

FLU

THE STORY OF THE GREAT INFLUENZA
PANDEMIC OF 1918 AND THE SEARCH FOR
THE VIRUS THAT CAUSED IT

GINA KOLATA

FARRAR, STRAUS AND GIROUX
NEW YORK

Alfred Crosby's book
America's Forgotten Pandemic

557. Gina Kolata

Flu

Taped: 1/19/00

Aired: 2/27/00

Tape #: 102629

(39) Dr. Jeffrey Tansberg (187)
Feb 17, 1995 - Scrim and act.
John Dalton's eyes.
Walter Reed - Pathology
Army Aid - ^{workhouse} Feb - Teclinacin
Project begins 1995
experiment fails
Rose Vaughan v. Victor V.
Army Kraft - worked with
Dolphins

Sept 1918 - half a million American dead Wed Jun 19 2:30

no good treatment for common flea

Stats - worldwide 20 to 100 die

28% of U.S. got flea

flea killed 2.5% of victims

average life span dropped 12 yrs. in 1918

Spanish flea

Proctor / Chen Ft. Stevens letter from Roy p13/14

Marks - who were they

Thomas Wolfe's brother Ben p 25

Armed Forces Institute of Pathology created by (p 30)

Lincoln in
Civil War

paraffin cubes stored

3 or 4 millilitre tissue samples stored

3 people's specimens studied at end of 20th Century

All fleas traced Guangdong Province, China - Canton

Why did fleas kill people between 20 and 40?

Thucydides - Athens - plague

China - 1331 Black Death - rats/floor

1345-1351 1/3rd of European pop. dead

Katherine Anne Porter - Denver 1918 flu.

Victor Vaughan's Memoir 1926
didn't write about flu epidemic

Alfred Crosby - V. of Texas (interview) 1998

~~pan~~ epidemic not covered much by
encyclopedias/newspapers
history books

1918 - millions of people became ill in midwest

Richard F. Slope Iowa farm boy turned doctor

62 Navy prisoners - let doctors give them flu
and they would be pardoned

Boston experiment - no healthy prisoners got (38)
flu - 10 went into death ward inhaled
breath of dying patients.

San Fran experiment - no one got sick

British - and the ferret

John Gifford

Suzanne May

Mary Spence
Suzanne fleu 1976

Lucy China - 1997

Kirsty Duncan
Jeffrey Tambenagui

AIS - Boston
62 Canton

Johan V. Dultin - lives in S.F. from Sweden
first to Dow City

1941 - scientist found hemagglutinin

1944 - American - first to immunized against flu.

at Dow City - met William Hale of Brookhaven National Laboratory
made suggestions - find flu victims in permafrost

German paleontologist Otto Geist University of Alaska

Went for funding at National Institute of Health -

they stalled - stole the idea -

secret project - 300,000

\$10,000 from U. of A. - Dry Ice / Rain -

Worse

Army experiment arrives 10 days late - no permafrost
bodies weren't frozen - only went to this one city

Wales - no permafrost

Brevig - last chance -

72 of 80 people had died in 1918

Hong Kong -

Aug 1997

3 yr. old boy
died from influenza

Dr. Nancy Cox CDC

Birds move to pigs to human

Southern China - ill fields Ducks to pigs to human

H5N1 flu

Dec 29, 1997

1.2 million chickens
killed by

160 farmers

BOOKNOTES
2000-02-27

Farrar, Straus and Giroux
19 Union Square West, New York 10003

Copyright © 1999 by Gina Kolata
All rights reserved
Distributed in Canada by Douglas & McIntyre Ltd.
Printed in the United States of America
Designed by Jonathan D. Lippincott
Photograph on title page and chapter openers
courtesy of M-T. Hov and Peter Palese
First edition, 1999

Library of Congress Cataloging-in-Publication Data
Kolata, Gina Bari, 1948-

Flu : the story of the great influenza pandemic of 1918 and the
search for the virus that caused it / Gina Kolata. — 1st ed.

p. cm.

Includes index.

ISBN 0-374-15706-5 (alk. paper)

1. Influenza—History—20th century. I. Title

RC150.4.K64 1999

614.5'18'09041—dc21

99-39665