

From a Drawing Entitled, "We've got that durned influenzy agin," by A. B. Frost, Published in the Kansas City Star, November 27, 1918

## THE 1918 KANSAS CITY INFLUENZA EPIDEMIC

BY KEVIN C. MC SHANE\*

"I believe the epidemic had its start in Kansas City by girls kissing soldiers in the army schools and from the cantonments who had become carriers of the disease. They carried to their homes, kissed others and in their turn these others have aided in communicating the disease. There is a great deal of kissing . . . and if a ban should be placed on it there would be less influenza." This state-

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<sup>&</sup>lt;sup>1</sup> Kansas City Times, October 18, 1918. St. Mary's Hospital at 2900 Main, the only hospital with 1918 medical records, refused permission to look into the personal records. All other Kansas City hospitals had disposed of their medical records of 1918 and 1919.

ment by Dr. A. J. Gannon, head of the contagious disease division, reflected his opinion of the origin of the influenza epidemic of 1918.

First reports of the disease in Kansas City came from the army-sponsored Sweeney Motoring School for mechanics. Within 24 hours 170 cases developed, followed by 500 in the next 48 hours, and 800 in the next week. Soon 2,300 of the 3,000 students contracted the disease. Between September 29 and October 4, fifteen of the motor mechanics died. In an attempt to check the spread of influenza, Major F. H. McGregor, commandant of all the army mechanic schools, ordered a quarantine—a measure that proved to be the most successful in combatting the disease. Army officials described the quarantine as a "reverse quarantine" because it was designed to protect the army men from civilians instead of the opposite.<sup>2</sup>

Few pestilences have spread so quickly and left such a pattern of desperate attempts to thwart it. The dread "flu" of 1918 killed more than 500,000 Americans and 20,000,000 suffered a temporary attack. No effective cure for the viral influenza was developed during the world-wide pandemic.<sup>3</sup> New York City and other eastern ports received the initial impact that began in the battlefields in Europe. Medical research tried but failed to combat the influenza until 1931 when Dr. R. E. Shope, author of *Swine Influenza*, isolated the virus.

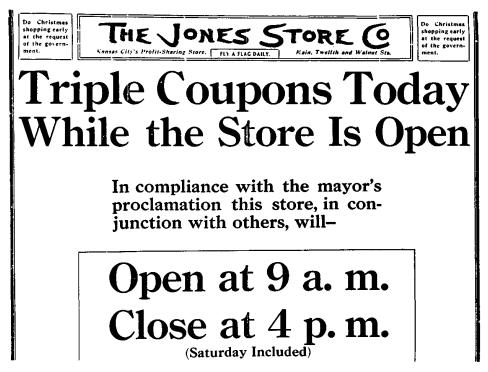
The speed and ferocity of the epidemic overwhelmed the authorities in the early stage. Within a few days three girls who had visited the Motoring School began sneezing and coughing.<sup>4</sup> Civilian officials, led by Dr. Gannon and Dr. E. H. Bullock, health director and head of the General Hospital, believed in a quarantine, but opposition to this health measure came from business and political interests.<sup>5</sup>

Although few people gave the cooperation that Dr. Gannon needed, no detail escaped him. His office made suggestions, offered advice and finally dictated many directives. Rules about public gatherings were published October 17, 1918, in the *Kansas City Star*:

All theaters and motion picture shows, all schools and all churches must close. Public gatherings of twenty or more persons [interpreted by the health board to include

<sup>&</sup>lt;sup>2</sup> Kansas City Star, September 27, 1918; Kansas City Post, October 6, 1918. <sup>3</sup> Frank L. Horsfall and Igor Gamm, Viral and Rickettsial Infections of Man (Philadelphia, 1965), 717.

<sup>4</sup> Kansas City Star, September 27, 1918. 5 Kansas City Times, October 18, 1918.



