

## The Exhibit

- Laupus Library, Fall 2018
- Joyner Library, Spring 2019
  - Wake Tech, Fall 2019
  - Story Map, Ongoing

Red Cross volunteers wear flu masks while they work. Seattle, 1918. Photo from the National Archives.

HE AFRICAN AMERCI

#### **Board of Health Takes Action**

The Martin County Board of Health has followed every precaution against the spread of the Spanish "Flu." All towns have been policed against people passing in and out, who have been exposed, and not allowed to congregate in or around public places. This seems to have had a very satisfactory result as the ratio of new cases is very much lower than last week. The matter of greatest importance is to stay from all places or persons where suspected cases are.

We have two solemn duties, one is not to give Influenza to our neighbors, the other is. not to catch<sup>®</sup> it from others.

Remember we have had many deaths already and may have many more, but we can reduce it by care.

#### **Research and Sources**

- Ongoing Research Project
- History Collections Resources
- The Country Doctor Museum Artifacts
- Joyner Library Manuscript Collections
- North Carolina Collection Microfilmed Newspapers
- Digital NC
- Dan Shingleton

Image Credit: "Board of Health Takes Action," The Enterprise (Williamston, N.C.), October 18, 2018.

#### **Presentation Outline**

- Overview and the Influenza Virus
- The Experience in Eastern NC
  - Timing
  - The Role of Newspapers
  - The Red Cross and Public Activism
  - Treatment
  - Case Studies
- Aftermath

Image Credit: A street car conductor keeps a passenger from boarding without a mask, Seattle 1918. The National Archives.

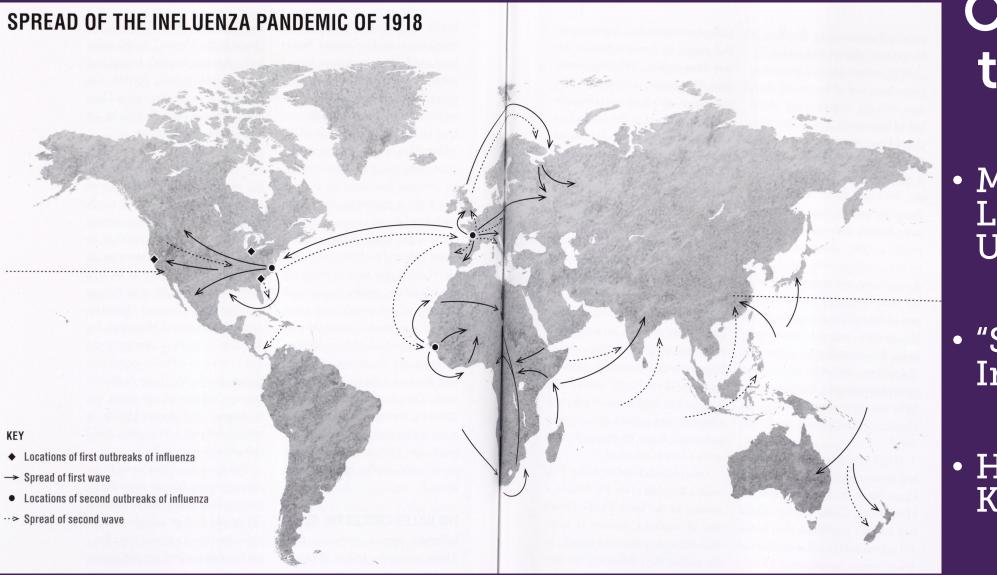


# Overview & The Influenza Virus



#### The War and Influenza

- 1918 was the final year of the war
- Every community in NC was infected
- More people died from the flu than in the war
- At least 20 million people died worldwide, 1 million North Carolinians were infected



#### Origins of the Virus

 Mutation Location is Uncertain

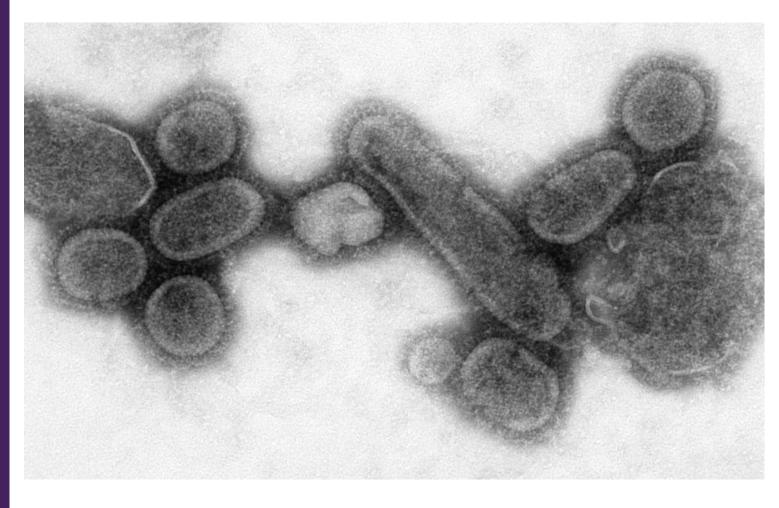
• "Spanish Influenza"

#### • Haskell County, Kansas

Image Credit: Marrin, Albert. Very, Very, Very Dreadful: The Influenza Pandemic of 1918. New York: Alfred A. Knopf, 2018.

#### The Virus

- Lethal Strain
- Bird Influenza and Human Influenza
- Virus Discovered in 2005



Electron micrograph of the 1918 influenza virus.

