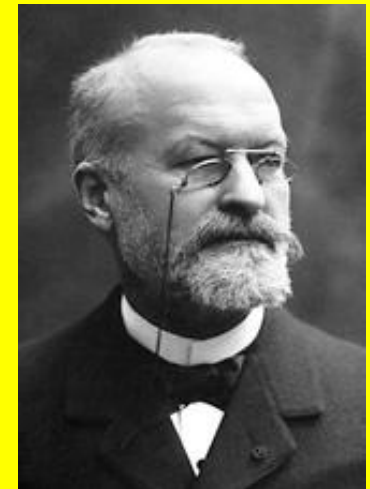


Carlos Finlay



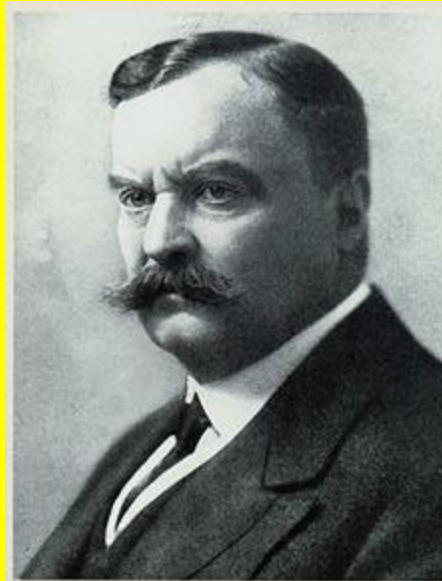
Patrick Manson



Alphonse Laveran



Theobald Smith



David Bruce



Ronald Ross

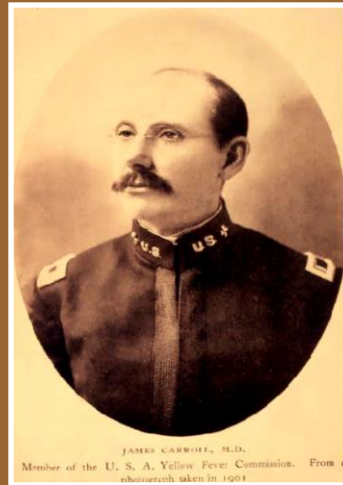
Compliments of the writers

[Reprinted from THE PHILADELPHIA MEDICAL JOURNAL, October 27, 1906.]

THE ETIOLOGY OF YELLOW FEVER.
A Preliminary Note.¹

By WALTER REED, M.D., Surgeon, U. S. A.,
AND

JAMES CARROLL, M.D., A. AGRAMONTE, M.D., JESSE
W. LAZEAR, M.D.,² Acting Assistant Surgeons, U. S. A.



JAMES CARROLL, M.D.
Member of the U. S. A. Yellow Fever Commission. From a photograph taken in 1901.



ARISTIDES AGRAMONTE, M.D.
Member of the U. S. A. Yellow Fever Commission. From a photograph taken in 1901.



JESSE W. LAZEAR, M.D.
Member of the U. S. A. Yellow Fever Commission, who laid down his life on the field of service.



“....swept away a hideous plague.....”

This is The Story of Clara Maass

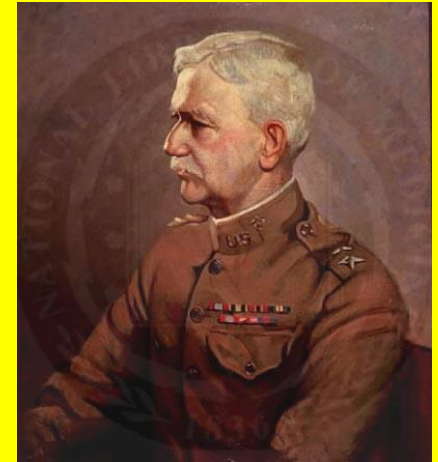


Stanton E. Cope, PhD
Captain, Medical Service Corps, United States Navy
Director, Armed Forces Pest Management Board
AMCA 2011