This advertisement appeared in the Kansas City Times, two days after Mayor Cowgill's October 17 directive.

dances, parties, weddings and funerals] are forbidden. Stores employing twenty-five or more persons may not open until 9 o'clock and must close at 4 o'clock. Crowding in any store is forbidden. Not more than twenty persons standing may be carried on street cars. Music and amusement in hotels, restaurants, and cabarets is forbidden.<sup>6</sup>

Any public gathering place either complied with these directives or Dr. Gannon's office placarded it with yellow signs marked "Unfit for human habitation."<sup>7</sup>

Health inspectors served notices on two principal offenders, restaurants and streetcars. Many cafes and restaurants served meat

7 Kansas City Journal, October 6, 1918.

<sup>6</sup> Kansas City Star, October 17, 1918. Also under Section 729 of the Charter and Revised Ordinances of Kansas City (1909), 738. "Whenever any residence, or portion of the city to the extent of one residence or one or more blocks or squares of ground shall in the opinion of the Health Commissioner, be infected with any malignant or infectious or contagious disease, he shall have the power, by and with the approval of the board to cause the said residence, block or blocks or squares of ground to be vacated by the residents or inhabitants thereof for the purpose of disinfecting or fumigating the same or if this not be deemed expedient or judicious by the Health Commissioner, he shall have the power and authority to close up the street."

scraps in soup stock pots. These were used a second or third time when the customer did not eat the meat. Dr. Gannon denounced it as a "dangerous practice." The streetcar situation also bothered the health department. Inspectors insured the cleaning of streetcars. By the second week of the epidemic it became necessary to fumigate thirty-two cars before they could return to duty.8 On October 8, Earnest B. Atchley, publicity man for the Kansas City Railways Company, said, "This company employs a force of 100 men, whose duty it is to clean, sweep and disinfect the cars every day, and since the influenza has come to Kansas City, the cars are cleaned, instead of every day, twice a day."9 On the same day in the Kansas City Times an article reported that conductors rejected inspectors from many streetcars and would not recognize the inspectors' authority. Mayor James Cowgill's proclamation on October 8, gave inspectors the necessary power to regulate the streetcars according to Section 9, Article 14 of the City Charter which gave the hospital and health board "The power to take all steps necessary to avoid, suppress or mitigate such a disease."10

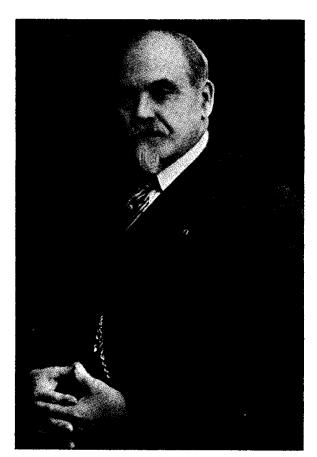
A majority of the upper house of the City Council agreed that all places of public gatherings be kept closed. But one alderman declared the resolution "Hun propaganda," intended to frighten Kansas Citians. Theater operators toiled under the first ban of eight days which began on October 7. When a second ban began on October 17, they became incensed. Mayor Cowgill and William P. Motley, president of the hospital and health board, listened to their complaints at a mass meeting, actually forbidden by law since 150 attended. Motley told the film distributors, operators and owners that he had signed the ban because he felt that his office required it. He quickly added that theater owners had a legitimate complaint. Heated discussions followed this statement, with the result that motion picture men volunteered to check the public places allowed to stay open. 12

<sup>8</sup> Kansas City Star, October 7, 1918; Kansas City Times, October 9, 1918; Kansas City Journal, October 10, 1918. Streetcars brought complaints to the Health Department as early as 1915. Trash, banana peels, peanut hulls, and papers left on the seats and not removed caused the Health Department concern in the Monthly Report of the Hospital and Health Board, III, Number 3.

<sup>9</sup> Kansas City Journal, October 8, 1918.

