Inventory of the Crawford F. Sams papers

Finding aid prepared by Helena Ong
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Title: Crawford F. Sams papers  
Date (inclusive): 1915-1978  
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Contributing Institution: Hoover Institution Archives  
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Physical Description: 15 manuscript boxes, 1 oversize box, 11 envelopes, 1 oversize folder (8.3 linear feet)  
Abstract: The Crawford F. Sams papers contain correspondence, orders, speeches and writings, research data, printed matter, certificates, and photographs relating to American military medical activities in the Middle East during World War II, American military medical activities in the Korean War, Allied public health activities in occupied Japan, and scientific research on the effects of radiation.  
Physical Location: Hoover Institution Archives  
Creator: Sams, Crawford F.  
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Accruals  
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1902 April 1 Born, East St. Louis, Illinois  
1922 January Enlisted as private in 159th Infantry, California National Guard  
1924 December Army Medical Postgraduate School, Walter Reed  
1925 Enrolled in Field Artillery School at Fort Sill  
1927 M.S. Neurology, Washington University of St. Louis  
1929 M.D., Washington University of St. Louis  
1929 Assistant radiologist, Letterman General Hospital  
1932 Instructor, Medical Field Service, Carlisle, Pennsylvania  
1934 Director of department, Medical Field Service, Carlisle  
1937 Assistant department surgeon, Department of U.S. Army, Panama Canal  
1939 Medical instructor, Infantry School, Fort Benning, Columbus, Georgia  
1941 Chief surgeon, United States Army Forces in the Middle East (USAFIME), Cairo, Egypt  
1944 Chief of Research and Development, War Department General Staff, Washington D.C.  
1945 Chief of Public Health and Welfare Section of the General Headquarters, Supreme Command Allied Powers, U.S. Army, Japan  
1946-1951 Atomic Bomb Casualty Commission, Japan  
1950 Chief of Public Health and Welfare Section, General Headquarters, Supreme Commander Allied Power for Japan, Tokyo, Japan  
1951-1953 Member, Army Medical Board  
1954-1955 Member, Special Board for the Army Surgeon General  
1955 Retired from military
Research physician, University of California Berkeley Operations Research Center and University of California San Francisco Department of Neurology
1962  Research physician and professor, University of California Berkeley
1961-1963  Medical director, Institute of Medical Physics, University of California Berkeley
1994  Died
December 2

Scope and Contents
The Crawford F. Sams papers contain correspondence, orders, speeches and writings, research data, printed matter, certificates, and photographs relating to American military medical activities in the Middle East during World War II, American military medical activities in the Korean War, Allied public health activities in occupied Japan, and scientific research on the effects of radiation.

Original folder titles and arrangement were maintained. Unless otherwise noted, Sams is the author of writings within the collection. Materials in boxes 9 to 15 relate to Sams' radiation research.

Subjects and Indexing Terms
United States. Army--Officers.
United States. Army Medical Service.
Korean War, 1950-1953--Medical care.
Medicine, Military--United States.
Public health--Japan.
Radiation.
World War, 1939-1945--Medical care.
World War, 1939-1945--Middle East.

Scope and Contents note
A section of a U.S. Army Medical Service history of medical activities in World War II.

Speeches and papers, 1953-1955
"Are We Using All Our Weapons Against Tuberculosis?," Albert and Mary Lasker Foundation, 1944
Address given at the dedication program, 1960 January
Requests for reprints, "Experiences in Immunization Against TB with BCG Vaccines in Japan," 1951-1955
Personal file, 1943 August - 1952 October
Biographical sketch, 1952-1973
Korean episode, 1951-1959
Personal file, 1952 November - 1954 March
Personal file, 1954 April - 1955 July
Box/Folder 6 : 7  "Views and Recommendations Concerning Military and Civilian Planning in Time of Total War," 1954

Box/Folder 7 : 
1-11 

Box 8 

Public Health and Welfare in Japan, 1948-1952

Scope and Contents note
Series of printed reports issued by Public Health and Welfare Section, General Headquarters, Supreme Commander for the Allied Powers.

Box/Folder 9 : 1 

Box/Folder 9 : 2-3 

Box/Folder 9 : 4-6 
Research, records, and notes, 1966-1967

Box/Folder 9 : 7 
Final report, Part IV: Sleep, 1966

Box/Folder 10 : 1 

Box/Folder 10 : 2 
Family shelter, 1960 November

Box/Folder 10 : 3 

Box/Folder 10 : 4 
Sams, C. F.: Epilepsy Symposium, Western Societies of Neurological Sciences, 1966 March

Box/Folder 10 : 5 
Sams, et al.: 200 word and 1000 word abstract for American Neurological Association (Atlantic City, NJ), 1964 June

Box/Folder 10 : 6 
International Symposium at California Institute of Technology, 1965 June

Box/Folder 10 : 7 
Brain research: "Potassium, Sodium Ion Estimates in a Closed Vivo System Using Glass Electrodes," 1966

Box/Folder 10 : 8-9 

Box/Folder 11 : 1 
"Fallout Radiation," 1961 January

Box/Folder 11 : 2-6 

Box/Folder 11 : 7-8 
"The Relationship of Acute and Delayed Effects and a Suggested Method of Treatment," 1957 May

Box/Folder 11 : 9 
"Central Nervous System Response to Low Level X-Irradiation" and "Application of Mathematical and Computer Techniques to Complex Biological Systems," 1967 October

