Umpire Emille Ordered Him Banned From the Field.

There is only one instance on record of a game who was asleep. Vic Willis was the victim. Vic was with the Boston team, and the players on the bench were warbling at Emille every instant. Bob was listening hard, striving to identify the culprit and keeping an eye toward the bench. Finally he whirled and called out: "Willis—off the field. Get out of there!"

The Boston players suddenly became convulsed with mirth. Emille rushed to the bench to enforce his mandate, and there was Willis, sound asleep and snoring, with his head resting against the side of the bench. Emille had to wake him up and order him off to make good.

Place for World's Series.

A rumor from the East says efforts have been made by several club owners to secure Yale's new stadium for the 1915 world's series. So far as the seating capacity is concerned, the arrangement would be ideal.

A prominent American league magnate is authority for the statement that every club in the organization, with two exceptions, lost heavily this season. He declared the Athletics are \$50,000 in the hole.

Referee Caught in Crush. In the New York University-Haverford football game Referee Ed Thorpe was bowled over twice. Each time he found it necessary to blow his whistle for time out while he recovered from two severe smashups. The intricate formations and trick plays employed by Haverford developed so quickly that before Thorpe had an opportunity to judge their legality he was caught unawares and knocked over. At the close of the game Thorpe limped to the dressing room.



Prof. Alonzo A. Stagg.

that the action had been taken as an indication of the place held by Director Stagg in the esteem of the Chicago students and alumni, and to commemorate his work in the firm establishment of intercollegiate athletics on a successful basis at Chicago.

Prof. Stagg went to the Midway in 1892, when the university was founded, and has held a place at the head of athletics ever since. He is ranked as a full professor of the university and holds the position as director of athletics and head of the department of physical culture.

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POINTS OUT TURKEY'S FAULT

Lack of Ideals Responsible for Succession of Defeats During the Balkan War.

At the opening of the Balkan war Ottoman public opinion did not show solidarity, and this not alone from the political point of view, but also socially. True, our hearts were not entirely unimpressed by the prospect of victory; and yet, in spite of this feeling, in many of all the excitement, our social status showed every sign of a lack of ideal. What advantages were we to reap from the successes we were to gain? Nobody knew, in fact, everybody thought of other things. Apparently even all that overturning was not enough to awaken the national conscience or rouse in public opinion the sublime spirit of unity. Precisely for that reason we were beaten and ruined; that was why we were driven back from the Adriatic to the shores of the Marmora. We do not wish to attribute to just one cause all these disasters; but any- how if the lack of a national ideal was not the only cause, it was one of the main causes of our defeat. A nation cannot be founded simply on material forces; for material things change easily. Social organisms that depend entirely on their material forces, are entirely without any strong moral basis, any great faith, cannot find any standing ground at a time of change. They are abruptly shaken down. They remain impotent, they go from defeat to defeat, as we did during the Balkan war. The unshaken faith that gives a nation an ideal, compensates for the loss of material forces, and allows one to look calmly at overturnings.—Constantinople Tasfir i Erkhar.

PLUTO'S PET.

Cerberus was lurking at the gates of Hades. "He's all right," Pluto ruminated, "but I do hope they won't tax me for three dogs this year." Even he had his troubles.

Troubles of His Own. "She is said to be the handsomest married woman in New York society." "And her husband?" "Well, of course, she gets plenty of admiration. He is said to be the grouchiest man."—Kansas City Journal.