



SHINE THROUGH

SHAPING A BRILLIANT FUTURE

2023 ANNUAL MEETING AUG. 16-18, 2023 | CHICAGO



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Nursing Licensure and the 1918 Influenza Pandemic: Lessons Learned

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University of Pennsylvania
School of Nursing*

Robert A Heinlein

A generation which ignores history has no past and no future.....



Historical Case Study

- *In what ways did the 1918 influenza pandemic influence issues surrounding nurse licensure and registration in Pennsylvania?*
- *What lessons can we learn?*



Practice Acts-A History



William Osler at Work, Johns Hopkins Hospital, National Library of Medicine



Visiting Nurse Society, Barbara Bates Center for the Study of the History of Nursing





Barbara Bates Center for the Study of the History of Nursing



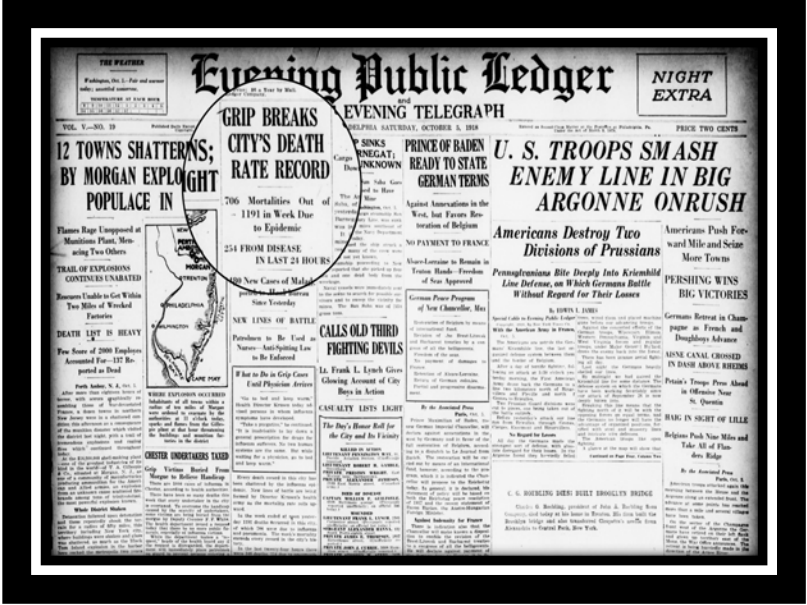
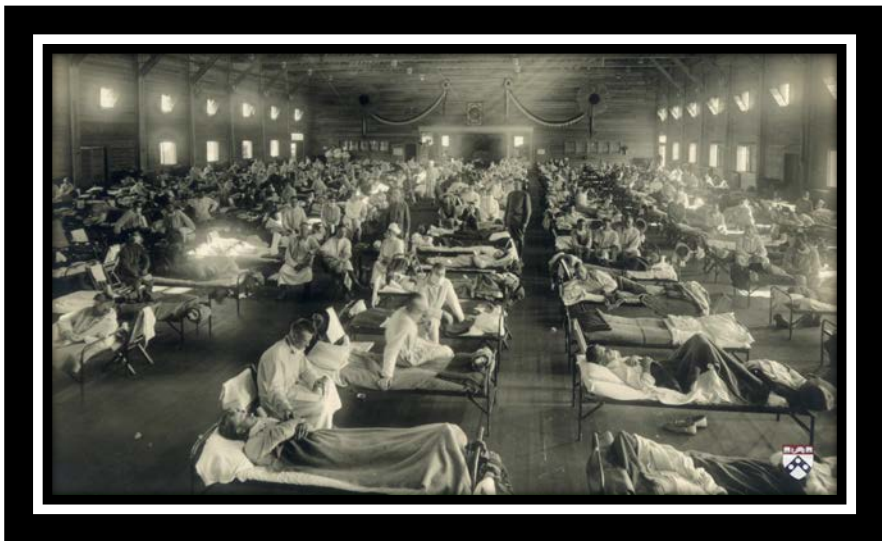
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Philadelphia Liberty Loan Parade, September 28, 1918



*US Naval History and
Heritage Command*





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EPIDEMIC INFLUENZA

**THE CO-OPERATIVE ASSOCIATION
of
THE PHILADELPHIA RAPID TRANSIT COMPANY**

Appeals to all citizens to assist in stopping the Spitting in streets and public places.
4,596 citizens died here last week—63 of our fellow workers died since October 1st.

**P. R. T. IS DOING ITS PART
DISINFECTING CARS ALMOST HOURLY—KEEPING VENTILATORS OPEN**
as directed by Dr. Krusen.

Dr. Pepper, U. of P., asked Street Sprinkling Contractors October 12th to put more water on the streets as a further preventive.
Sprinkling Contractors borrowed P. R. T. sprinklers and are working day and night, including Sundays, to keep the dust down. (1918)


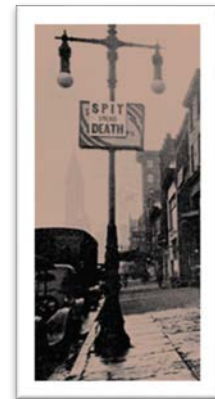
**STREET SPRINKLING HAS BEEN MORE THAN DOUBLED
POLICE ARE ARRESTING 50 SPITTERS DAILY
MAGISTRATES ARE FINING THESE SPITTERS**

What are you doing MR. CITIZEN to help stamp out this death dealing epidemic?