 $<sup>10 \</sup> Ibid.$ 

<sup>11</sup> Ibid., October 15, 1918. Mr. George Hook, a Kansas Citian, revealed the same sentiment in an interview on March 6, 1966. He felt the Huns used germ warfare against the United States to spread influenza.
12 Kansas City Times, October 18, 1918.



James P. Cowgill

Shoemaker, Missouri and Missourians, V.

Signs of a rift between Motley and Dr. Gannon developed in early October when Motley, with the efforts of business interests behind him, urged a lifting of the first ban. After an analysis of the ten-day period showed that the highest death rate occurred on the exact day the ban was lifted, Motley claimed that he was not informed of the number of cases in the city. He then staged open warfare against advisors of the health board and Dr. Gannon in particular. Motley and Cowgill were attacked for neglecting to do more constructive work. An editorial in the Kansas City Journal criticized, "Those selfish interests that have been besieging the municipal authorities in order that they may continue to make money, will now find that their selfishness will cost them far more dearly than if they had actively and willingly co-operated in protecting the public health." <sup>13</sup>

<sup>13</sup> Kansas City Journal, October 18, 1918; Kansas City Times, October 18, 1918; Kansas City Star, November 8, 1918. During the epidemic doctors neglected to report pneumonia and influenza cases even though they violated Section 737 of the Revised Ordinances that required the "sex, age, and residence of the party" having pneumonia. In the Monthly Report of the Hospital and Health Board of January, 1912, physicians received a stiff warning from the Department of Health for failure to report pneumonia cases.

As Kansas City attempted to "shadow box" the disease, profiteering appeared. One physician informed a girl she had influenza and he requested that an ambulance take her to a hospital. He collected nine dollars, a notable sum in 1918, and she went to a hospital where doctors diagnosed her to be suffering from "revelry" the night before. 14 Druggists profiteered by exacting tribute for simple nose and throat washes. Dr. Gannon condemned their actions when he stated, "I could make a tub full of antiseptic wash for the price some druggists are charging for a few ounces of salty water."15 North-Mehornay Furniture Company advertised, "The best preventive for Influenza is to keep your rooms warm and dry. Buy one of our excellent heaters and be safe and comfortable."16 Saloon owners joined in the profiteering by placing large signs behind the bars recommending the use of quinine and whiskey as a precautionary measure.17

Other business men disregarded the seriousness of the epidemic. Hotels neglected to report cases, feeling that their establishments might suffer.<sup>18</sup> Many landlords failed to maintain a temperature of 70 degrees in their flats and rooming houses. One city alderman commented, "Hundreds of citizens have complained of lack of heat, and the hospital and health board had declared that the landlords are prolonging the epidemic of influenza and pneumonia by not furnishing enough heat."19 An inspector for the contagious disease division found one man with discontinued gas service who "probably lived through the night through the kindness of neighbors who heated bricks to keep the sick man warm."20 Debate over the question, business first or health first, continued throughout the epidemic.

<sup>14</sup> Kansas City Star, October 27, 1918.

<sup>15</sup> Kansas City Journal, October 14, 1918. In the Kansas City Post, October 10, 1918, an article explained that a salt nose and throat spray manufactured for 25 cents a gallon sold for 75 and 85 cents an ounce.

16 Kansas City Star, October 27, 1918.

17 Kansas City Times, October 25, 1918.

<sup>18</sup> Ibid., October 19, 1918. Sections 733 and 739 of the Charter and Revised Ordinances of Kansas City forbade any "physician, hotel clerk, boarding house keeper or householder who shall secrete any smallpox patient or mislead the Health Commissioner so as to prevent the control of the same, any person who shall prescribe for or treat any case of scarlet fever, measles, typhoid fever, diptheria, smallpox or any disease of a pestilential or epidemic nature and shall not immediately on receiving knowledge that the person or persons afflicted with any of the said diseases, report the same to the Hospital and Health Board shall be deemed guilty of a misdemeanor."

