

C.S. (Chien-Shiung) Wu Papers 4369972

This finding aid was produced using ArchivesSpace on January 13, 2025.

Description is written in: English.

Describing Archives: A Content Standard

Rare Book and Manuscript Library

Butler Library, 6th Floor Columbia University, Mail Code 1127 535 W. 114th St. New York, NY 10027 Business Number: (212) 854-5153

Fax Number: (212) 854-5153 Fax Number: (212) 854-1365 rbml@libraries.cul.columbia.edu

URL: http://www.columbia.edu/cu/lweb/indiv/rbml/index.html

Table of Contents

Summary Information	3
Biographical Note	3
Summary	4
Arrangement	
Administrative Information	5
Related Materials	6
Controlled Access Headings	6
Collection Inventory	7
Series I: Correspondence	7
Subseries I.1: Chronological	7
Subseries I.2: Alphabetical	8
Subseries I.3: General	10
Series II: American Physical Society (APS)	11
Subseries II.1: Correspondence	12
Subseries II.2: Meetings	13
Subseries II.3: Administrative Matters	14
Subseries II.4: Publications and Reports	14
Subseries II.5: Awards and Events	15
Subseries II.6: Research and Studies	15
Series III: Conferences	16
Series IV: Columbia University	16
Subseries IV.1: Affirmative Action	17
Subseries IV.2: Physics Department	18
Subseries IV.3: Assorted Materials	18
Series V. Research	19
Series VI. Speeches and Lectures	22
Series VII. Publications	2.4

Summary Information

Repository: Rare Book and Manuscript Library

Creator: Wu, C. S. (Chien-shiung), 1912-1997

Title: C.S. (Chien-Shiung) Wu Papers

ID: 4369972

ID: UA#0017

Date [inclusive]: 1945-1994

Date [bulk]: 1960-1979

Physical 9.42 linear feet 9 record cartons 1 manuscript box

Description:

Language of the English , , , Chinese .

Material:

Preferred Citation

Identification of specific item; Date (if known); C.S. (Chien-Shiung) Wu Papers; Box and Folder; University Archives, Rare Book & Manuscript Library, Columbia University in the City of New York.

Biographical Note

Chien-Shiung Wu (Chinese: 吳健雄; pinyin: Wu Jianxiong; Wade-Giles: Wu Chien-hsiung) was born in 1912 in a small town near Shanghai, China to Wu Zhongyi, a 1911 revolution participant, and Fan Fu-Hua. Wu attended a private girls' school in China and eventually went to Soochow Girls School, where the curriculum was chiefly Western. She graduated in 1930 and went on to attend Nanjing University, where she studied physics and graduated in 1934. Wu immigrated to the United States in 1936 to seek post-doctoral programs in physics. She attended the University of California at Berkeley and received her Ph.D. in 1940. In 1942, she married Luke Yuan and they moved to the east coast. In 1947, they had a son, Vincent Yuan, who became a research scientist at Los Alamos National Laboratory.

[^] Return to Table of Contents

Biographical / Historical

Wu took a position teaching at Smith College, but left soon after for Princeton. The Division of War Research at Columbia University recruited Wu in 1944 for work at a secret facility in New York for the development of sensitive radiation detectors for the atomic bomb project. Her research included, among other topics, groundbreaking work on beta decay, the irregularity of K-meson decay in particle accelerators, and K-meson's violation of parity. She became a full professor in 1948, and in 1972 Columbia University named Wu the Michael I. Pupin Professor of Physics.

^ Return to Table of Contents

Biographical / Historical

Throughout her career Wu was awarded numerous prizes and honors for her work. She was the first female president of the American Physical Society as well as the first woman to receive the Comstock Award, the Research Corporation Award, and an honorary doctorate in science from Princeton University. She also received the National Medal of Science, the Wolf Prize in Physics and was elected to the National Academy of Sciences. Wu died on February 16, 1997 in New York.

^ Return to Table of Contents

Summary

The collection consists of speeches, reports, publications, research notes, and correspondence. The bulk of the collection relates to Wu's involvement in the American Physical Society as well as her research activities. The correspondence is chiefly professional, relating to C. S. Wu's physics research, professional commitments, appointments, meetings, conferences, and publications. Correspondence also includes letters from individuals around the world praising Wu for her accomplishments, asking advice, arranging speaking engagements, discussing administrative matters, and trading research notes, as well as information on publications and other topics. In addition, the collection contains information on Wu's involvement in the development of an affirmative action program at Columbia University in the 1970's.

Arrangement

This collection has been arranged into seven series.