Photo Credit: Cynthia Goldsmith Content Providers: CDC/ Dr. Terrence Tumpey Centers for Disease Control and Prevention's Public Health Image Library

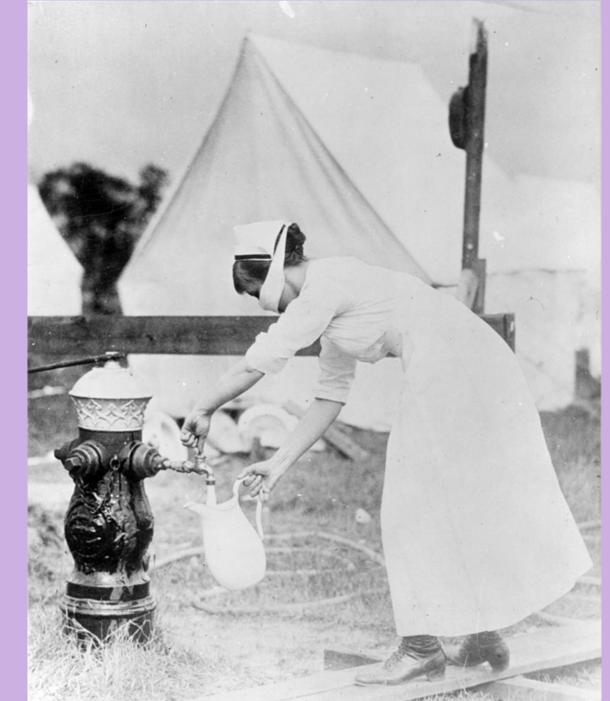
## The Symptoms

#### **Typical Flu Symptoms**

- Body Aches
- Coughing
- Chills
- Fever

## Additional Symptoms in 1918

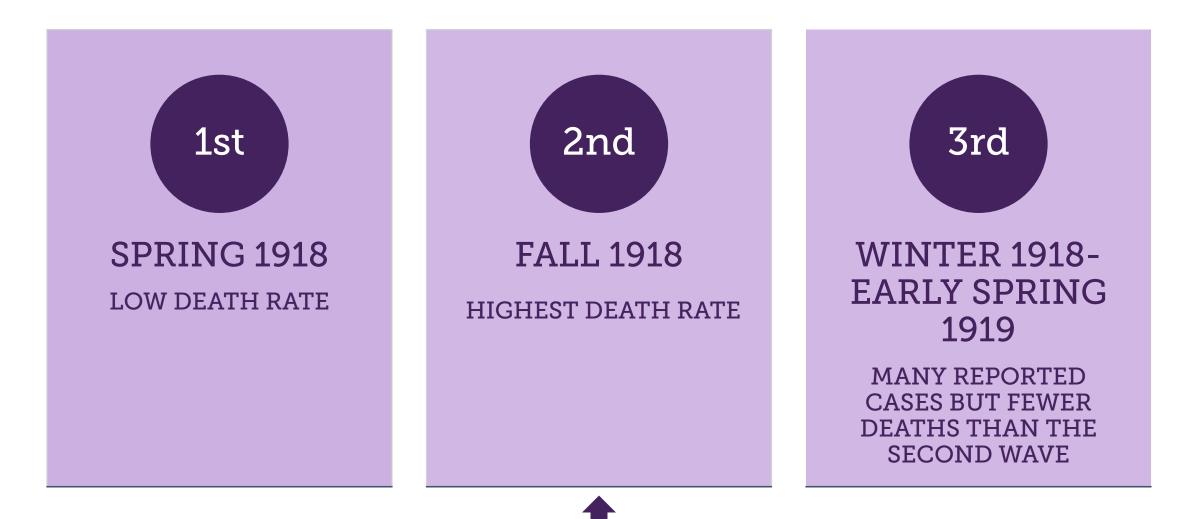
- Pneumonia
- Turning Blue



"The chief symptoms which I can personally verify were a rapid, progressive feeling of weakness, aching, cough, chills and fever. Within an hour or so it was for one to become bedridden and nursed by terrified members of one's family. In many cases, every member of a family would develop the disease eventually, where as in other families, one or two members seemed immune to the virulent flu."

Dr. Robert Fales, Wilmington, NC Physician

#### **3 Waves**

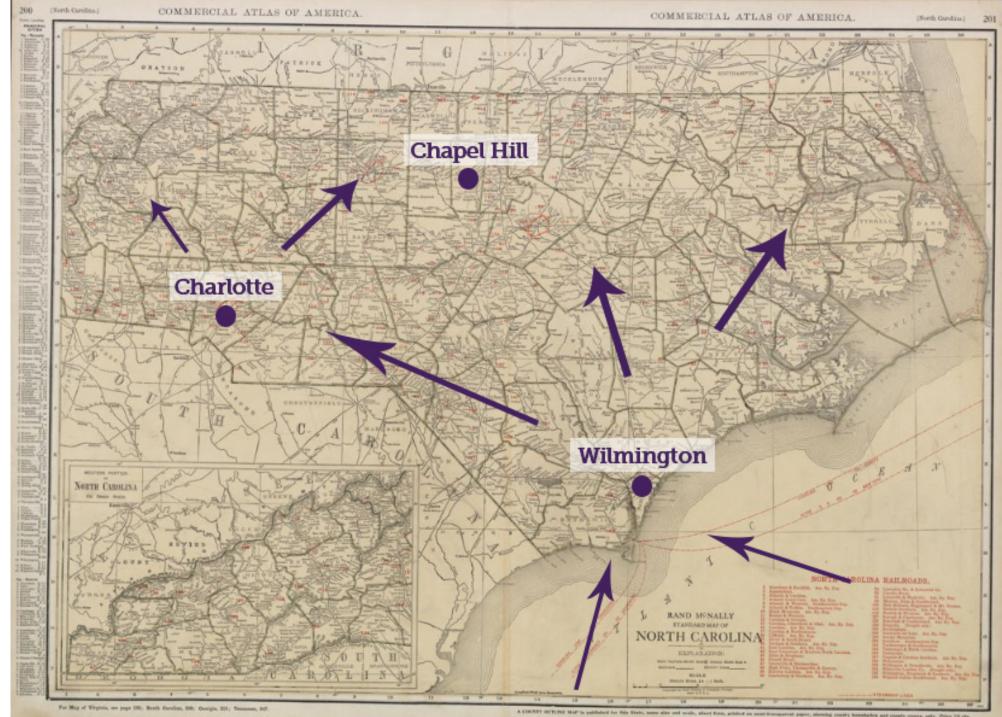


The Case Studies Will Focus on this Wave

#### Arrival in North Carolina

- Wilmington on September 19, 1918
- Charlotte in late September 1918
- Most of the state was affected by early October
- The University of North Carolina

Image Credit: "Standard Map of North Carolina," Joyner Library. Overlaid information added by the author.



The Experience in Eastern North Carolina



#### Timing

• World War I meant a shortage of doctors on the Homefront

• Dr. Cecil Garrenton and Bethel Citizens Bethel, N.C. April, 7, 1919

Dear Doctor :-

We do need you to come home so much. Your family, as well as the people of the community, want you to come home just as so on as possible.

