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NEWS LETTER

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PUBLIC HEALTH IN CAROLINA

Carolina has, because of its achieve- might be. Very little attention was ments and innovations, won both na- paid to this by the majority of the peotional and international recognition. It ple, the children invariably suffering is a commonplace that we have one of the consequences of further neglect. the best state health departments in the Union and several state commis- When the present department of sions have visited us to see just how it Medical Inspection of the State Board is done so they can put our scheme into of Health was organized, about 1917, practice. Missions have recently come the director of the department deterfrom foreign countries to inspect our mined that some effort at getting chilhealth work. We are known abroad as dren treated should be undertaken or a state with a health system that is he would recommend the dissolution of state-wide in its scope, that has big the department. As a result of this plans afoot and in view, and that is determination, early in 1918, two specific succeeding with its state health pro- lines of endeavor were undertaken. gram. And the credit is due to the able One was the employment by the dedirector who has remained on the job partment, on a whole-time salary basis, in spite of big offers elsewhere, to the of a number of young dentists. These body of able men and women that he men were sent out into the schools, in has picked to enable him to carry out the country districts especially, and, up the program, and to the members of the to the first of August of this year, Board who are all far-sighted in their nearly 60 counties have had the privivisions. In this issue of the News Let- leges of service by the dentists. Their ter, alongside of the plan of organization services have been rendered only to of the State Board of Health, we are school children and the ages have been featuring just a few of its many activi- from 6 to 12, because that is just when

Free Clinical Service

Board of Health through what is now its Bureau of Medical Inspection of Schools commenced a thorough survey of several thousand children enrolled the realm of philanthropy and charity. in the schools of different counties in widely separated sections of the State of North Carolina with a view of ascertaining the actual physical condition of all classes and ages of school children. These efforts established the appalling fact that from 75 to 80 of every 100 school children were suffering from decayed teeth, or, what is worse, not over 5 per cent of them had ever visited a dentist for preventive or reparative work. There seemed to be no difference with reference to localities in which these children lived, the teeth of children from cities, small towns, and country alike being bad. These facts were well borne out by the first draft figures. For example, in one county where the examining physician made careful records of the teeth of each man examined, he found that out of 700 young men between the ages of 20 and 30 years, who were examined in 1917, supposedly the best physical specimens in that county, only 22 out of the 700 had retained all of their teeth, old men, nearly all of them, before 30! As it is an impossibility for an individual to enjoy perfect health without good teeth, the question naturally is a big one from a public health standpoint. These surveys also indicated that of smaller school children there could not be less than 40,000 or 50,000 suffering from the very common affliction of diseased tonsils and adenoids. For the worst of

Why the Defects

In its efforts to get back of these conditions and ascertain the causes of such conditions, the State Board of Health concluded that this state-wide neglect of common every-day physical defects in practically all classes of the children was due to several causes. In the order of their importance the causes may be stated as follows: (1) poverty; (2) the morbid fear of the words hospital, operation, dentist; (3) ignorance of the consequences of neglect and indifference; (4) a lack of specific instruction in the public school curriculum along these lines, and especially a lack of proper attention to teaching these subjects to future teachers, especially in the state institutions making a specialty of teaching teachers; (5) the undesirability of the average' child as a patient, especially from the standpoint of the dentist.

For several years past there have been sporadic efforts made in medical inspection of school children, presumably for the purpose of locating defects and at the same time trying to teach a little personal hygiene. The whole system, however, has been in the state almost a total failure, on account of the fact that no follow-up work was undertaken by responsible agencies. The parents or guardians of defective children were simply sent notices stating that such and such a child had such and such been successful in that respect may be would rest.

SOME HEALTH ACTIVITIES | a defect and recommending that the The State Board of Health of North ist or the family doctor, as the case

An Innovation

most good can be done, and also when work is needed. The work has been totally free to the people and is the first effort Beginning early in 1915 the State of its kind in the United States providing service of this class wholly at public expense on an extensive scale as a business proposition, entirely apart from To August 1, nearly 45,000 children have been actually treated and at the same time have been personally and specifically instructed in the rudiments of mouth hygiene and care of their teeth. Private dentists in the state as a result of this movement have reported many thousands of children having further treatment. Each dentist is equipped with a portable outfit and some permanent reparative work, of course, is done, but the main stress is laid on prophylaxis. Several permanent at Durham, Winston-Salem and Salis-

Tonsil and Adenoid Clinics

nearby city was requested to go and clinic our unqualified endorsement." hold the clinic. A school building, a new courthouse, sometimes a local hospital or any suitable place was equipped as done with only one death, a record that with teachers on through to nurses, frequently the family physician's examination, and winding up with the assistant physician in the clinic and the speemergency hospital equipment is provided with every facility that it is poschildren. Clinics have been held to date in more than 40 counties, from Cherokee in the west to Gates in the east. Every class of people has been interested in the clinic, and has been reach ed through this method. More than 700 of the operations have been done totally free of charge. Others have paid small fee toward helping defray the actual cost of the work. The dental work has been totally free. The one motto of the whole organization at all times has been to leave no effort untried to reach neglected children, the children on the mountain side, in the caves, and at the head of the creeks, the children who otherwise could not have a chance.