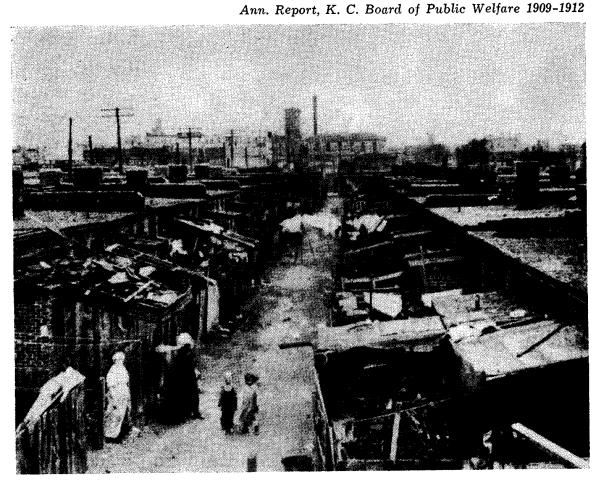
19 Kansas City Journal, January 14, 1919.
20 Kansas City Times, October 26, 1918. The gas company continually re-

ceived criticism during the epidemic for stopping gas service to homes.

Some landlords feared condemnation of their apartments and other buildings. Fire wardens examined and condemned 42 structures. One warden explained, "In the building at 1009 St. Louis Avenue we found tenants dumping slops and sewage out of the window into the alley. One of the women tenants told us that eight families lived in this building and there was no plumbing in the place."<sup>21</sup>

This spotlighted a major health problem in Kansas City. In 1912, 15,000 privies existed within the city. One housing report stated: "In the Penn Valley district, inhabited by working men and their families—substantial, everyday, you-and-I-kind of people—there are 1,179 dwellings. The toilet facilities are comprehended in

A Congested District of Kansas City



<sup>21</sup> Kansas City Post, October 21, 1918. Fire officials condemned the buildings for violation of fire and health ordinances.

the following: Modern, 200; dry sewer connected, 439; vaults, 530."<sup>22</sup>

McClure Flats, an area between 19th and 20th streets with Central Alley in the middle, also caused the health department concern. Condemnation efforts met with resistence. It was reported in the *Kansas City Journal*:

About two hundred persons, white, Mexican and colored live and die,—'mostly die' doctors say . . . the place was raided by the health squad and twenty-three cases of influenza found. Garbage cans had been provided but the residents of McClure Flats do not believe in garbage cans. . . . Children played in the garbage in the rear of a flat where an influenza patient was dying. On this garbage pile was poured the slops from the sick room.<sup>23</sup>

On November 27, the health board pronounced McClure Flats unfit for habitation. Henry Benjamin, health board member, asked if the flats could not be cleaned up. Dr. Bullock answered this by saying, "The brick walls are crumbling, underneath the floors which are built directly upon the ground—there are no cellars—large numbers of rats have nests. As you know, rats are one of the greatest carriers of disease. A number of large holes in the floors of the rooms afford rodents entry into the living quarters of hundreds of persons." Benjamin's question illustrated the apathy of the health board.

Conditions such as these warranted more direct action. But politics interfered. An editorial declared, "Practically every member of the health and sanitary departments hold their jobs by the grace of the bosses, and the same is true of members of the police department who are charged with enforcement of the multitude of health ordinances. . . . Sanitary and police officers long ago learned that it is of little avail to cite offenders into court or order them to clean up. In either instance there is a scurrying for, 'Tom', for 'Mike', or for 'Johnny' or some other ward boss with sufficient power to ward off punishment."<sup>25</sup>

Kansas City suffered from a fifty-fifty arrangement for jobs in

<sup>&</sup>lt;sup>22</sup> Report on Housing Conditions in Kansas City, Missouri (Board of Public Welfare, June, 1912), 18.

<sup>23</sup> Kansas City Journal, October 21, 1918.

<sup>24</sup> Ibid., November 27, 1918.

<sup>25</sup> Kansas City Times, October 24, 1918.