The Co-operative Association hereby promises that its membership of more than 6700 P. R. T. EMPLOYEES will do their utmost to stop this Spitting and will call the attention of Police Officers to every Spitter they see spreading death and desolation amongst our people.

WON'T YOU HELP, MR. CITIZEN?

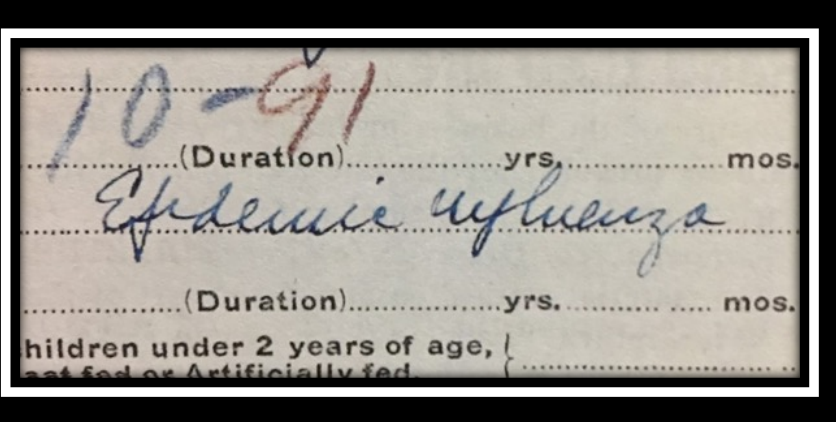
Attest: By Order of the General Committee,
C. B. Fairchild, Jr., Secretary. F. W. Johnson, Chairman. (1918)

History Medical Library, College of Physicians of Philadelphia



Philadelphia, October 1918



*Philadelphia Visiting Nurse Society
Barbara Bates Center for the Study of
The History of Nursing*



Digging Mass Graves in Philadelphia, Fall 1918



History Medical Library, College of Physicians of Philadelphia

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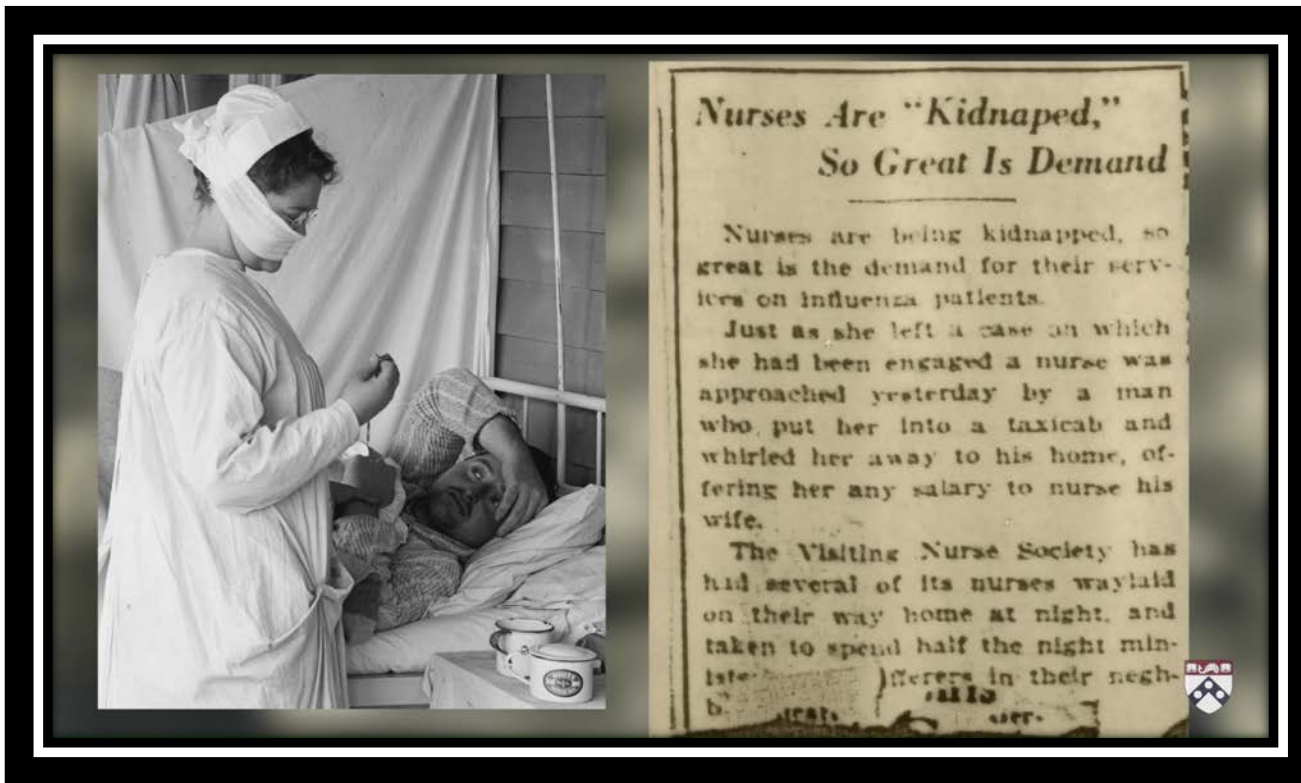
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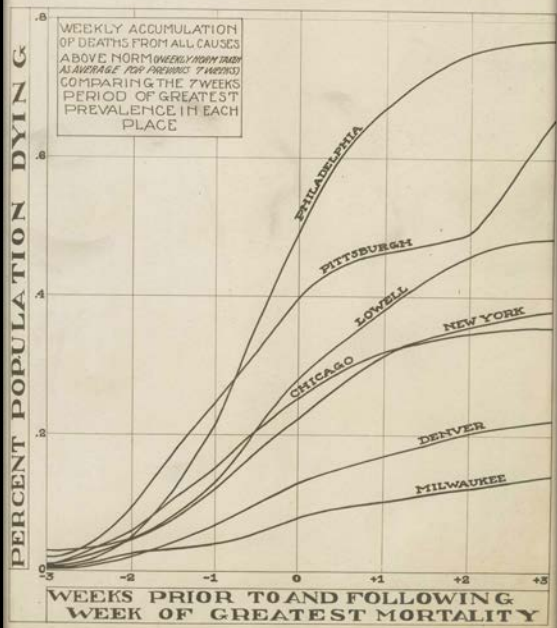
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EXCESS MORTALITY IN U.S. CITIES DURING INFLUENZA EPIDEMIC PERCENT OF POPULATION DYING