A Big Success

TOWN AND COUNTY CON-FERENCE, CHAPEL HILL, SEPTEMBER 19, 20, 21

The program for the first regional National Conference on Town and County Administration is about complete and will be announced in the press next week. From present indications the conference will be a good one, continuing in cross section from the work begun two years ago in the State and County Council.

Among the speakers announced are: Governor Cameron Morrison, Hon. E. C. Brooks, Dr. W. S. Rankin, Mrs. Clarence Johnson, Hon. Baxter Durham, Gallatin Roberts, C. W. Roberts, T. B. Patten, T. B. Eldridge, James Cowan, James Hines, Lionel Weil, J. W. Walker, T. C. Painter, Dr. B. W. Kilgore, W. C. Jones, W. A. McGirt, E. W. Knight, E. C. Branson, Lindsay Warren, and many other North Car-

From outside of the state there will be the Hon. Arthur Pierson of New Jersey, author of the New Jersey Municipal Finance Acts; Mr. H. Dodds, secretary of the National Municipal League, Mr. Morris Knowles, City Planner from Pittsburg; Mr. G. C. Grinalds, City Planner from Baltimore, and others.

Greetings will be read from Hon. Herbert Hoover, Hon. Newton D. Baker, and others interpreting the need for the study and practical working out of problems of local government.

Look for the program in full next week.

illustrated by a quotation taken from the Harnett County News of last June, written by a committee of citizens after a clinic had been held in Harnett county, each of whom had children in

made through the grouping up in clubs own eyes. To those sections of the state tween the state and counties in 1917. of several children needing these oper- which are yet to be visited by this insti- Under the new system the state em-

Tangible Results

in charge and every care possible has cerned, have labored long and faithfulbeen placed about these children. ly in order to iron out the difficulties health officers in North Carolina. ure. To August 1, more than 3,000 work for the medicial inspection of school have repeated examinations beginning on the intangible educational value, conditions and disease prevention: but, as in the past, little could have come of it all. Like any other mighty human agency that ameliorates the conditions of mankind this work has arousgreat mass of the people of the state sible to provide for the safety of the have heartily endorsed the work and, by their coopeation, have made it a pronounced success

How To Secure It

Any county can get this service by getcian or, better, the whole-time health That the efforts of the department have shoulders the defense of the country employ a

THE STATE BOARD OF HEALTH

ORGANIZATION

Secretary State Board of Health and State Health Officer.

Director Public Health Education.

Superintendent State Sanitorium and Chief Bureau of Tuberculosis.

Director State Laboratory of Hygiene.

Deputy State Registrar.

Chief of Bureau of Medical Inspection of Schools.

Chief of Bureau of Engineering and Inspection.

Chief of Bureau of Venereal Diseases.

Chief of Bureau of Public Health Nursing and Infant Hygiene.

Director of County Health Work.

Chief of Bureau of Epidemiology.

County Health Officers.

Sanitary Inspectors.

Public Health Nurses Clinic Surgeons and Dentists.

Clinic Nurses.

Public School Teachers.

Midwives.

Functions

To maintain an office at the capital. To look after the general health interests of the people and be health advisor to

the government. To advise the government in regard to location, sanitary construction, and management of state institutions.

To inspect such institutions, report condition, and advise trustees.

To have direct charge in case of certain epidemics.

To make diagnostic examinations of certain bacilli.

To make periodic analysis of water from sources of public supply, and from mineral springs whose water is offered for sale.

To make microscopic examinations for tuberculosis, and certain other diseases. To manufacture and distribute typhoid, diphtheria and other vaccines.

To maintain a bureau of tuberculosis.

To enforce the sanitation laws of the state.

To keep a record of vital statistics and to enforce the vital statistics law.

To enforce laws for control of contagious diseases, and for the prevention of blindness in infants.

To administer the law for the prevention of venereal disease.

To superintend public health nursing in the state, and to give information in the pre- and post-natal care of infants.

To supervise county health officers in counties cooperating with State Board of Health.

To direct the physical examination of the school children of the state, and provide clinics for the treatment of diseased tonsils and teeth.

To publish a monthly bulletin and other educational literature, and to make such reports as may be required by law.