Ann. Report, K. C. Board of Public Welfare

the health department between Joe Shannon's "rabbits" and Tom Pendergast's "goats."  $^{26}$ 

Politics dominated the history of the General Hospital and the hospital and health board. In 1909 doctors faced charges of inhuman treatment for throwing pneumonia patients into tubs of ice water and making convalescent patients work on a patient's ulcerated leg as a punishment, and patients were fighting in terror against having operations the doctors were trying to press upon them. Finally, an investigating committee for the city found the charges "purely a political move to embarrass the Democratic administration."<sup>27</sup>

The same situation prevailed in 1918. Nothing missed Motley's surveillance. Early in October, Motley insisted that the city hospitals stop purchasing cauliflower and shelled pecans. He said, "These are war times. I want patients and employees to get plenty to eat but

<sup>&</sup>lt;sup>26</sup> William M. Reddig, *Tom's Town* (Philadelphia and New York, 1947), 82-83.

<sup>27</sup> Jackson County Medical Journal, XXVI (October 1, 1932), 19. No health records other than county reports exists within this journal.

we're not going to put out non-essentials."<sup>28</sup> His attack upon petty problems never ceased while larger problems faced the health board.

Dr. Gannon tried to ignore the political squabble. With the powers of a "health czar" he cajoled, threatened and harassed the citizenry. His efforts included fumigating schools, barber colleges and factories; ordering stores to provide disinfectant finger bowls for cashiers; complaining about undertakers who allowed inexperienced employees who normally served as chauffeurs to practice on influenza victims; and, requesting insurance agents and house-to-house peddlers to stay away from quarantined homes. Health inspectors needed motor cars to help in the cleanliness campaign. Instead of the health board obtaining the use of the city's vehicles for the doctors and inspectors, the health department relied on the courtesy of the public welfare board who loaned the cars.<sup>29</sup>

The shortage of motor cars troubled the health department almost as much as the shortage of nurses and doctors. Many Kansas City doctors and nurses had enlisted in the armed services. The demands of the war coupled with the influenza epidemic impeded nurses' training in all the hospitals.

St. Joseph's Hospital, erected in 1917, had barely established any routines before the epidemic struck the city. "The new structure where every room had sunlight a part of the day . . . saw ambulances wheeled to the back doors day and night, chaplains and nuns were on constant vigil as time was so short for some of the victims that no hospital stay could help them and the same ambulance delivered the silent ones elsewhere." One young nurse recalled the treatment of "silent ones." She cleaned patients with bichloride baths to kill the germs before the undertakers arrived. 31

Pitiful cases occurred as the invading influenza swept through the area. Inspectors discovered one woman who had been dead for twelve hours and had died without medical assistance. Two small children, hungry and grief-stricken, both too young to understand, had vainly tried to waken their mother.<sup>32</sup> The hardships of a family in Kansas City, Kansas, were reported in the *Kansas City* 

<sup>28</sup> Kansas City Post, October 2, 1918.

<sup>29</sup> Ibid., October 9, 1918; Kansas City Star, October 9, 1918; Kansas City Post, October 19 & 26, 1918; Kansas City Journal, October 20, 1918.

<sup>&</sup>lt;sup>30</sup> Jackson County Medical Society Commemorative Issue, L (June 30, 1956), 560.

 $<sup>^{31}</sup>$  Mrs. Ester Dunn in a personal interview on March 3, 1966 with C. Kevin McShane.

<sup>32</sup> Kansas City Journal, October 20, 1918.