^ Return to Table of Contents

Administrative Information

Publication Statement

Rare Book and Manuscript Library

Butler Library, 6th Floor Columbia University, Mail Code 1127 535 W. 114th St. New York, NY 10027 Business Number: (212) 854-5153

Fax Number: (212) 854-1365
rbml@libraries.cul.columbia.edu

URL: http://www.columbia.edu/cu/lweb/indiv/rbml/index.html

Revision Description

xml document instance created by Carolyn Smith EAD was imported spring 2019 as part of the ArchivesSpace Phase II migration. 2016-07-15 2019-05-20

Restrictions on Access

This collection is located off-site. You will need to request this material at least three business days in advance to use the collection in the Rare Book and Manuscript Library reading room.

Terms Governing Use and Reproduction

Reproductions may be made for research purposes. The RBML maintains ownership of the physical material only. Copyright remains with the creator and his/her heirs. The responsibility to secure copyright permission rests with the patron.

Related Materials

Related Material

<u>Central Files, 1890-2006</u>, University Archives, Rare Book & Manuscript Library, Columbia University.

Related Material

<u>Department of Physics Records, 1870-1983</u>, University Archives, Rare Book & Manuscript Library, Columbia University.

Related Material

<u>Historical Photograph Collection, circa 1858-2007 (David G. Hitlin, Wolfgang Pauli, C.S. Wu)</u>, University Archives, Rare Book & Manuscript Library, Columbia University.

Related Material

<u>Historical Biographical Files, 1750s-2000s (C.S. Wu),</u> University Archives, Rare Book & Manuscript Library, Columbia University.

Related Material

<u>Historical Subject Files Collection, 1750s-2000s,</u> University Archives, Rare Book & Manuscript Library, Columbia University.

Related Material

Office of the Provost Records, 1939-2006, University Archives, Rare Book & Manuscript Library, Columbia University.

Controlled Access Headings

- Chinese American women
- Affirmative action programs

[^] Return to Table of Contents

- Women physicists -- United States
- Correspondence
- Laboratory notebooks
- Drafts (documents)
- Progress Reports
- Speeches (documents)
- Photographic prints
- · Columbia University. Department of Physics
- American Physical Society
- Columbia University -- Faculty

Collection Inventory

Series I: Correspondence, 1958-1992

Scope and Contents

This series contains correspondence between C. S. Wu and her colleagues and friends. It includes English language and Chinese language correspondence from all over the world. The letters relate to Wu's research and professional obligations, such as her positions at Columbia University and the American Physical Society. Correspondence with the American Physical Society and Columbia University also appear in Series II and Series IV, respectively. The correspondence was originally separated into a chronological series and an alphabetical series. Those series have been maintained as sub-series and a third sub-series of general correspondence has been added.

Subseries I.1: Chronological, 1964-1992

Scope and Contents

Correspondence in this series is arranged by year and month.

Title/Description	Instances		
Undated	box 1	folder 1	
1964-1973	box 1	folder 2	
1974 January-May, 1974	box 1	folder 3	
1974 June-August, 1974	box 1	folder 4	
1974 September-December, 1974	box 1	folder 5	
1975 January-May, 1975	box 1	folder 6	
1975 June-July, 1975	box 1	folder 7	
1975 August-December, 1975	box 1	folder 8	
1976 January-February, 1976	box 1	folder 9	
1976 March-May, 1976	box 1	folder 10	

1976 June-September, 1976

	box 1	folder 11
1976 October-December, 1976	box 1	folder 12
1977 January-February, 1977	box 1	folder 13
1977 March-May, 1977	box 1	folder 14
1977 June-July, 1977	box 1	folder 15
1977 August-September, 1977	box 1	folder 16
1977 October-December, 1977	box 1	folder 17
1978 January-February, 1978	box 1	folder 18
1978 March-April, 1978	box 1	folder 19
1978 May-June, 1978	box 1	folder 20
1978 July-September, 1978	box 1	folder 21
1978 October, 1978	box 2	folder 1
1978 November-December, 1978	box 2	folder 2
1979 January-February, 1979	box 2	folder 3
1979 March-April, 1979	box 2	folder 4
1979 May-July, 1979	box 2	folder 5
1979 August-September, 1979	box 2	folder 6
1979 October-November, 1979	box 2	folder 7
1979 December, 1979	box 2	folder 8
1980 January, 1980	box 2	folder 9
1980 February, 1980	box 2	folder 10
1980 March-April, 1980	box 2	folder 11
1980 May-June, 1980	box 2	folder 12
1980 September-October, 1980	box 2	folder 13
1980 November-December, 1980	box 2	folder 14
1982 February-July, 1982	box 2	folder 15
1983-1989	box 2	folder 16
1990-1992	box 2	folder 17