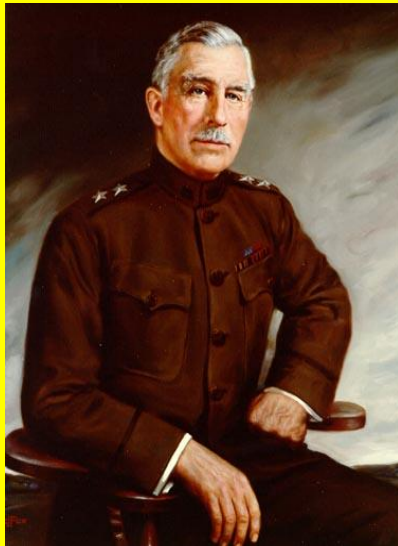
Aftermath.....and Then Tragedy



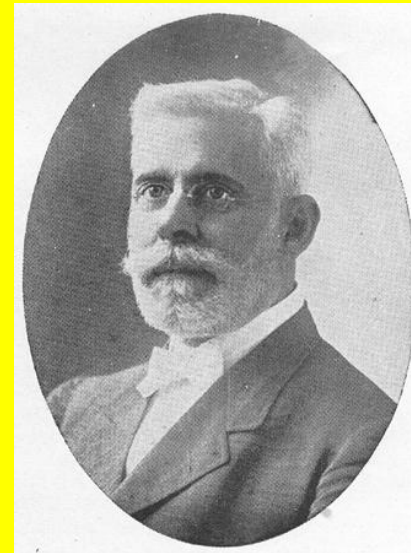
Reed



Gorgas



Wood



Guiteras





Baby Clara

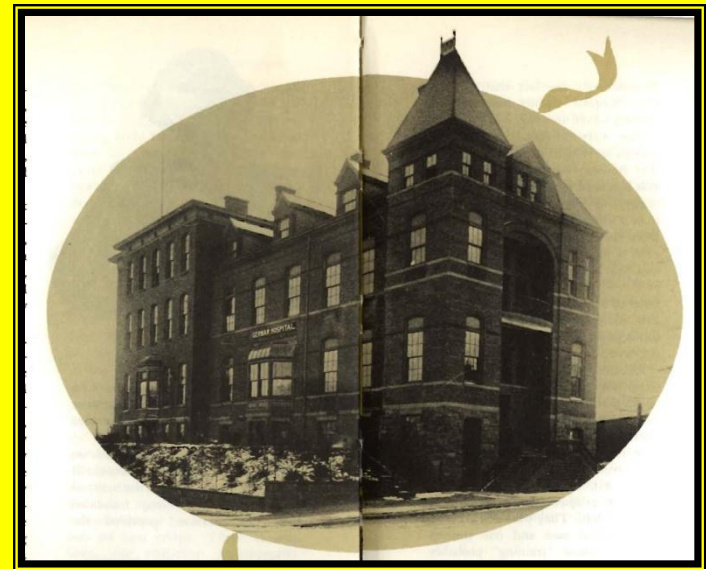


14 Years Old

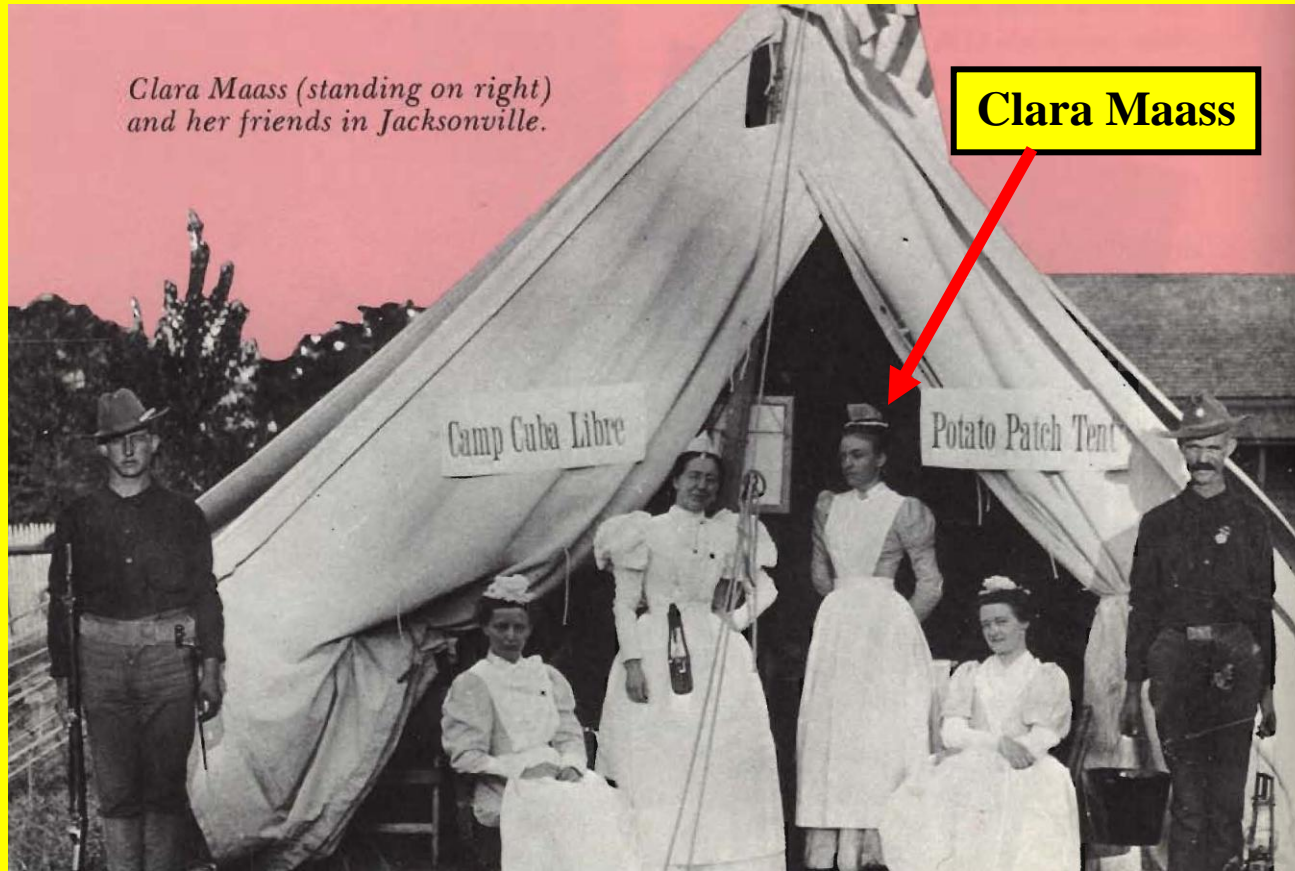


At Age 16

- **Born 28 June 1876 – East Orange, NJ**
- **Oldest of Nine Children**
- **Age 15 – Left School**
- **Newark German Hospital – Nursing**
- **1898 – Head Nurse at Age 21**



Newark German Hospital



- **Contract Nurse for Army**
- **Jacksonville, FL; Savannah, GA; Santiago, Cuba – Discharged Feb 1899**
- **November 1899 - Philippines**



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messages by the use of the Morse Code.

THOS. T. ECKERT, President and General Manager.

NO. BY 10 *C* TO BY 14 *Havana*
RECEIVED at
Dated *Oct 14* 1900
To *L. Mares 276 Bayard St
East Orange*

*Come at once
Gorges Chief
Sanitary Officer*



Clara, center, at Las Animas.