Kansan, on December 3, "Leo L. Jones of 837 Sandusky died at St. Margaret's hospital. The same day all three of the children and a brother of Mr. Jones who was visiting him from Memphis, Tenn. were taken to the hospital with the dread disease. This morning, one of the girls, Essie Thelma, aged 5, died. A little boy, Jenidous, is very low and at noon his recovery was said by hospital officials to be doubtful, although the best is hoped for."<sup>33</sup>

The populace was partially responsible for the spread of influenza. People ignored the signs of coughing or dizziness that preceded the illness. The suddenness of the disease surprised healthy young men in particular. One employee at the Armour Packing plant said, "I picked up one box off a truck and I thought someone had stabbed me in the back."34 As one reporter commented, "Men in prime physical condition and those of strongest physique have been the easiest victims while the more frail have almost invariably recovered."35 Influenza respected no class, no geographic area and no age group. Many victims relied on remedies. Whiskey and rock candy remained remedies for some, although many doubted their help. Skunk oil hung around the neck of Orville Dalton, a Kansas Citian. This, he thought, helped him to ward off the disease.36 One woman "with the fear of death and 'flu' in her heart, and with a trusting disposition had been taking the advice of her neighbors and eating a cake of yeast each day." It was reported on December 5, 1918, "Now she is sick in bed with severe pains in her stomach. She is belching gas and is afraid she is bloating. Scoffing friends intimate that the yeast has begun to work and she is 'rising.' She fears that she will have to have an operation but continues to eat the yeast."37

Earnest Crain, a non-smoker, heeded the suggestion of a neighbor and smoked cigarettes to stave off the disease.<sup>38</sup>

<sup>33</sup> Kansas City Kansan, December 3, 1918.

<sup>34</sup> Mr. William Taylor in a personal interview on March 13, 1966.

<sup>35</sup> Kansas City Times, October 8, 1918. Mr. George Hook, a Kansas Citian, stationed at Camp Dodge, Iowa, substantiated this account in practically the same words. A. A. Hoehling in *The Great Epidemic* (Boston, 1961), mentioned this same phenomenon on page 40. Unfortunately Hoehling's book sketched the influenza epidemic poorly.

<sup>&</sup>lt;sup>36</sup> Mr. James Silverman in a personal interview on March 3, 1966; Mr. Orville Dalton in a personal interview on March 6, 1966.

<sup>37</sup> Kansas City Kansan, December 5, 1918.

<sup>38</sup> Mrs. Edris Crain (daughter of Mr. Earnest Crain) in a personal interview on April 4, 1966. Mr. Crain, interested in athletics, never smoked until the epidemic. Dr. Gannon contradicted this remedy in the Kansas City Journal on October 20, 1918, when he stated that many deaths occurred among "inveterate inhalers of cigarette smoke."

Dr. Gannon offered one remedy by telling people they should eat onions and garlic. One woman sliced onions and put them on window sills, behind pictures and on the mantle of her home. A nurse in charge of the contagious disease ward at General Hospital said she had used soda through smallpox, fever and other epidemics and had never had an ill day.<sup>39</sup> Eye, ear, nose and throat specialists proposed gauze masks to prevent influenza.

So with "Ku Klux seriousness," Kansas Citians donned white masks. Barbers, hotel and restaurant waiters, factory employees, elevator operators, cashiers, bankers, streetcar conductors and conductorettes placed their confidence in masks, since "The wearing of masks as a preventive against influenza is said to be the only truly trustworthy safeguard against contraction of the disease."40 However, wearing a mask provided a cover for certain activities, "Everybody should wear an influenza mask" said a soft-voiced gentleman to J. F. Elsworth, a grocer at 6427 East Thirteenth Street. "A freezing temperature also prevents influenza" the man declared, "and a grocery man should take all precautions against it. Try the ice box and see if it won't cure your cold." Mr. Elsworth did not take kindly to the suggestion but when a revolver was produced he did not hesitate. When he was released he found twentyfive dollars had been taken from the cash register.41

On November 11, 1918, a frightened populace emerged from a hermit-like existence. Nearly 100,000 Kansas Citians joined in the Armistice celebrations. As Mayor Cowgill said later, "Every man, woman, and child able to be out of bed was on the streets."42 On November 17, one report stated that influenza as an epidemic no longer existed in Kansas City as was evident from the sparse and sporadic cases reported.<sup>43</sup> While optimism persisted, however, Kansas Citians died.