Subseries I.2: Alphabetical, 1958-1992

Scope and Contents

Alphabetical correspondence is not only organized by last name, but also by topic, such as "Commencement," "Chicago, University of," and "Proof Reading." In the alphabetical subseries, there is considerable correspondence with Kay Runge of the University of Heidelberg. The folders

of "Alphabetical-Moszkowski, Steven A." and "Miscellaneous-John Wiley and Sons" contain correspondence regarding, *Beta Decay*, a book co-authored by Wu and Moszkowski and published by John Wiley Sons Publishers in 1965. Folder "Miscellaneous-Fan Mail" contains some requests for autographs and photos of Wu, but similar letters can be found throughout the chronological correspondence files as well. The folder of correspondence of Glenn R. Schleede contains a photograph from the White House of President Ford signing the bill to create the Office of Science and Technology Policy in 1976. Folder "Miscellaneous-Job Inquiries Declined" contains letters to and from Wu and other faculty in the Physics Department of Columbia University regarding teaching positions and are arranged alphabetically by surname of the person applying. Similar correspondence can be found throughout the chronological correspondence. The folder "Miscellaneous-Free Circulation of Scientists" focuses on the resolution of that name passed by the International Council of Scientific Unions regarding issues like the Soviet scientists who were being prevented from leaving the country. In a letter dated April 9, 1975, Wu declined an invitation from President McGill to serve on the Ad Hoc Committee of Columbia to study comparative salaries of men and women.

Title/Description	Instances	
A1964-1982	box 2	folder 18
B1959-1971	box 2	folder 19
C, 1959 1965-1983, 1959, 1965-1983	box 2	folder 20
Chow, Ying-Wei, 1965-1966	box 2	folder 21
D-E, 1961-1975	box 2	folder 22
F1958-1978	box 2	folder 23
G1962-1979	box 2	folder 24
H1958-1969	box 2	folder 25
J1966-1977	box 2	folder 26
K1960-1978	box 2	folder 27
L1963-1971	box 3	folder 1
Lee, Wo-Yen, 1965	box 3	folder 2
Lee, Y.K., 1983	box 3	folder 3
M1958-1970	box 3	folder 4
Mao, Yi-Sheng T. E., 1979-1982	box 3	folder 5
Mo, Luke W., 1970	box 3	folder 6
Moszkowski, Steven A., 1964-1968	box 3	folder 7
N1965-1978	box 3	folder 8
National Academy of Sciences		
Committee on Human Rights, 1978-1985	box 3	folder 9
Foreign Associates, 1983	box 3	folder 10
National Museum of American HistoryFall of Parity Exhibit, 1981-1982	box 3	folder 11

National Research CouncilNuclear Physics Survey Panel, 1969-1970	box 3	folder 12
01962-1969	box 3	folder 13
P, 1956-1971, undated, 1956-1971, undated	box 3	folder 14
Phillips, Melba, 1963-1980	box 3	folder 15
R1958-1976	box 3	folder 16
S1958-1981	box 3	folder 17
Schleede, Glenn R., 1976	box 3	folder 18
T, 1959, 1964-1979, 1959, 1964-1979	box 3	folder 19
U1964-1978	box 3	folder 20
V1968	box 3	folder 21
W1959-1971	box 3	folder 22
Y-Z, 1959, 1964-1977, 1959, 1964-1977	box 3	folder 23

Subseries I.3: General, 1958-1992

Scope and Contents

This subseries of additional correspondence was added to the existing Chronological and Alphabetical files. It is arranged alphabetically by description.

Title/Description	Instances	
Awards and Citations, 1958-1978	box 3	folder 24
Book Donations for China, 1979	box 3	folder 25
Columbia UniversityChina Scholarly Exchange Project, 1978-1979, 1992	box 3	folder 26
Committee of Concerned Scientists on Benjamin Levich, 1975	box 3	folder 27
Committee on Scholarly Communication with the People's Republic of China, 1976	box 3	folder 28
Committee on Scholarly Communication with the People's Republic of ChinaMary Brown Bullock Report, 1978	box 3	folder 29
Davis, Harold <i>Physics Today</i> Editor, 1975	box 3	folder 30
Delegations from China, 1978	box 3	folder 31
Delegations from ChinaNuclear and Plasma Physics Delegation, 1978	box 3	folder 32
Department of Health, Education and Welfare, 1978-1980	box 3	folder 33
Empty Envelopes, 1967-1969, undated, 1967-1969, undated	box 3	folder 34