You know you have been away from home now for near two years and we have been forced to undergo many dificulties and anxieties during your absence.

Please, if possible, plead with your commanding officer to recomend your release, at once and try to come home as we need you here and want you to come home. You know you have been away from your Family now for near two years and they need you as well as the people of the community.

The people of this place have been forced to send to Greenville and Tarboro, N.C. for medical attention on several occasions and you know it is 16 Miles from this place and it thereby works a hardship on the community at large in having to do this. We most earnestly urge you to try and see if you cannot get an honorable discharge so you can return to your practice immediately as the poeple are asking for you, and want you to back. You know you left us in a very trying time and we have pulled on to now, but since you are back on the U.S. soil we want you to come home to your Family and practise

Awaiting your early reply and advice as to when you think you can come we are, Yours with best wishes for your return home at once,

2 D. Bullack

Burough

mand Banefiel

sity, Image Cred

Image Credit: Garrenton Family Papers (LL 02.02), at The William E. Laupus Health Sciences Library, East Carolina University, Greenville, North Carolina, USA.

Image Credit: Garrenton Family Papers (LL 02.02), at The William E. Laupus Health Sciences Library, East Carolina University, Greenville, North Carolina, USA.

#### **Public Fear and the Role of Newspapers**

- Local newspapers spread the word about:
  - Symptoms
  - Number of local cases
  - Quarantines
  - Other closures
- Local papers also published State Board of Health statements







than ever as a result of President Wilson's query

to Prince Maximilian testing the Teuton sincerity in their peace maneuvering. From an official viewpoint the President has

stripped away the masks and robbed Germany of her chance to stir the people with the plea our enemy is obdurate and seeks only to crush us.

The President's maneuver is called adroit by those close to him. On the other hand many complained that the inquiry left the door open and that he did not meet the expectations by a stiff an-

Therman, et. h.-The Bernant ampered, attraction of the German molecule at Swidtr, Abarr, late in September, The

DEFIAN

(By United Press.)

imposit to be fires debewhere

Wingate & Son

The feeling as a whole is that the President has shown absolutely no sign of weakness but on the

contrary has given Germany a decidedly strong to ind stop of our block these periods the occupied territories before any peace proffers into a block to an article to could be considered.

intuition as its sevents and we The general thought is that the inquiry of the President is more effective than curt blustering Dr. Wiley J. Brown Notice To Patrons demand of unconditional surrender and meets the fooded size are on us to the fooded of unconditional surrender and meets there exists and the set of the s t dop of blood of every Balgeries sincere proposals.

PRESIDENT'S REPLY TO GERMANY fore out counter wrest from no hand this latence to Germany.

The test of the communication handed to the charge of Nucliaryhad here follows: "Se: I have the boose is acknowledge, on behalf of the President, your

note of October 6, inclusing communication from the Greman govern-ment in the President, and I an instructed by the President is request you to make the following communication in the imperial Greman

yes to base to be added on the sequence of the imported Garman pro-relation and its order that the regional of the imported Garman pro-relations and its order that the regional the as randid and straighter-ward as the momenta interests interfer region, the Preddent of the Childs States down it importantion is insure thisment of the result man-tal straighter interference on the second straighter in the Child States down its importantion is insure thisment of the result man-tant man man straighter in the second straighter in the second straighter in the second straighter is insure the second straighter instraighter in the second straighter in the second straighter in the second straighter in the second straighter is in the second straighter in the second straighter is in the second straighter in the second straighter is interesting and straighter in the second straighter is in the second straighter in the second straighter is in the second straighter in the second straighter is in the second straighter in the second straighter is interesting and straighter in the second straighter is in the second straighter is interesting and straighter is interesting and straighter is interesting and straighter in the second straighter is interesting and straighter is intere ing of the note of the importal chancedor. Does the importal chance man that the imperial German government accepts the terms laid down by the President in Ms address to the Congress of the United States on the Sik of January last and is subsequent addresses, and that its ob-ject in subring into discussions would only be to agree upon the practi-

est details of their application. "The President forth bound to say with report to the suggestion of an arministr that he would not feel at liberty to propose a r of arous is the prevenuents with which the prevenuent of the United Nature is associated applicat the restral powers as long as the armirs of these powers are upon plots with. The pool faith of any discussion would manifestly depend upon the encourt of the exercise powers in ediately to withdraw their forces everywhere from invaded territory. "The President also fools that he is justified in asking whether the imperial charaction is speaking merely for the constituted antherities of the amples who have as far conducted the war. He downs the accurry to these questions vital from every point of view;



Now, Therefore, be it musticed that all excellences, functions of which are it description, there, it haves a discussion of transmission, Charden-and Schuch, and giff about places where errors are annual-panel of the statistic be and the statistic or herein planet, the state of the states and affect in the state of the state of the state is the state of the field of the state of the state of the state of the field field beam of the state of the state of the field of the field with married the suspension of this state, the state of the field field with married the suspension of this state, the state of the field field with married the suspension of this state, the state of the field of the state of the state of the state of the state of the field of the field with married the suspension of this state.

It is forther around that all such frontains and other places where drinks are dispensed abait use for said purpose sanitary drinking cups or siccilized glasses,

English. The Scottish and Irish units drove deep into the enemy lines capturing Beancourt and And this order shall be in full form and offset on and after October 11th, 1915, And any person, firm or surporation visitating this order, spon combition, shall be faund Sid.M, or imprisoned for thirty days. Promont.