The health board became concerned over the second phase of the epidemic and sought a scapegoat. They dismissed Dr. Gannon in a secret meeting. Motley objected to the doctor "doing too many things on his own initiative."44 The volatile meeting rang with insults. "'You're a ---- 'shouted W. P. Motley. 'No man can call

<sup>39</sup> Kansas City Times, October 18, 1918; Mrs. Ester Dunn in a personal interview on March 3, 1966; Kansas City Times, October 19, 1918.

<sup>40</sup> Kansas City Star, October 21, 1918.

<sup>41</sup> Ibid., October 27, 1918.

<sup>42</sup> Kansas City Journal, November 12, 1918; Kansas City Post, December 9, 1918; Jackson County Medical Journal, XXVI (October 1, 1932), 22.
43 Kansas City Post, November 17, 1918.

<sup>44</sup> Kansas City Star, November 27, 1918.



Stevens, Centennial Hist. of Mo., IV

Dr. Eugene H. Bullock

me a —— —— and get away with it,' answered Dr. Gannon. 'Give me that badge, you're fired.' 'I'll keep my badge you can't fire me,' came the reply."<sup>45</sup>

Henry Benjamin, health board member, resigned from the health board after Dr. Gannon's dismissal. Dr. Bullock resigned his job as superintendant of the General Hospital but decided to remain as health director. Miss Geraldine Borland, superintendant of nurses at General Hospital resigned in late January. Her resignation, never explained in the newspapers, remained a mystery. An editorial explained the resignations of Gannon, Bullock and Benjamin in this manner:

<sup>45</sup> Kansas City Journal, November 28, 1918.

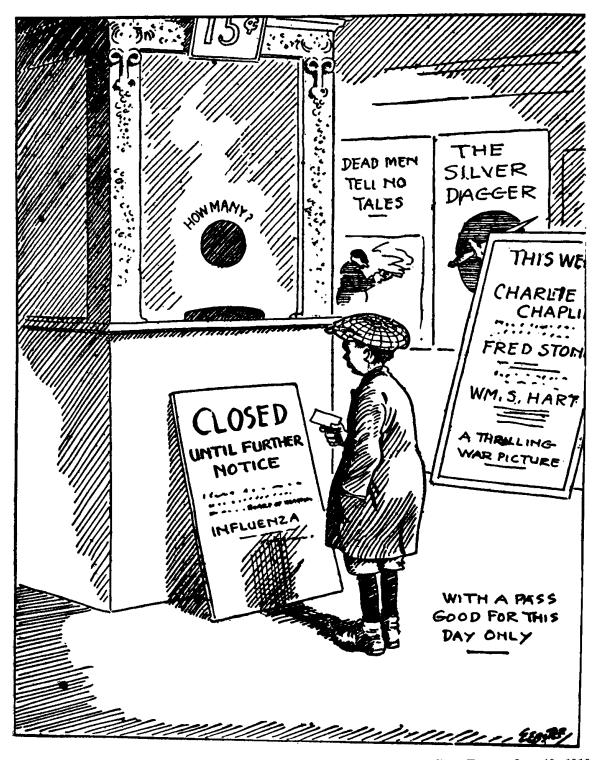
The unfortunate feature of bossism in the conduct of municipal affairs is that it invariably leads to driving out the good men rather than the political henchmen who are often the victims of factional wrangles. Personal wrangles between the president and almost anybody who differs with him have characterized the situation, even during the epidemic which has cost so many lives in the community.<sup>46</sup>

Regardless of the political difficulties, influenza cases multiplied. With Dr. Gannon dismissed, Dr. Bullock tried to carry on a campaign against the pestilence. Finally, Dr. Bullock, a flu victim himself, admitted the futility of resistance. He summoned help from the United States Public Health Service in a telegram in which he said, "Assistance is needed at once from your department to help control influenza epidemic in Kansas City, Mo. May we hope for your immediate help?"47 Two United States Public Health officers arrived. These men enacted no special legislation. Rather, the tornado-like pattern of the disease continued and the epidemic touched down in areas west of Kansas City.