Fan Mail, 1978	box 3	folder 35	
Free Circulation of Scientists (Resolution of the International Council of Scientific Unions), 1973-1974	box 3	folder 36	
Holiday Cards, undated	box 3	folder 37	
Invitations, 1974-1976, undated, 1974-1976, undated	box 3	folder 38	
Job Inquiries Declined (alphabetical by surname), 1973-1976	box 3	folder 39	
John Wiley & Sons Publishers Re: Beta Decay, 1963-1971, undated, 1963-1971, undated	box 3	folder 40	
Leonard Kasday and A.M. Rushton, 1970-1971	box 3	folder 41	
Letter from Gerald Ford, 1976	box 3	folder 42	
Letters of Congratulations and Thanks, 1957-1974, undated, 1957-1974, undated	box 3	folder 43	
National Medal of Science, 1975-1983	box 3	folder 44	
Pupin Laboratory's 50th AnniversaryDinner in Honor of I.I. Rabi, 1978	box 3	folder 45	
Requests to Work in C.S. Wu's Lab, 1961-1963	box 3	folder 46	
Research Corporation, 1964-1967	box 3	folder 47	
Symposium Honoring Bob Serber, 1977	box 3	folder 48	
Telephone Messages and Postcards, 1982-1983	box 4	folder 1	
Testimony and Documents Relating to National Science Foundation, 1975-1977	box 4	folder 2	
Chinese/Japanese Language materials, 1968, undated	box 4	folder 3	
Scope and Contents			
Incoming letters (dated with no year), lecture poster at Osaka University, Chinese news articles about Wu, lecture transcript, etc.			
Wolf Foundation, 1978-1983, undated, 1978-1983, undated	box 4	folder 4	

[^] Return to Table of Contents

Series II: American Physical Society (APS), 1962-1982

Scope and Contents

This series holds material relating to Wu's participation in the American Physical Society (APS), of which she was president during the mid-1970s. The series is divided into six sub-series: Sub-series

II.1. Correspondence; Subseries II.2. Meetings; Subseries II.3. Administrative Matters; Subseries II.4. Publications and Reports; Subseries II.5. Awards and Events; and Subseries II.6. Research and Studies.

Subseries II.1: Correspondence, 1962-1978

Scope and Contents

This subseries contains correspondence on issues of importance to the APS, including persecution of Soviet scientists, committee appointments and decisions, science and physics issues in the federal government, and publications. The correspondence is arranged by subject as well as by individual names, committees and organizations. The folder of correspondence with Karl Darrow includes letters responding to a dispute surrounding an article published in *Physical Review* in the 1960's, about which Harvard faculty suggested a publishing bias in favor of Columbia University. Some strong language is used in these letters. The two folders of voter correspondence from 1966 reflect Wu's position on the Board of Tellers of the APS when a vote on a new constitution and bylaws sparked controversy. The correspondence in these folders relates to that controversy.

itle/Description	Instances	
American Institute of Physics (AIP), 1971-1977	box 4	folder 5
Associate Members, 1973	box 4	folder 6
Committee Appointments and Nominations, 1974-1977	box 4	folder 7
Committee on Minorities, 1970-1975	box 4	folder 8
Committee of Scientific Society Presidents (CSSP), 1974-1977	box 4	folder 9
Complaints and Suggestions from APS Membership, 1974-1975	box 4	folder 10
Education Committee, 1974-1975	box 4	folder 11
Energy Reactor Safety Studies, 1975	box 4	folder 12
General, 1970-1974	box 4	folder 13
General, 1975 January-August, 1975	box 4	folder 14
General, 1975-1976 September, 1975-1976	box 4	folder 15
H. Guyford Steever, 1975	box 4	folder 16
Institution of Electrical Engineers (IEE), 1974	box 4	folder 17
Institute of Electrical and Electronics Engineers (IEEE), 1974-1975	box 4	folder 18
J.A. Burton, 1974	box 4	folder 19
Karl Darrow, 1962-1973	box 4	folder 20
K.C. Nomura Re: Use of "JAP,", 1975	box 4	folder 21
Kistiakowsky, Vera, 1975	box 4	folder 22
Letter to President Gerald Ford, 1975	box 4	folder 23