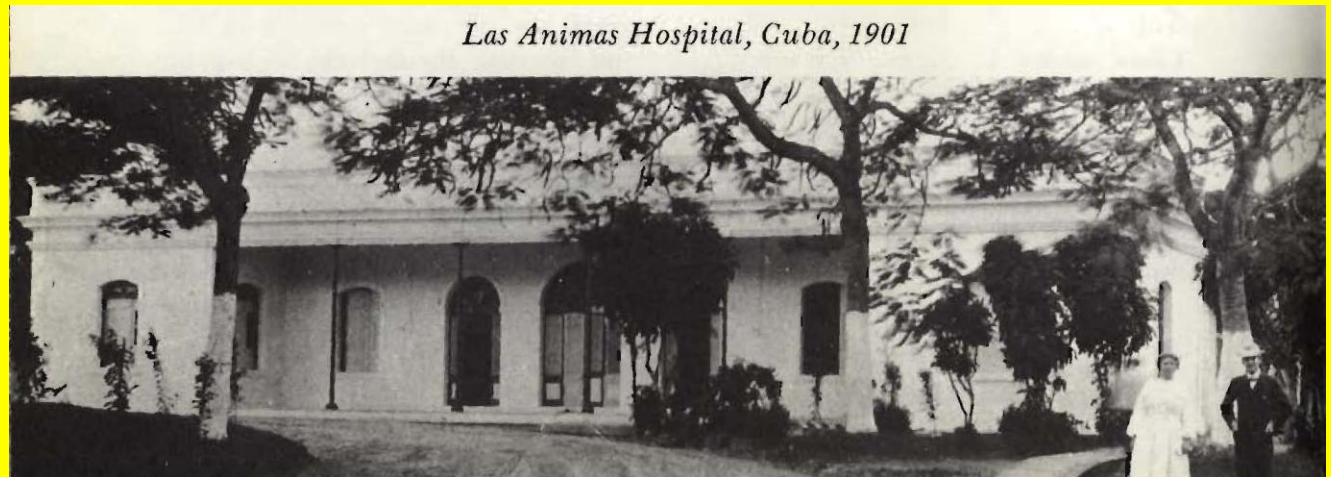


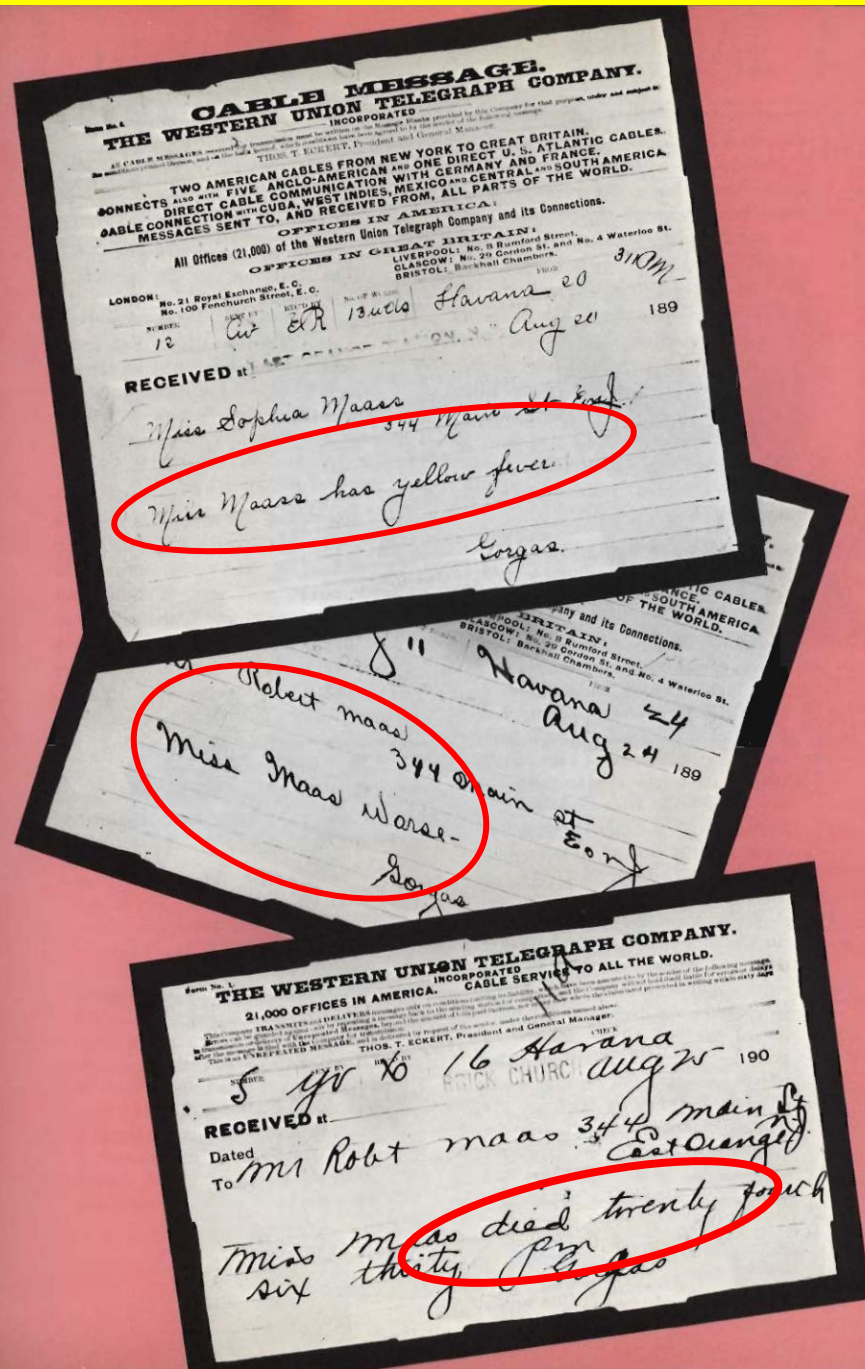
Clara Maass



- **Returned to Cuba – Las Animas Hospital**
- **19 participants**
- **Only Woman and Only American**
- **Numerous bites during May, June and July**
- **Negative Results**

Las Animas Hospital, Cuba, 1901





- Last Bite 14 August 1901
- Sequence of Infection in volunteers
 - 18 August – Illness
 - 24 August – Death



“God will care for me in the yellow fever hospital the same as if I were Home. I will send you nearly all I Earn, so be good to yourself and the Two little ones. You know I am the Man of the family, but do pray for me.”