The shortfit and MA deputies, all constables, and pulse allows of the territors are separated to rightly estowe bits order. All previous are separated and the compression of pulse on the storest and divers are received and repeting to endow the risk. A transmission of  $\lambda$ 

ATTENT LALBORN DENN.



dun't mind the sacrifice, however, A triogram was received in this cigreat, when it is for the better-ment of the public weifare. The riming order need be of very short is morning annearing the death of Dr. Wiley J. Brown, son of Mr. and rs. Wiley Brown. The rod camp-retreday affertness at 5.56 d'elock at duration if we all do our part part faithfully. You are urged to here your children at home close hattannigs, Trun, where he was rading a few days on furiough. The ly. Kerleyly ice many children may be seen on the sirvets at all readed by Spanish Inflaman. bours of the day and unless we Dr. Brown was thirty years of ago and one of Greenville's most popular sharves the chains order man ridigly it will be prolonged in definitely. He watchful ever you ad beloved putsag men. He was gradand is desilater from the Malical shildren and this spidentis of dis

tirgs of Richmond, Va., last al relaceporativ, passed both of the man will be suickly simmed on mining boards in Virginia and Yours for the Fourth Liberty eth Carolina to practice his probe-Loan and Belley Sel II. G. SWANSON. ion. In June last he cutered the se-Aperialmi in of his country and wont to Fort

whetherpe where he was "atlaged. In July last he was ?" "32y marr Mine Chine Johnston of Hickmand, Serious, Riots Va. He was a consistent member of the Methodiel Church. Have Broken The document was a proving man of Out In Bavaria bright promise and to be cut of so subbroky. Just as he was brighting



Greenville Boys

(By United Press.) Rose-Construed ranges have hat time the remains will arrive in Bavaria waville for burial. This will be



Attacking under the cover of darkness the French and Americans caught the Austro-Gerans completely by surprise and advanced a mile and a quarter in their initial rush. On account of the coming daylight the resistance stiffened but the Allies shoved ahead and made great inroads into the enemy lines. The progress in this sector a extremely important as it removes the danger of an American flank along the Meuse and has routed out the German artillery nests.

(By War Expert Taylor)

The French and American troops in their attack

east of the Meuse advanced as much as six kilo-

The assault has grown to such a scope until it

now encompasses the whole front between the

two cities. An advance of three miles has made a

total penetration of five miles in the center where

the Americans are fighting side by side with the

The Americans engaged in the fighting were

General Lewis' "wildcats" division comprising

troops from North Carolina, South Carolina and

Tennessee. On the extreme left, just south of

Cambrai the Germans launched a counter attack

neters at some places.

Paris-The capture of German positions on a three mile front southeast of St. Quentin has been made the war office announces. The German counbeen reviewt here that serious sate | ter attack... were repulsed along the Arnes river.



As has already been announced London-Field Marshal Haig wires the British (By War Expert Ferguson) Arca Members of the minute of the party war office as follows: "The British troops have en-



--- are in being united. Wingste & Non, are surviy mak a most factoring after to the formhat is they will pay and cout a at show the marget price for "Arrespt, sir, the reserved assurances of my high est the that will study shad middling be uing a horse or make.

## The Red Cross

- Localized relief
- M.K.B., Morehead City
- Committee Chapter on Influenza



Image Credit: "Demonstration of the Red Cross Emergency Ambulance Station in Washington D.C. Library of Congress.

"A mass meeting was held in the Red Cross rooms where we organized for work. The town was divided into districts, each district having a committee to make house calls...I was on duty nearly twenty hours a day, the first three days after my arrival, and from fourteen to eighteen thereafter, only going off duty when I could no longer stand...From the beginning, the physicians... the volunteer nurses and I, wore face masks, made and furnished free by the Red Cross."

M.K.B., Red Cross Nurse serving in Morehead City, NC

The American Journal of Nursing, May 1919

#### Soup Kitchen Opened.

We are requested by the committee to inform those in need of nourishment, and their friends, that a scup kitchen has been opened in the Leggett store recently occupied by T. L. Smith, where hot soup and other nourishments for the sick can be had upon application, until this terrible epidemic has passed.

Donations of material for the proper maintenance of this in stitution for the help of local needs, are earnestly solicited.

#### **Public Activism**

- Community Members rose to the Occasion
- Soup Kitchens
- Plymouth, N.C. Example

Image Credit: Article published in The Roanoke Beacon (Plymouth, N.C.), October 11, 1918.

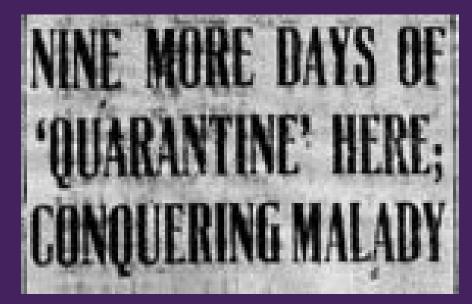
"I have been delivering soups for the last two weeks to the sick, those that have no one to wait on them. We have a soup kitchen down town. Make beef and chicken soup, boiled custard, chicken salad, lemon cream, and sandwiches. In some homes every member of the family would be down with it. In others, two three and four would be sick. We carry things all around town and as far as ten miles out in the country."

Mammie, Plymouth, NC, October 23, 1918

Joyner Library Manuscript Collection #381

#### **Treatment and Care**

- Quarantines and Fresh Air
- City-wide Quarantines
- Newspapers



Kinston Daily Free Press, October 11, 1918.

#### **Board of Health Takes Action**

The Martin County Board of Health has followed every precaution against the spread of the Spanish 'Flu.' All towns have been policed against people passing in and out, who have been exposed, and not allowed to congregate in or around public places, This seems to have had a very satisfactory result as the ratio of new cases is very much lower than last week. The matter of greatest importance is to stay from all places or persons where suspected cases are.

# "I believe in <u>staying in five days after you think you</u> <u>are well</u>, and have sunshine and air in your room."

Maria Whitehurst, New Bern, NC, October 28, 1918

Joyner Library Manuscript Collection #617

## "Great emphasis was placed on the need of fresh air, cleanliness, and nursing care, in every home that I entered."

M.K.B., Red Cross Nurse serving in Morehead City, NC

The American Journal of Nursing, May 1919

### **Treatment and Care**

- Attempts to ease the suffering of patients
- Pain medication
  - Aspirin and Morphine
- Controlling Coughing
  - Codeine and Heroin
- Stimulants
  - Atrophine and Strychnine
- Vaccines and Quinine
- Gelsemium
- Self Prescribed



#### Use for Booze.

Numerous reports say, the Government is shipping whicky to points where the influenza is epidemic. One report has it that an enormous quantity of 100-proof passed through Goldsboro recently en route to Camp Jackson; this was not confirmed. New Bern expected a supplis at the weekend. Other places have made requisitions for it. It is said by some that rye spirits make absolutely the best medicine that can be used in treating the disease.