Letters to P.Y. Chou, Y.S. Woo and W.Y. Chang, 1975, undated, 1975	box 4	folder 24
National Science Foundation Grants, 1974	box 4	folder 25
Prior Publication Release Restriction, 1975	box 4	folder 26
Re:Nelson Rockefeller, 1975	box 4	folder 27
S.A. Goudsmit and G. Uhlenbeck Dinner, 1975-1976	box 4	folder 28
Soviet Scientists, 1975-1976	box 4	folder 29
Soviet Scientists and Censorship at APS, 1973-1976	box 4	folder 30
Technology Resources Survey and Applications Act, 1974	box 4	folder 31
Title IX of the Civil Rights Act Regulation, 1974	box 4	folder 32
UNESCO and Israel, 1975	box 4	folder 33
Voter Correspondence, 1966	box 4	folder 34
Voter Correspondence, Balloting, 1966	box 4	folder 35
W.K.H. Panofsky, 1974-1975	box 4	folder 36
Women in Science and Technology Equal Opportunity Act (S. 2550), 1978	box 4	folder 37
W.W. Havens Correspondence, 1974-1975	box 4	folder 38
W.W. Havens, Letters to Nominees (alphabetical by surname), 1975	box 4	folder 39

Subseries II.2: Meetings, 1966-1982

Scope and Contents

This subseries consists of material on the various meetings held by the APS including executive and budget meetings, council meetings, general and annual meetings, and background material for meetings.

Title/Description	Instances	
American Philosophical Society Conference, 1982	box 4	folder 40
Background Material for June 1974 Executive and Budget Committees, 1974, June 1974, 1974	box 4	folder 41
Background Material for 1975 January Meeting, 1974-1975, 1975 January, 1974-1975	box 4	folder 42
Background Materials for 1976 February Meeting, 1976, 1976 February, 1976	box 5	folder 1
Council Meetings, 1974 January-April, 1974	box 5	folder 2
Council Meetings, 1974-1976 October, 1974-1976	box 5	folder 3
Executive/Budget Committee, 1974-1977	box 5	folder 4

General Meetings, 1966-1979	box 5	folder 5	
Meeting Schedules, 1973-1975	box 5	folder 6	
Panel on "Women in Physics,", 1970-1971	box 5	folder 7	

Subseries II.3: Administrative Matters, 1968-1976

Scope and Contents

This subseries contains material regarding administrative matters including governing documents, lists of committee members, fellowship program guidelines, and membership information. Also included are documents on the Committee on Professional Concerns and the Panel on Public Affairs.

Title/Description	Instances	
APS Industrial Postdoctoral Fellowship Program, 1977	box 5	folder 8
Committee on Professional Concerns, 1973 1976, 1973, 1976	box 5	folder 9
Constitution and By-Laws, 1975-1976	box 5	folder 10
Lists of Committee Members, 1968, 1973-1974, 1968	box 5	folder 11
Membership, 1974	box 5	folder 12
Panel on Public Affairs, 1975	box 5	folder 13
Resolution to Admit Sigma Pi Sigma in the APS Insurance Trust, 1974	box 5	folder 14
Travel Vouchers, 1975	box 5	folder 15

Subseries II.4: Publications and Reports, 1964-1972

Scope and Contents

This subseries consists of publications and reports of the APS. Included are financial and treasurer reports, presidential reports, and Wu's address upon retiring as president of the APS.

Title/Description	Instances	
Ad Hoc Committee on a Washington Representative Report, 1974	box 5	folder 16
American Institute of Physics (AIP), 1973-1974	box 5	folder 17
Assorted Financial Reports, 1974-1975	box 5	folder 18
Auditor's Reports, 1973-1975	box 5	folder 19
Benjamin S. Cooper Report on Experience as APS Fellow, 1974	box 5	folder 20
Clippings Re: APS, 1974-1975	box 5	folder 21
Committee on Women in Physics Annual Report, 1974-1978, 1982, 1974-1978, 1982	box 5	folder 22

Committee on Women in Physics Report: "Women in Physics"(to Appendix G), 1972	box 5	folder 23	
Committee on Women in Physics Report: "Women in Physics"(H-Z), 1972	box 5	folder 24	
General Considerations on a Center for Physics, 1976	box 5	folder 25	
High Resolution Studies of Muonic X-rays, 1965	box 5	folder 26	
Interim Report of the Selection Committee of APS Congressional Fellows, ca. 1974	box 5	folder 27	
Muons and Nuclear Structure by Samuel Devons, 1964	box 5	folder 28	
Preliminary Report on APS Committees, 1974	box 5	folder 29	
President's Report, 1975	box 5	folder 30	
Press Releases on Reactor Safety Study, 1975	box 5	folder 31	
Report of Ad Hoc FORUM Committee on Placement, 1974-1975	box 5	folder 32	
Study of Women High School Physics Teachers, 1975	box 5	folder 33	
Treasurer's Reports, 1974-1976	box 5	folder 34	
Wu's Retiring Presidential Address, 1976	box 5	folder 35	

Subseries II.5: Awards and Events, 1974-1975

Scope and Contents

This subseries contains documents relating to awards and events offered by the APS.

