

**Oregon Health & Science University
Historical Collections & Archives**

**Alice Stewart
Accession No. 2003-002
Guide**

Organizational/Biographical Information

Alice Stewart was born Alice Mary Naish in Sheffield, England in 1906. Stewart received a medical degree at Cambridge. Dr. Stewart was the first to demonstrate the link between X-rays of pregnant women and disease in their children. Dr. Stewart found that children of mothers who had an X-ray of their abdomen to determine the position of their babies were almost twice as likely to have cancer as other children. Dr. Stewart warned that low-dose radiation was more dangerous than physicians acknowledged, and as a result, physicians no longer x-ray pregnant women.

Dr. Stewart was an outstanding scientist with more than 400 peer-reviewed papers. Dr. Stewart took courageous stands on public issues and she argued that data on Hiroshima survivors, which were the main source for standards on the safe levels of radiation exposure, were deeply flawed and underestimated radiation's harmful effects.

In 1933, Alice married Ludovick Stewart. Their daughter, Anne, was born in 1934 and their son, Hughie, was born in 1937. Alice and Ludovick divorced in 1952 and Alice received custody of the children.

In 1941, Dr. Stewart joined Oxford and studied workers who filled shells with TNT at ammunition plants. Her conclusions that exposure to TNT impaired the body's ability to form blood led Britain to change its manufacturing techniques. Dr. Stewart left Oxford in 1974 and became a research fellow at the University of Birmingham in England.

Rudi Nussbaum, professor of physics at Portland State University in Oregon, invited Dr. Stewart for a sabbatical at Portland State University in 1984.

Dr. Alice Stewart had four grandchildren. Dr. Stewart turned ninety in 1996 and she celebrated the event at her home with 135 friends and family. Dr. Alice Stewart died on June 23, 2002 at the age of 95 in Oxford, England.

Scope, Content, and Arrangement

The collection consists of 18 audiocassette tapes and typed transcripts arranged in no apparent order. Rudi Nussbaum completed the transcripts of the audiocassette tapes.

Box 1 contains donation correspondence and typed transcripts of an interview with Alice Stewart. Box 2 contains typed transcripts. Box 3 contains 18 audiocassette tapes.

Box 1 of 3:

- Folder 1: Correspondence & transcripts of tapes 2/1 and 2/2, interview of Alice Stewart
- Folder 2: Transcripts of tape 1/2, interview with Alice Stewart & Karen Steingart
- Folder 3: Transcripts of tape 2, the health effects of nuclear radiation Cambridge forum
- Folder 4: Transcripts of tape 5/6, interview with Alice Stewart and Tom Graham, Aug.15, 1984
- Folder 5: Transcripts of tape 7/8, interview with Tom Graham and Alice Stewart
- Folder 6: Transcripts of tape 1, interview of Alice Stewart 4/5/90
- Folder 7: Transcripts of tape 3/4, interview of Alice Stewart
- Folder 8: Transcripts of tape 9/10, interview of Alice Stewart
- Folder 9: Transcripts of tapes 11/12 and 13/14, interview of Alice Stewart
- Folder 10: Transcripts of tape 17/18, interview of Alice Stewart
- Folder 11: Transcripts of PSR Press Conference, 3/22
- Folder 12: Transcripts of City Club of Portland, Dr. Alice Stewart 4/6/1990
- Folder 13: Transcripts of Gayle Green interview of Dr. Alice Stewart

Box 2 of 3:

- Folder 14: Transcripts of the A.D. Handy Co. Presentation #1
- Folder 15: Transcripts of the A.D. Handy Co. Presentation #2
- Folder 16: Transcripts of the A.D. Handy Co. Presentation #3
- Folder 17: Transcripts of the PSR Press Conference 3/22, 5/5/89, and tape 19/20
- Folder 18: Transcripts of tape 21/22, interview of Alice Stewart
- Folder 19: Transcripts of tape 23/24, interview of Alice Stewart
- Folder 20: Transcripts of tape 25/26, interview of Alice Stewart
- Folder 21: Transcripts of tape 27/28, interview of Alice Stewart
- Folder 22: Transcripts of tape 15/16, interview of Alice Stewart
- Folder 23: Transcripts of tapes 29/30 & 31/32, interview of Alice Stewart
- Folder 24: Transcripts of tapes 33/34 & 35/36, interview of Alice Stewart

Box 3 of 3:

18 audiocassette tapes

Quantity

Boxes: 3 Linear Feet: 1.29

Provenance

The materials were received from Alice Stewart and Rudi Nussbaum [ND]. Rudi Nussbaum is retired faculty at Portland State University. The collection was processed by OHSU Historical Collections & Archives staff in October 2003.

Related Materials

1. Alice Stewart Biographical File
2. Stewart, A. (1973). An Epidemiologist Takes a Look at Radiation Risks. Washington, DC: U.S. Government Printing Office.
3. Greene, G. (1999). The Woman Who Knew Too Much: Alice Stewart and the Secrets of Radiation. Ann Arbor: University of Michigan Press.