#### USE OF ALCOHOL QUESTIONABLE.

The Free Press does not regard the tendency to let down the anti-liquor laws in the fight against influenza very favorably. Any latitude that is given the health fficers will certainly be taken advantage of by some unscrupalous persons. A large part of the medical fraternity is now agreed that alcohol is not a stimulant and is not necessary for medicinal purposes. The Free Press ventures the ; rediction that the percentage of recoveries where alcohol is not used will be greater than where it is employed and it is a well established fact that these who are addicted to alcoholism are most susceptible to the raveges of pneumonia.

FOR THE "FLU."

Mrs. R. B. Dunn has received the following from a resident of Swansboro as a "sure cure" for those afflicted with lagrippe, which seems to be analagous to the present epidemic of influenza: "Old-time, but good as gold and given to help humanity-If taken, take one yard of flannel, eut opening in center large enough to slip head through, heat linseed oil hot enough and thoroughly saturate, and slip over head and fasten under arms. Stay in bed. If bothered with cough, mix yolk of one egg, one tablespoonful honey or sugar. 1-2 teaspoonful camphor and 15, drops spirits-turpentine. Take 1-2 teaspoonful at dose as needed."

"I am not taking aspirine, [sic] now I take every night—5 grams quinine & an asafetida pill. Sadie is taking aspirine [sic] and quinine. I haven't been out any where since 'flu' started. I thought best to stay at home..."

Maria Whitehurst, New Bern, NC, October 15, 1918

Joyner Library Manuscript Collection #617

"I am taking castor oil and spraying our throats. I do [hope] we will escape it, for I don't know what on earth we would do if I should have it."

Mrs. Raby, Leggett, NC, October 14, 1918

Joyner Library Manuscript Collection #317

**Case Studies** 



Image Credit: "Main Street, looking South from Sunset Ave., Rocky Mount," Joyner Library Manuscript Collection #441.

### **Rocky Mount**

- Mrs. Raby, wife of a local doctor
- Wrote to her husband about Leggett and Rocky Mount
- In six days, the number of flu cases more than doubled (400 to 900)
- Churches became hospitals and stores closed

"The epidemic here is terrible... There are 900 cases in Rocky Mount. Every nurse in the Edgecombe Hospital has it but two. They are begging for volunteers to go there to help nurse. In Rocky Mount the churches are being turned into hospitals. Never before have I known such an awful epidemic in this country... The people who have died that I have heard of only lived from two to four days after being taken."

> Mrs. Raby, Leggett, NC, October 8, 1918 Joyner Library Manuscript Collection #317

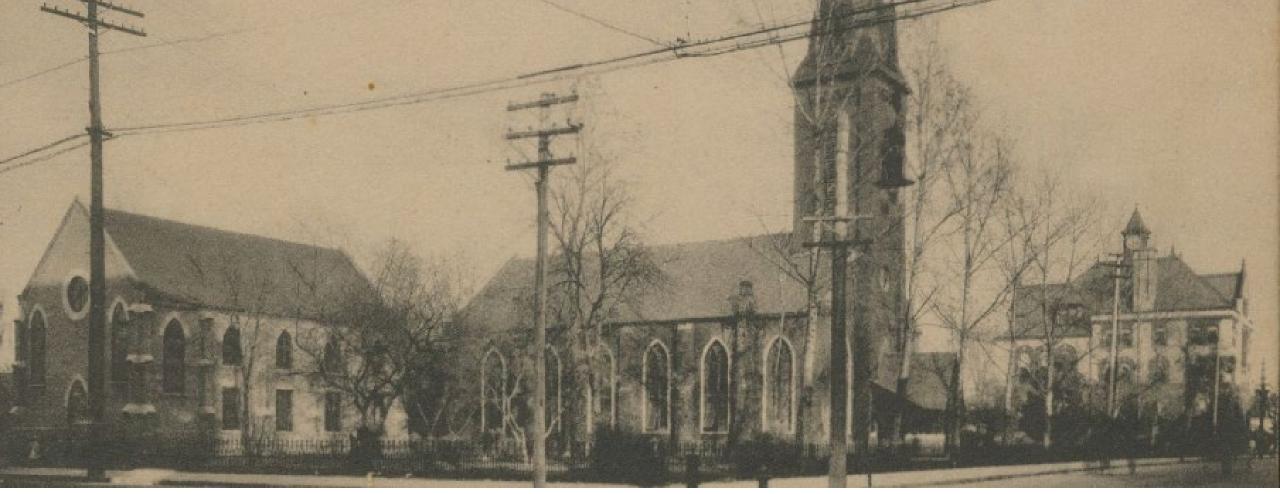


Image Credit: "Episcopal church and post office, New Bern," Joyner Library Manuscript Collection #126.

#### **New Bern**

- September 30: Churches, Schools, Theaters, and the Library Close
- October 9: Less than 100 cases documented
- October 14: Tobacco Warehouses and the Cotton Exchange Close. Circus not allowed to perform.
- 1918 was an election and year and the flu interfered with the campaign

"You can't hear anything but war and influenza. Every morning when I read the paper I have the 'blues' for a while. There are always some deaths of some one you know of, if you don't know them... The churches, schools, movies have all been closed for two weeks & tobacco ware houses were ordered closed this week. The circus was not allowed to show here after it came. So they went on to Washington N.C."

Maria Whitehurst, to her son, Harold Whitehurst, New Bern, NC, October 15, 1918 Joyner Library Manuscript Collection #617

"My boy, you don't seem to <u>know the danger</u> of this influenza. Please stay in bed, you will have pneumonia. I am worried to death about you... People are dying in every direction of the town. If I had known you were going on the trip you did, I should have advised you not to go... Especially at such a time as this. I should have thought you would have known better... Stay in, don't go among people."