COUNTY HEALTH WORK

County health work with a wholethe clinic. The resolution states in part: time county health officer is a unique was to cure sick people. The new department of our state health organidea in medicine is to prevent disdental infirmaries have been opened in the state as a result of the move, the most successful of these being the ones with the expense of operation. It was an education. Children of lawyers, school health work for several years. The work not with sick people so much as it is superintendents, manufacturers and ev- began nearly a decade ago with three with preventing people from getting ery trade lay together, received the counties employing whole-time doctors same careful attention and hospitality. whose business it was to look after the contagious diseases. Where they have The matter of getting surgical operations done for children in remote sections was a great deal more difficult problem; but, beginning in the same receive the heartiest endorsement of desiring to have more such officers, individends and those counties that see year, namely, 1918, experiments were every thinking man who sees with his augurated a cooperative scheme be- it that way are the ones which are

ations badly and a specialist from a tution we are offering in behalf of the ployes a superintendent of county health work with headquarters in Raleigh. At the present time he has working directly under him 23 whole-time county The officials and directors in this work health officers while four counties have

has never been surpassed in any hos- as stated in the beginning, has made an much to be desired that these 73 counpital of the United States, with the honest effort to do something about it, ties, which at present have nothing single exception of Rochester, New and for the children who need the service but a quarantine officer, who as a rule York, Tonsil and Adenoid Clinic, mod- all over the state. It would have been does practically no health work, eled after our own plan. The children much easier to have followed the usual will soon begin a campaign to employ who are operated on in these clinics plan and specialize in advice and harp a full-time doctor to look after health

How They Can Do It

23 counties are cooperating with the cialist who does the operating. An ed some antagonism on the part of State Board of Health, as a matter of were no supervision. The cooperative feature is mainly financial. For instance if a county wishes to employ a fulltime doctor, it can appoint whomever it chooses and secure a flat one thousand dollar supplement from the state.

The State Health Board risks its first covered. officer interested in really doing some- \$1,000. It has worked out a unit cost plan thing for the children and getting the and if a doctor is fully on the job and above named agencies to cooperate with turns in enough work above a minimum above named agencies to cooperate with the Bureau of Medical Inspection of Schools of the State Board of Health. It is a work of wonderful possibilities for the children of the coming generation and if carried on to the logicial conclusions another draft ten years from to-day would show an entirely different type of young menupon whose shoulders the defense of the country would rest.

turns in enough work above a minimum he can secure the full \$1,500 supplement to the county treasury. The country is paid its pro rata share of the extra \$1,500 solely on the efficiency of the health officer. The state has nothing to say as to whom the county shall employ but it does reward a country which makes a wise choice. Not only that, but the new plan makes it possible for any country, however poor or small, to employ a country health officer, if it only has the desire for such an officer.

Disease Prevention

The old idea of a doctor's business

What They Are Doing

A county physician's work is largely seasonal. For instance at present all the 27 county officers are busy vaccinating against typhoid fever. In the an emergency hospital. Nurses emdown to the last clerk, including the whole-time health officers independent smallpox and diphtheria prevention and an emergency hospital. Nurses employed by the department were placed have blored long and faithfulhave at present 27 whole-time county lookout for every sympton of seasonal these little sufferers, especially those having bad heredity to go on without being treated means ill health, poor been placed about these children. The plan has proved immensely popular, has been successful in the fullest means being treated means ill health, poor been placed about these children. The plan has proved immensely popular, has been successful in the fullest means being treated means ill health, poor been placed about these children. The plan has proved immensely popular, has been successful in the fullest means being treated means ill health, poor been placed about these children. The plan has proved immensely popular, having bad heredity to go on without being treated means ill health, poor been placed about these children. The plan has proved immensely popular, having bad heredity to go on without being treated means ill health, poor been placed about these children. The plan has proved immensely popular, having been successful in the fullest means being treated means ill health, poor been placed about these children. The plan has proved immensely popular, having been successful in the fullest means and to actually reach these children. But there are seventy-three counties in the state which have failed to catch the ure. To August 1, more than 3,000 work for the medicial inspection of school and the plan is simply follow-up work for the medicial inspection of school and the plan is simply follow-up work for the medicial inspection of school and the plan is simply follow-up work for the medicial inspection of school and the plan is simply follow-up work for the medicial inspection of school and the plan is simply follow-up work for the medicial inspection of school and the plan is simply follow-up work for the medicial inspection of school and the plan is simply follow-up work for the medicial inspection of school and the plan is simply follow-up work for the medicial inspection of schoo new vision of disease prevention, or covers the field of communicable disbeing treated means in health, pool are. To August 1, more than 3,000 work for the work of measles, smallpox, dipthheria, typhoid, scarlet fever, chicken-pox, veneral diseases and tuberculosis. One of their impornant tasks is to teach people simple ideas about sanitation around the house, the lack of which is the main cause of our sickness. They are busy in infant and maternal hygiene work, school hygiene, adult and home hygiene Although the county health officers in and care of the sick. In addition they do a great deal of microscopic work in their laboratories, making tests of all special and private interests, but the fact they work practically as if there kinds as occasion demands. The public health officer is beyond doubt one of the busiest men in the county.

The director of the county health work states that the average county doctor in the typhoid season will vaccinate 2, 500 people. During the winter months If the county chooses wisely, that is, if he will vaccinate upon an average 1,-Any county can get this service by get
ting (1) the county superintendent of schools and the teachers of the majority of the schools and the county physiity of the schools and the county physii

Only a short time ago the county officer for Sampson county left Clinton at one o'clock in the afternoon, traveled 63 miles and was back at eight o'clock.