Title/Description	Instances	
1975 Particle Accelerator Conference, 1974, 1975, 1974	box 5	folder 36
1976 International Conference on the Interactions of Neutrons with Nuclei, 1974, 1976, 1974	box 5	folder 37-38
Physical Description: (2 folders)		
APS Prize in High Polymer Physics, 1974	box 5	folder 39
Davisson-Germer Prize, 1974-1975	box 5	folder 40
Leo Szilard Award and Forum Award, 1974	box 5	folder 41
Oliver Buckley Solid State Physics Prize, 1974	box 5	folder 42

Subseries II.6: Research and Studies, 1973-1975

Scope and Contents

This subseries holds documents on the research and studies performed and proposed by the APS.

List of Members of Reactor Safety Study Panel, 1975

	box 5	folder 43
Proposal for Summer Study on Improving Energy Utilization in Commercial Buildings, undated	box 5	folder 44
Proposals for APS Studies, 1974-1975	box 5	folder 45
Summer Study on Nuclear Reactor Safety, 1973-1975	box 5	folder 46

[^] Return to Table of Contents

Series III: Conferences, 1975-1980

Scope and Contents

This series consists of papers, notes, and pamphlets from various conferences and symposia in which Wu participated. Wu appeared to have played a major role in the Michael Idvorsky Pupin Symposium in Novi Sad (Serbia) in October, 1979. Included are research materials concerning Pupin and the symposium, Wu's paper on Pupin, "Michael Idvorsky Pupin at Columbia College and His Role in the Rise of Idealism in American Science," and the published papers of the symposium in both Serbo-Croatian and English.

Title/Description	Instances	
Conference on Weak Interactions as Probes of Unification- Neutrino Mass Paper, 1980	box 6	folder 1
Fourth International Conference on the Unity of the Sciences, 1975	box 6	folder 2
Los Alamos Meson Physics Facility (LAMPF) Meeting, 1979	box 6	folder 3
Mini Conference on Neutrino Mass-Double Beta Decay Paper, 1980	box 6	folder 4
Miscellaneous, 1979	box 6	folder 5
Sixth International Conference on Atomic Physics, 1978	box 6	folder 6
Symposium on "Life and Work of Michael Idvorsky Pupin"		
General, 1979-1980, undated, 1979-1980, undated	box 6	folder 7
Papers of, 1979	box 6	folder 8
Wu's Notes and Research, 1979, undated, 1979	box 6	folder 9
Wu's Paper, ca. 1979	box 6	folder 10

[^] Return to Table of Contents

Series IV: Columbia University, 1945-1994

Scope and Contents

This series contains correspondence, papers, data, articles, teaching materials, and general administrative materials related to Wu's time at Columbia University. Correspondence with Columbia University faculty

and administrators is also housed in Series I. Correspondence under both the alphabetical sub-series and the chronological sub-series. The series is divided into three subseries: Subseries IV.1. Affirmative Action; Subseries IV.2. Physics Department; and Subseries IV3. Assorted Materials.

Subseries IV.1: Affirmative Action, 1968-1977

Scope and Contents

This subseries contains detailed correspondence and collected data on the creation of an affirmative action program at Columbia University. Included are background materials for making decisions on the program, copies of Harvard and Princeton University's affirmative action programs, and documents concerning women at Columbia. Wu was an active member of the President's Faculty Advisory Committee for Affirmative Action and was part of a group of women members of the Committee who decided to form the Women's Caucus, which appears to have been unofficial. The material in the subseries also contains information on the Commission on the Status of Women along with the Advisory Committee on Affirmative Action, since the two were intertwined.

Title/Description	Instances		
Affirmative Action Program, 1972 December, 1972	box 6	folder 11	
Data, ca. 1972	box 6	folder 12	
Discarded Tables, 1972	box 6	folder 13	
Equal Pension Benefits, 1975-1977	box 6	folder 14	
Faculty Advisory Committee, 1971-1972	box 6	folder 15	
Harlem Hospital Data, ca. 1972	box 6	folder 16	
Harvard University, 1971-1972	box 6	folder 17	
Information from External Sources, 1971-1976, undated, 1971-1976, undated	box 6	folder 18	
Interim Affirmative Action Program, 1972 February, 1972	box 6	folder 19	
List of Names of Female Faculty Members, 1972	box 6	folder 20	
Marion E. Jemmott, Memo on Columbia Professional Women's Association, 1976	box 6	folder 21	
Medical School Data Drafts, 1971-1972	box 6	folder 22	
Original Data on Seniority, ca. 1972	box 6	folder 23	
Princeton University, 1968-1973	box 6	folder 24	
Ruth Harris, Carolyn Denning and Anneliese Sitarz Cases, 1975-1976	box 6	folder 25	
Statements and Memoranda, 1972-1975, undated, 1972-1975, undated	box 6	folder 26	
Tables Prepared for the Affirmative Action Committee, 1971-1972	box 6	folder 27	
"Where We Are and How We Got There" Draft, 1975	box 6	folder 28	
Women Members of the Faculty, Data on, 1972	box 6	folder 29	