WARDMEN TO GO! --JUSTICE JEROME.

Declares That No Reform in the Police Department is Possible While Captains' "Own Men" Are on Duty.



EIGHT CRUSHED IN TROLLEY SMASH.

Fifteenth Street Car Dashes Into Rear of Vanderbilt Avenue Car on Down Grade on Gravesend Avenue Hill.

MOTORMAN OF FIRST CAR IN VAIN PUT ON SPEED.

Eight persons, four of them women, and three children, were injured in a collision of Brooklyn Rapid Transit trolley cars on the way to Coney Island yesterday afternoon. It was another rear end collision and appears to have been caused by a careless or incompetent motorman.

BRAVE NURSE THIRD VICTIM OF THE YELLOW FEVER



Clara Maas, N. J., After Yellow Fever.



Trained Nurse, Who Was a Martyr to Science, and Her

BEREFT OF SPEECH MAN MUST LEARN LETTERS.

John J. Dillon, Victim of Motor Apathy, Must Join the Infant Reading Class in Bellevue Hospital.

John J. Dillon, a postman, sixty-two years old, of No. 26 Thirty street, in the Bellevue Hospital, suffering from motor aphasia, one of the recent forms of paralysis of the speech centers of the brain known to medical science. His case has attracted the professional interest of the members of the hospital medical staff and will be watched with the greatest attention not only by the physician, but also by the visiting staff of distinguished experts.

BLUECOAT NEARLY DROWNS IN SAVING TWO MEN.

Heroic Policeman Had to Hit One of the Struggling Victims to Keep from Being Carried Down in the River.

Two men were saved from drowning in the North River yesterday afternoon by a heroic policeman, who nearly lost his own life, when a floating corpse struck on the shore and forced the plucky blazer to his knees.



The New York Journal kept the story on Page One—but Clara's family treasured most this last portrait.

THE THIRD MOSQUITO VICTIM.

Miss Clara Maas Dies from Yellow Fever at Havana After Being Bitten by an Infected Insect.

HAVANA, Aug. 24.—The third death from yellow fever resulting from the bite of a mosquito occurred at 6:30 o'clock this evening. The victim was Miss Clara Maas of New Jersey, whose death occurred on the seventh day after she was taken ill.

Of the six persons bitten by mosquitos recently in the course of the Yellow Fever Commission's experiments, three have died. The doctors say the other three are suffering from light attacks of the disease. Miss Maas was a nurse at Las Animas, and wished to become immune.

Miss Maas was a daughter of Mrs. H. A. Maas of 344 Main Street, East Orange. She was twenty-five years old and had been a nurse for five years. At the time of the war with Spain she was attached to the camps at Jacksonville and Savannah, and afterward went to Cuba. Two years ago she was sent to Manila, but contracted fever in the Philippines, and was obliged to return home. As soon as she was well again she went to Cuba.

Miss Sophie Maas started for Havana last Thursday on learning of the critical condition of her sister.



Copyright © The New York Times
Originally published August 25, 1901

New York Journal
26 August 1901



**Fairmount Cemetery
Newark, NJ**

CLARA LOUISE MAASS
BORN JUNE 28, 1876,
DIED AUG. 24, 1901
ARMY NURSE WITH THE SEVENTH U.S.
ARMY CORPS IN JACKSONVILLE AND
CUBA OCT. 1, 1898 - FEB. 5, 1899, AND
WITH THE EIGHTH U.S. ARMY CORPS
IN MANILA 1899 - 1900. ENTERED
SERVICE IN THE HOSPITAL AT LAS
ANIMAS, CUBA, 1901. VOLUNTEERED
FOR INOCULATION BY YELLOW
FEVER INFECTED MOSQUITOES IN A
GOVERNMENT STUDY TO ESTABLISH
THE TRANSMISSION OF THIS DISEASE.
SHE CONTRACTED YELLOW FEVER,
DIED AS THE RESULT AND WAS
BURIED IN COLON CEMETERY, HAVANA
WITH MILITARY HONORS. HER BODY
WAS RETURNED AND BURIED HERE
ON FEB. 20, 1902.
"GREATER LOVE HATH NO MAN THAN THIS"



Stamp from Cuba - 1951



U.S. Stamp - 1976



First Day Issue



**"An American Heroine-
Clara Louise Maass"**

CLARA MAASS

a nurse • a hospital • a spirit



JOHN T. CUNNINGHAM