Maria Whitehurst, to her son, Harold Whitehurst, New Bern, NC, October 21, 1918 Joyner Library Manuscript Collection #617

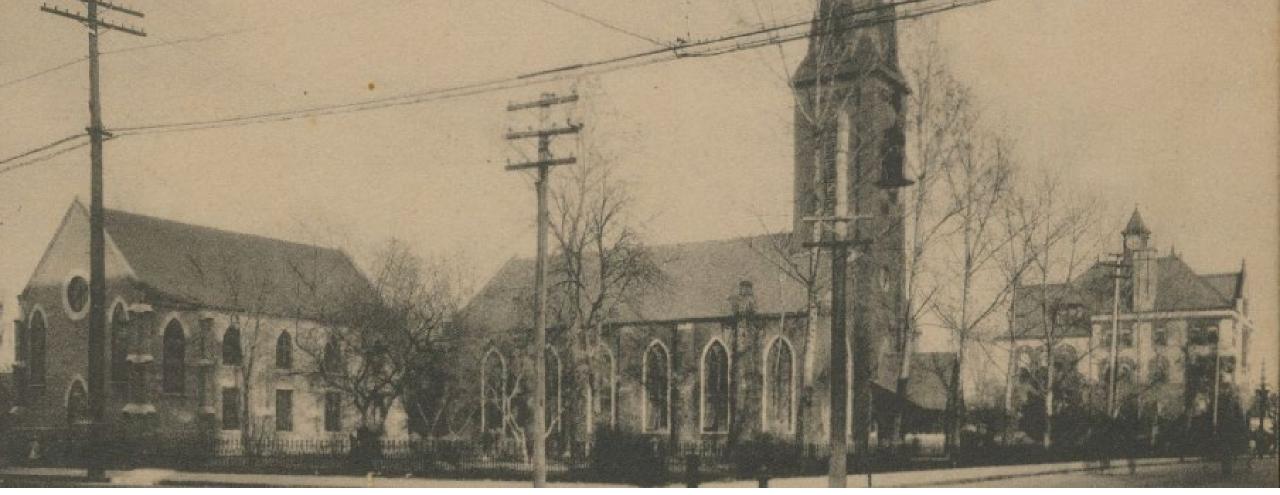


Image Credit: "Episcopal church and post office, New Bern," Joyner Library Manuscript Collection #126.

#### **New Bern**

- September 30: Churches, Schools, Theaters, and the Library Close
- October 9: Less than 100 cases documented
- October 14: Tobacco Warehouses and the Cotton Exchange Close. Circus not allowed to perform.
- 1918 was an election and year and the flu interfered with the campaign



Image Credit: "Queen Street, looking North from Caswell, Kinston," Joyner Library Manuscript Collection #126.

**Kinston** 

- October 1: Flu first appears as "Grippe"
- October 5: Papers claim nothing will close
- October 7: 300 cases of the flu in Kinston
- October 10: "Enforced Holiday"
- October 18: Dr. Mitchener asks for another week
  of Quarantine

"'Flu' has struck our town. Several cases have been reported. I advise people to let the other fellow go to the circus for them, and the picture shows and public meetings in general as well. Help the other fellow by covering your cough and sneeze. You may be a carrier or have it in the early stages."

Dr. J. S. Michener, Head of the Health Department in Kinson, October 1, 1918 Kinston Daily Free Press, Joyner Library Microfilm Collection

IP TO INDIVIDUALS TO KEEP OFF 'FLU.' Health Officer Says Carelessness Now Not Short of Criminal Numerous Cases in City But Disease Gains Very Slowly - Every Precaution the City Taken at Schools

"It is criminal to spit of sneeze promiscuously. It is criminal because principally by these means the disease is spread. Sometimes the Spanish influenza kills."

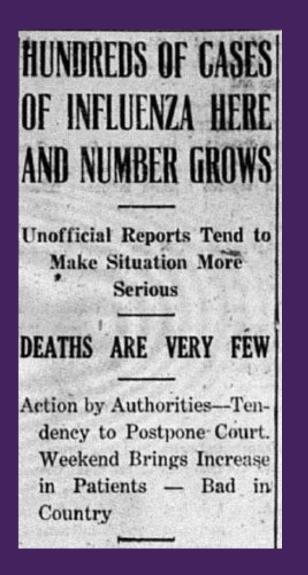
Kinston Daily Free Press, October 4, 1918, Joyner Library Microfilm Collection.



Image Credit: "Queen Street, looking North from Caswell, Kinston," Joyner Library Manuscript Collection #126.

**Kinston** 

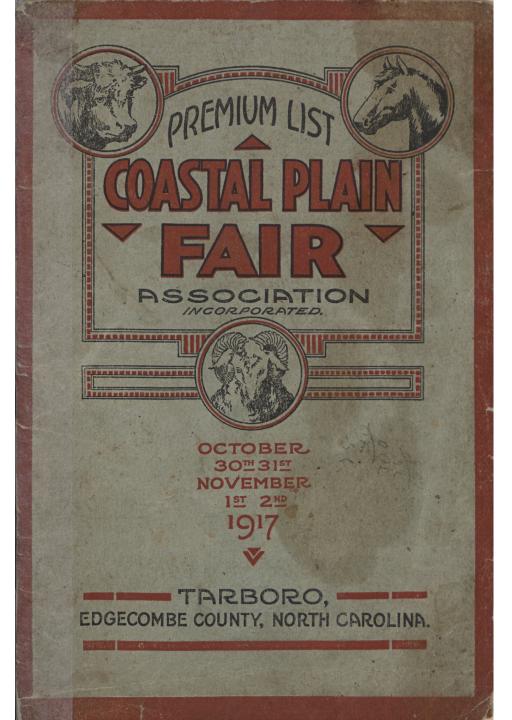
- October 1: Flu first appears as "Grippe"
- October 5: Papers claim nothing will close
- October 7: 300 cases of the flu in Kinston
- October 10: "Enforced Holiday"
- October 18: Dr. Mitchener asks for another week
  of Quarantine





MITCHENER TO AS BOARD HEALTH EXTEND QUARANTINE Wants at Least Another Week of Suspension Order, Says PROTECT THE WORKERS Public Doctor Would Keep Hundreds From Going to Tasks Too Soon-Situation is Still - Clearing

Kinston Daily Free Press, October 7, 10, and 18, 1918, Joyner Library Microfilm Collection.



## **Coastal Plain Fair**

- Planned to be held in Tarboro on October 29, 30, 31, and November 1, 1918
- Speculation about whether it would occur circulated in the local papers for a month.
- Canceled on October 25

"We are getting ready now for the Big Fair in Tarboro, but are not sure yet if they will have it on account of this epidemic all over the state. They have cut out most all of them in the state."