Women Members of President's Faculty Advisory Committee-Stamp, undated	box 6	folder 30	
Women's Caucus, 1971-1972	box 6	folder 31	

Subseries IV.2: Physics Department, 1958-1994

Scope and Contents

This subseries consists of material relating to the Physics Department at Columbia University. Included are reports on trips taken under the auspices of the department, class notes, and teaching materials for some of Wu's courses.

Title/Description	Instances		
Foreign Travel Report of Visit to Second International Conference on High Energy Physics and Nuclear Structure, 1967	box 6	folder 32	
Miscellaneous, 1958-1979 1994, 1958-1979, 1994	box 6	folder 33	
Nuclear Research at Columbia University, Dept. of Physics, 1963	box 6	folder 34	
Ph.D. Qualifying Exam, 1979-1980	box 6	folder 35	
Physics 4040y and 8057x Problem Sets and Exams, 1965-1977	box 6	folder 36	
Report on Work in Progress of the Mössbauer Group, undated	box 6	folder 37	
Steven C. Cheng's Notes from Wu's Advanced Nuclear Physics Class (Physics 8057x)-Part I, 1966	box 6	folder 38	
Steven C. Cheng's Notes from Wu's Advanced Nuclear Physics Class (Physics 8057x)-Part II, 1966	box 6	folder 39	
Trip Report to Tokyo, Japan, 1967	box 6	folder 40	

Subseries IV.3: Assorted Materials, 1945-1979

Scope and Contents

This subseries contains general material relating to Columbia University including administrative guides, equipment orders, job postings sent to Wu from other universities, and travel reports.

Title/Description	Instances		
Administrative Guides, 1969-1976	box 7	folder 1	
Columbia Professional Women's Association, 1976	box 7	folder 2	
Equipment and Supplies, 1964-1966	box 7	folder 3	
Job Postings, 1973-1976	box 7	folder 4	
Nevis Laboratories, 1975-1976	box 7	folder 5	
Personnel Information, 1945-1981	box 7	folder 6	

TIAA, 1982-1984	box 7	folder 7	
Travel Reports and Costs, 1965-1967, 1980, 1965-1967, 1980	box 7	folder 8	
Zhang Xiang, 1978-1979	box 7	folder 9	

[^] Return to Table of Contents

Series V. Research, 1948-1985

Scope and Contents

This series contains reports, papers, research notes, laboratory notebooks, and transparencies of figures relating to physics research Wu was involved in. Also included are articles, papers, and research notes used as reference material by Wu. There is some correspondence with other physicists regarding their research in relation to Wu's. The laboratory notebooks all seem to relate to the work done by Wu and her assistants for the Atomic Energy Commission in the 1940's and 1950's.

Title/Description	Instances		
Assorted Tables, Figures and Charts, undated	box 7	folder 10	
Beta DecayOriginal Figures, 1984	box 7	folder 11	
Brookhaven National Laboratory-Alternate Gradient Synchrotron, 1974-1975	box 7	folder 12	
Brookhaven National Laboratory-High Energy Discussion Group, 1975-1979	box 7	folder 13	
Brookhaven National LaboratoryMiscellaneous, 1975-1977, undated, 1975-1977, undated	box 7	folder 14	
Ca48 Notes and Correspondence, 1961-1973, undated, 1961-1973, undated	box 7	folder 15	
Contributions of Beta Decays to the Developments of Electro-Weak Interaction, undated	box 7	folder 16	
Double Beta Decay in 48Ca, 1967,undated, 1967	box 7	folder 17	
Double Beta Decay of Ca48 and the Conservation of Leptons, undated	box 7	folder 18	
Drafts on Fund Properties of Elementary Particles K-, P-, and Σ -, 1974, undated, 1974	box 7	folder 19	
Electronic Laboratory, Double Beta Instrumentation, 1965	box 7	folder 20	
Electronic Structure of Iron-Dioxygen Bond in Oxy Hb-A and Its Isolated Oxy α and Oxy β Chains, 1980	box 7	folder 21	
Emperor Tandem Accelerator, 1963	box 7	folder 22	
Experimental Verification of the Relativistic Find Structure Term of the Klein-Gordon Equation, 1978	box 7	folder 23	