CITY	1918-1919			
	SEPT. 8 - NOV. 23 10 WEEKS	NOV. 24 - FEB. 1 10 WEEKS	FEB. 2 - MAY 29 8 WEEKS	TOTAL 8 WEEKS
PHILADELPHIA	69	011	021	72
FALL RIVER	59	051	041	58
PITTSBURGH	57	12	04	71
BALTIMORE	51	051	0	50
SYRACUSE	51	001	0	51
NASHVILLE	51	14	11	65
BOSTON	50	18	0	68
NEW HAVEN	49	15	0	61
NEW ORLEANS	49	21	0	71
ALBANY	48	031	021	53
BUFFALO	47	101	041	61
WASHINGTON	45	12	0	57
LOWELL	44	101	031	57
SAN FRANCISCO	43	21	14	74
CAMBRIDGE	37	17	0	50
NEWARK	37	031	041	48
PROVIDENCE	35	13	031	51
RICHMOND	35	18	021	55
DAYTON	33	021	031	37
OAKLAND	33	11	011	44
CHICAGO	32	091	041	46
NEW YORK	32	091	061	47
CLEVELAND	27	11	24	41
LOS ANGELES	27	06	011	35
MEMPHIS	25	001	091	34
ROCHESTER	25	12	031	40
KANSAS CITY	25	17	081	50
DENVER	24	11	071	42
CINCINNATI	23	11	0	44
OMAHA	23	10	0	43
LOUISVILLE	19	041	14	37
ST. PAUL	19	13	001	34
COLUMBUS	19	15	071	41
PORTLAND	18	031	0	40
TOLEDO	17	021	0	17
MINNEAPOLIS	17	11	071	34
SEATTLE	16	101	021	34
INDIANAPOLIS	15	091	001	31
BIRMINGHAM	15	13	0	28
MILWAUKEE	15	10	021	27
ST. LOUIS	14	10	041	34
SPOKANE	11	15	001	26
ATLANTA	071	13	19	39
GRAND RAPIDS	041	11	041	19

INFLUENZA DEATHS IN U.S. CITIES



Courtesy of the National Museum of Health and Medicine
Historical Archives via the Center for Disease Control.

National Museum of Health and Medicine



Lessons Learned

- NCSBN and COVID-19
 - Focus Broadly on Societal Issues
 - Generate and Use Data
 - Cultivate and Nurture a Political Voice



Studying Your Own State...

- Barbara Bates Center for the Study of the History of Nursing
<https://www.nursing.upenn.edu/history/>
- University of Michigan, 1918 Influenza Digital Archive
<http://chm.med.umich.edu/research/1918-influenza-digital-archive/>
- Local Newspapers
- AJN, Trained Nurse, PHN
- Local and State Historical Societies
- State Archives
- Medical Society Journals
- University Library Search Engines (ie Jstor, Hathitrust, History of Science, Technology and Medicine database,



Thank You!



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