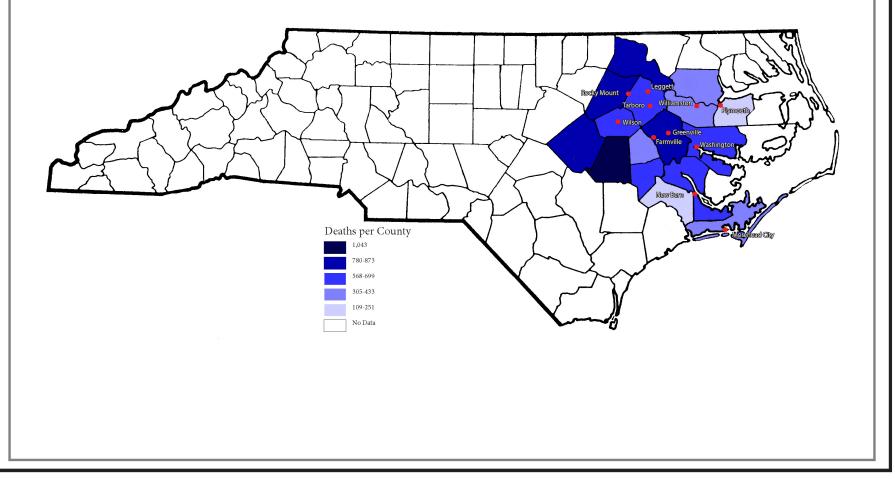
> M. Heilbroner, Tarboro, NC, October 15, 1918 Joyner Library Manuscript Collection #317

Aftermath

## **Death Toll**

- At least 20 million worldwide
- Over 13,000 North Carolinians
- Deaths per County Map

#### Spanish Flu in Eastern North Carolina : 1918



# **Rural Health**

- Needed more health care support in rural areas
- "...that rural health be provided for by an appropriation" from the state and the federal government.
- Dr. Watson S. Rankin testified before Congress
- Rural Health Act passes, NC receives \$50,000 for rural sanitation

#### RURAL SANITATION.

House of Representatives, Committee on Agriculture, Washington, D. C., February 17, 1919.

The committee met at 10.30 o'clock a. m., Hon. Asbury F. Lever (chairman) presiding.

Present: Members of the committee; also Dr. W. S. Rankin, of Raleigh, State health officer of North Carolina and president of the conference of State health officials; Dr. J. W. Schereschewsky, assistant surgeon general of the United States Public Health Service, and Assistant Surgeons General B. S. Warren and L. L. Lumsden, of the United States Public Health Service.

The CHAIRMAN. We have met this morning, gentlemen, to hear statements with reference to H. R. 14185, a bill to provide that the United States shall cooperate with the States in promoting the health of the rural population of the United States and for other purposes.

#### STATEMENT OF DR. W. S. RANKIN, RALEIGH, N. C., STATE HEALTH OFFICER OF NORTH CAROLINA AND PRESIDENT OF THE CONFERENCE OF STATE HEALTH OFFICIALS.

## **Recognizing The Value of Public Health**

- Transactions of the Medical Society of North Carolina
- Reports on how the epidemic affected their population
- Dr. C.V. Reynolds of Asheville
- Wilson County Health Department

"...the epidemic of influenza has been the most potent factor in popularizing the work of our department..."



"The Way North Carolinians Do It at Home," The Health Bulletin, October 1919. Laupus Library History Collections.

## **Preventing Another Epidemic**

- The Health Bulletin
- Newspapers
- Health Departments

## **Public Health System Improvements**

- Petitions
- Funding Increases
- 1920 NC State Board of Health Budget
- Public Health Nursing

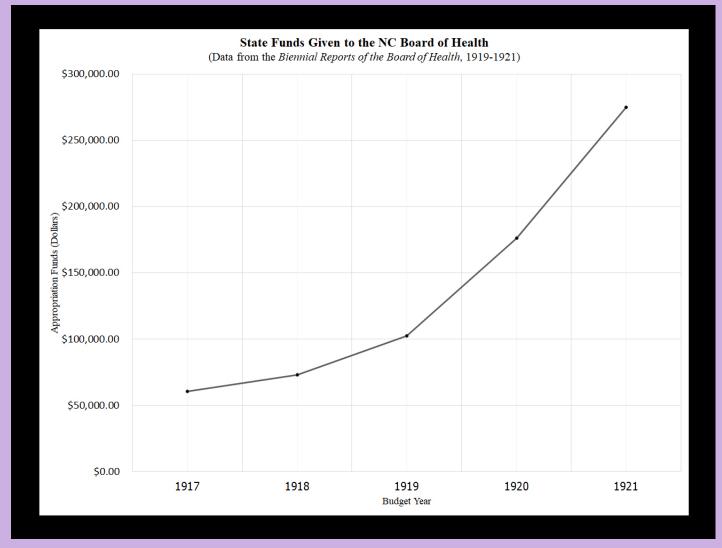


Image Credit: Graph created by the author. Data pulled from Biennial Report of the North Carolina State Board of Health. Raleigh, N.C.: The Board, 1919-1920. Biennial Report of the North Carolina State Board of Health. Raleigh, N.C.: The Board, 1921.

# Hospitals

- Dr. Charles O'Hagan Laughinghouse
- "Hospital For Pitt Imperative"



Image Credit: "Pitt Community Hospital," Laupus Library History Collections, (LL02.,09)



#### (By E. G. FLANAGAN)

I am simply calling to the attention of the voters of Pitt County, the mistake we made when we had the privilege of voting to establish a Community Hospital in Pitt County.

Our friend and soldier, Lieut. Col. him in the establishment of the Hos-Chas. O'H. Laughinghouse who is now fighting on foreign soil, to protect our homes and freedom, conceived the idea lining some plans to build a Hospital that a Community Hospital for Pitt in Greenville for the benefit of all of County should be established in Greenville, for the benefit of all the peo- ing. Charitable or Patriotic people on ple, both' white and colored. There was an element of voters who argued that, Dr. Laughinghouse's personal their duty to their Nation, their God, sacrifices of both time and money were being used to build a home for his own benefit and personal convenience. for a Community Hospital for Pitt Let me say that I talked to Dr. Laughinghouse many times during his cam-. . . .

them two or three, and Pitt the richest of them all has not a Hospital within her borders.