In contrast, St. Louis exerted every effort to stop the epidemic. St. Louis enforced a harsh quarantine that aroused the business population. Health Commissioner Charles Starkloff of St. Louis met with Mayor Henry W. Kiel; Dr. B. C. Wilkes; Assistant Health Commissioner Henry Jordan; Dr. James Woodrugg of the Health Department; Dr. A. S. Barnes of the Chamber of Commerce; Dr. Canby Robinson, dean of the Washington University Medical School; Dr. Ellsworth Smith, president of the St. Louis Medical Society; Major L. C. H. Bahrenberg, Missouri representative of the United States Public Service; and, John Schmoll, director of public welfare, to discuss the epidemic. The business interests asked the obvious question, "But why should St. Louis be made the example of a nation?" Dr. Starkloff retorted, "Because St. Louis has to date

<sup>46</sup> Ibid., December 3, 1918 & January 28, 1919. 47 Kansas City Post, December 5, 1918. Dr. Bullock gave a daily record of the influenza in the telegram:

November 23,	58 cases,	6 deaths
November 24,	46 cases,	3 deaths
November 25,	157 cases,	7 deaths
November 26,	204 cases,	14 deaths
November 27,	318 cases,	7 deaths
November 28,	170 cases,	8 deaths
November 29,	414 cases,	12 deaths
November 30,	345 cases,	6 deaths
December 1,	185 cases,	12 deaths
December 2,	401 cases,	16 deaths
December 3,	397 cases,	20 deaths
December 4,	343 cases,	16 deaths



Kansas City Times, Oct. 19, 1918.

"Life's Darkest Moment"

the best influenza record of the nation and we mean to keep it the best."<sup>48</sup> This city, larger than Kansas City, fought the epidemic without political involvement.

Instead of a spirit of cooperation in Kansas City, apathy greeted the health department's efforts to correct unsanitary conditions. The new year, 1919, saw the end of the epidemic. Kansas City emerged with an alarming death rate. The 1918 death rate from all forms of influenza and pneumonia soared to 718.1 per 100,000 population as compared to a death rate of 205.0 in 1917 and 301.1 in 1919. During the last four months of 1918, 1,865 Kansas Citians died from influenza and pneumonia.<sup>49</sup>

Kansas City's high death rate was caused by the refusal of merchants, restaurants owners and motion picture operators to comply with orders, by the use of home remedies, and finally and fatally, by the political feud between Motley and Dr. Gannon. Dr. Gannon refused to accept the political situation and apathy. He attempted to assert the power of a medical dictator, necessary in an epidemic. But hampered by the fifty-fifty political arrangement and the feud with Motley he was unsuccessful as Kansas Citians tolerated the worst epidemic in the history of the city.

## Youthful Observations

St. Louis Globe-Democrat, October 20, 1966, by Allan Hale.

In the 11 years he has been a school teacher, Harold W. Dunn has, as a good teacher should, made a point of listening carefully to the confidences children volunteer while he is on playground duty at recess.

Some of them are startling enough to be noted in Mr. Dunn's collection of juvenalia, which now contains such items as "Velocity is how fast cars are going when they can no longer be measured in miles per hour. . . ." "The Grand Canyon is so large it is just to look at, not to understand." Or, about Death Valley, "The Weather there is so hot that most of its inhabitants have to live elsewhere."

A few observations, he says, are gathered from essays—such as this:

"Our vacationing would not have been possible if it had not been for geography. From now on I will put both gladness and wonder in my same thought about geography."

... Nobody is going to quarrel with the assertion of a youngster that "The difference between lakes and rivers is that rivers are always in a hurry to get some place."

<sup>48</sup> St. Louis Globe-Democrat, November 9, 1918.

<sup>49</sup> United States Mortality Statistics 1920 (Washington, 1922), 30.