Box/Folder 12 : 1 
Radiation references, 1956-1966

Box/Folder 12 : 2 
EXP 98, 1967 March

Box/Folder 12 : 3 
Cation graphs, 1966-1967

Box/Folder 12 : 4 
Publications of Dr. Robert Aird, 1948-1962

Box/Folder 12 : 5 
Sams, C. F. bibliography, undated

Box/Folder 12 : 6 
Correspondence with Lockheed, 1964-1967

Box/Folder 12 : 7 
Radiation notes, Hawkins, undated

Box/Folder 12 : 8 

Box/Folder 12 : 9 
Proposal for epilepsy, 1965

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Computer at UCSF and UC Berkeley, 1966

Box/Folder 12 : 11 
Proposal for Atomic Energy Commission, 1966

Box/Folder 12 : 12 
Proposal for NASA behavior, undated

Box/Folder 12 : 13 
Proposal for National Institute of Neurological Disease and Blindness, 1965

Box/Folder 12 : 14 

Box/Folder 12 : 15 
Dr. J. B. Drori's proposal, undated

Box/Folder 13 : 1 

Box/Folder 13 : 2 
General correspondence, 1966

Box/Folder 13 : 3-4 
"Central Nervous System Response to Low Level Radiation," 1965 July
| Box/Folder 13 : 5 | "Central Nervous System Response to Low Level X-Irradiation" and "Application of Mathematical and Computer Techniques to Complex Biological Systems," 1967 October |
| Box/Folder 13 : 6 | "Fallout Radiation," 1961 January |
| Box/Folder 13 : 8 | Proposal for biomatics, 1966 |
| Box/Folder 13 : 9 | "Air Pollution on the Engineering Field Station," 1957 |
| Box/Folder 13 : 10 | Biomathematics progress report, 1962 |
| Box/Folder 13 : 11 | Biomathematics cation data, 1965-1966 |
| Box/Folder 13 : 12 | Electrode calibrations, 1966-1967 |
| Box/Folder 13 : 14 | "Some Effects of Radiation on Aging" and "Biomedical Effects of Radiation Covering the Period August 31, 1959 - January 31, 1960," undated |
| Box/Folder 13 : 15 | Speech on "Nuclear Fallout Shelters," 1960 |
| Box/Folder 14 : 1 | Proposal for biomathematical research group, 1962 |
| Box/Folder 14 : 2 | Data on Trupino, EXP 63, EXP 67, undated |
| Box/Folder 14 : 3 | Progress report, 1963 January - March |
| Box/Folder 14 : 4 | Progress report, 1962 July - September |
| Box/Folder 14 : 5 | Progress report, 1962 October - December |
| Box/Folder 14 : 6 | Final report, Part IX: Metabolism PO2- Glucose, SH-, 1963-1964 |
| Box/Folder 14 : 7 | Final report, Part VIII: Perfsusions, Na K Ca, 1961-1962 |
| Box/Folder 14 : 9 | Quarterly report, 1964 July - September |
| Box/Folder 14 : 10 | Progress report, 1964 January - March |
| Box/Folder 14 : 11 | Progress report, 1963 October - December |
| Box/Folder 14 : 12 | Progress report, 1963 July - September |
| Box/Folder 14 : 13 | Calibration notes, 1964 |
| Box/Folder 14 : 14 | Final report, Part I: General, 1963 |
| Box/Folder 14 : 15 | Electrode calibrations Na, 1966-1967 |
| Box/Folder 14 : 16 | Electrode calibrations K, 1966-1967 |
| Box/Folder 14 : 17 | Final report, Part V: Mechanisms electrodes, 1962-1964 |
| Box/Folder 14 : 18 | Rand Symposium, 1963 |
| Box/Folder 14 : 19 | UCLA Symposium: "Electrophysiological Changes of the Central Nervous System in response to Low Level Radiation," 1963 August |
| Box/Folder 15 : 1 | "To Determine the Relationship of Acute and Delayed Effects of External Radiation, and the Suggested Method of Treatment," 1957 August |
| Box/Folder 15 : 2 | Reports on radiation, 1946-1959 |
| Box/Folder 15 : 3 | "Contributions Toward a Mathematical Model of the Human System -- I: The Respiratory System," 1959 September |
| Box/Folder 15 : 4 | Medical center (proposal), National Institutes of Health, 1959 |
| Box/Folder 15 : 5 | Rand Corporation, 1957-1961 |
| Box/Folder 15 : 6-7 | National Institutes of Health - Operations Research Center, 1961-1967 |
| Box/Folder 15 : 8 | American Association for the Advancement of Science (Biometrics), 1959-1960 |
| Box/Folder 15 : 9 | Western branch of American Public Health Association Health Mobilization Committee, 1960-1961 |
| Box/Folder 15 : 10 | California hearings, 1955-1960 |
| Box/Folder 16 : 1-2 | Certificates, 1915-1971 |
| Box 16 | Charts of public health statistics in Japan, undated |
| Box 16 | Yasuyori Tamba, *Ishimpo*, collotyped copy of section of oldest surviving Japanese medical text (984 A.D.), undated |
| Envelope A | 175 prints of people and scenes in the Middle East, 1942-1943 |
| Envelope m*B | 9 prints of groups of U.S. Army officers, and 2 prints of Crawford Sams, civilians, and medical scenes in occupied Japan, 1922-1937 |
| Envelopes C-D | 116 prints of soldiers, civilians, and military and medical scenes in the Panama Canal Zone before World War II, and in the U.S. and occupied Japan after the war, undated |
| Envelopes E-K, mL | 619 prints of people, street scenes, and military and medical scenes in occupied Japan after World War II, undated |