I know that it was a great disappointment to Dr. Laughinghouse when the majority of people whom he loved and strived to serve, failed to support pital.

Would that I were capable of outour people. There is no more God-fearearth than you will find in Pitt County :-- a citizenship that has always done and to-Humanity, with one exception, when they had an opportunity to vote County, they were weighed in the balances and found wanting.

Image Credit: Greenville Daily News, October 28, 1918.

- Pitt Community Hospital
- Throughout the 1920s, new hospitals were built across the state.

# Conclusion

- The Flu Today
- A Universal Vaccine?
- Flu Clinic at Laupus, October 30th, 9am – 1pm

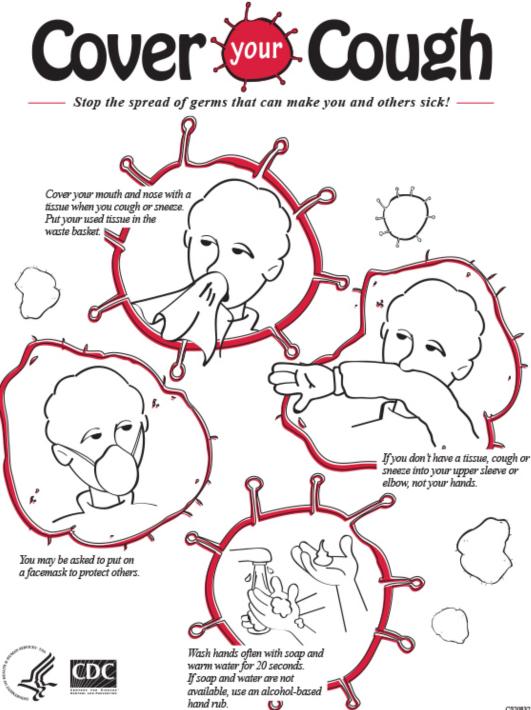


Image Credit: CDC website.

**History Collections Primary Sources** 

- E. Daniel Shingleton Public Health Collection (LL 02.40), The William E. Laupus Health Sciences Library, East Carolina University, Greenville, North Carolina, USA.
- The Health Bulletin. Raleigh: North Carolina State Board of Health, 1918.
- The Health Bulletin. Raleigh: North Carolina State Board of Health, 1919.
- Transactions: North Carolina Medical Society. Raleigh: North Carolina Medical Society, 1918.
- Transactions: North Carolina Medical Society. Raleigh: North Carolina Medical Society, 1919.

#### Joyner Library Primary Sources

- Biennial Report of the North Carolina State Board of Health. Raleigh, N.C.: The Board, 1919-1920.
- Biennial Report of the North Carolina State Board of Health. Raleigh, N.C.: The Board, 1921.

- Charles O'Hagan Laughinghouse Papers (#267), East Carolina Manuscript Collection, J. Y. Joyner Library, East Carolina University, Greenville, North Carolina, USA.
- The Greenville Daily News, October November, 1918.
- The Enterprise (Williamston, NC), October November, 1918.
- The Farmville Enterprise, October November, 1918.
- James G. Raby Papers (#317), East Carolina Manuscript Collection, J. Y. Joyner Library, East Carolina University, Greenville, North Carolina, USA.
- Kinston Daily Free Press, September October, 1918.
- Public Documents. Raleigh: Edwards & Broughton Printing Co., 1919.
- Reid Family Papers (#381), East Cvarolina Manuscript Collection, J. Y. Joyner Library, East Carolina University, Greenville, North Carolina, USA.
- The Roanoke Beacon (Plymouth, NC), October November 1918.
- Whitehurst Family Papers (#617), East Carolina Manuscript Collection, J. Y. Joyner Library, East Carolina University, Greenville, North Carolina, USA.

#### Secondary Sources

- Barry, John M. The Great Influenza: The Epic Story of the Deadliest Plague in History. New York: Penguin Publishing Group, 2004.
- Barry, John M. "How the Horrific 1918 Flu Spread Across America." Smithsonian Magazine, November 2017. https://www.smithsonianmag.com/history/jounal-plague- year-180965222/ (accessed July 23, 2018).
- Cockrell, David L. "'A Blessing in Disguise': The Influenza Pandemic of 1918 and North Carolina's Medical and Public Health Communities." The North Carolina Historical Review 73, no. 3 (July 1996): 309-327.
- Cohn, Scotti. "Killer on the Loose: The Influenza Pandemic (1918)." In Disasters and Historic Rescues of North Carolina. Guilford, Conn.: The Globe Pequot Press, 2005.
- Collier, Richard. The Plague of the Spanish Lady: The Influenza Pandemic of 1918-1919. Forge Village, Mass.: The Murray Printing Company, 1974.
- Colon, Anne L, M. K. B., and Beulah Gribble. "Experiences during the Epidemic." The American Journal of Nursing 19, no. 8 (May 1919): 605-611.

- Crosby, Alfred W. America's Forgotten Pandemic: The Influenza of 1918. Cambridge: Cambridge University Press, 1989.
- Gamble, Northington Vanessa. "'There Wasn't a Lot of Comforts in Those Days:' African Americans, Public Health, and the 1918 Influenza Epidemic." Public Health Reports 125, no. 3 (2010): 114-122.
- Iezzoni, Lynette. Influenza 1918: The Worst Epidemic in American History. New York: TV Books, LLC, 1999. (Laupus WC 515 I221)
- Keeling, Arlene W. "The Boston Instructive District Nurses Association and the 1918 Influenza Epidemic: 'Intelligent Cooperation.'" In Nurses on the Front Line When Disaster Strikes, 1878-2010. Arlene W. Keeling and Barbra Mann Wall, eds. New York: Springer Publishing Company, 2011.
- Marrin, Albert. Very, Very Dreadful: The Influenza Pandemic of 1918. New York: Alfred A. Knopf, 2018.
- Taubenberger, Jeffery K, Johan V. Hultin, and David M. Morens. "Discovery and characterization of the 1918 pandemic influenza virus in historical context." Antivir Ther, 2007. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2391305/ (accessed July 10, 2018).
- Tomes, Nancy. "'Destroyer and Teacher': Managing the Masses During the 1918-1919 Influenza Pandemic." Public Health Reports 125, no. 3 (2010): 48-62.