Fermi-Gamow-Teller Mixing in the Allowed Isospin- Hindered Positron Decay of 56Co, 1982-1983	box 7	folder 24
Final Plots of Gamma Rays Spectrum and Background Spectrum, 1970	box 7	folder 25
Final Report on Fundamental Properties of the Elementary Particles K-, P-and Σ -, undated	box 7	folder 26
How the Nuclear Shell Model has Contributed to the Study of Electroweak and Muonic Atoms,", 1985	box 7	folder 27
Isotope Shift Figures, undated	box 7	folder 28
"Isotope Shifts and Isomer Shifts in Muonic Atoms,", undated	box 7	folder 29
Isotope Shifts in Tin, 1967-1969	box 7	folder 30
Kaonic Atoms, undated	box 7	folder 31
Laboratory Notebook Assigned to A.F. Reid, 1954-1955	box 7	folder 32
Laboratory Notebook Assigned to W.A. Nierenberg, 1954-1955	box 7	folder 33
Laboratory Notebook of Alice Lenz, 1948-1949	box 8	folder 1
Laboratory Notebook of Alice Lenz, 1950-1951	box 8	folder 2
Laboratory Notebook of Alice Lenz, 1951-1952	box 8	folder 3
Laboratory Notebook for AEC Contract AT-30-1, Gen 72, ca. 1950	box 8	folder 4
Laboratory Notebook for Radiochemistry, 1958-1960	box 8	folder 5
Low Energy Nuclear Physics and Weak Interactions, undated	box 8	folder 6
Materials Connected with Applications for Funds, 1970-1971, undated, 1970-1971	box 8	folder 7
"Measurements of the Nuclear Gamma Rays in Muonic Atoms of Several Deformed Nuclei,", ca. 1968	box 8	folder 8
Mesic X-rays, 1965	box 8	folder 9
Monte Carlo Calculation and Present Status of $\beta\beta$ Research, 1974-1975	box 8	folder 10
Mössbauer Study, 1974	box 8	folder 11
Mössbauer Study of FeNH4(SO4)2 \cdot 12H2O at Temperatures Below 1 $^{\rm o}$ K, 1978	box 8	folder 12
Muonic Atoms, Mesonic Atoms and Nuclear Structure, undated	box 8	folder 13
Muonic X-rays and Nuclear Structure, undated	box 8	folder 14
27 . 1 . 1 . 40=0.400.4		

	box 8	folder 15
Nuclear Orientation Facility for the Study of the Angular Distribution of γ Radiation and β Particles Emitted by Polarized Nuclei, undated	box 8	folder 16
Peter Gollon's Revised Problem, 1969	box 8	folder 17
Physics and Astronomy Classification Scheme, 1975	box 8	folder 18
Pionic Atoms, undated	box 8	folder 19
Preliminary Report on the Results of K-and P-Atoms by Columbia-Yale Group, 1974	box 8	folder 20
Progress Report on High Resolution Studies of Muonic X-rays, 1966	box 8	folder 21
Progress Report of Pupin Cyclotron Laboratory, 1958	box 8	folder 22
Prompt and Delayed γ Rays in 109Bi and 205Tl, undated	box 8	folder 23
Proposal to Atomic Energy Commission for Research Program in Neutron and Photon Gases, 1970	box 8	folder 24-25
Physical Description: (2 folders)		
Proposal to Dept. of Health, Education and Welfare for the Study of Sickle Cell Anemia, 1970	box 8	folder 26
Proposal to National Science Foundation, 1979	box 8	folder 27
Proposal for Research on Radiative Muon Capture in Gaseous 3He, 1978	box 8	folder 28-29
Physical Description: (2 folders)		
Reading Notes on Public Policies, 1975	box 8	folder 30
Reference		
Articles by C.P. Wang, 1979	box 8	folder 31
Doppler Effect, 1963-1964	box 8	folder 32
Double Beta Decay, 1970-1973	box 8	folder 33
Locality and the Einstein Podolsky Rosen Paradox by P.A. Moldauer, undated	box 8	folder 34
Mössbauer Spectroscopy, 1966-1967	box 8	folder 35
Papers on Muonic Atoms, 1963-1970	box 8	folder 36
Radioisotopes, Stable Isotopes Research Materials, 1967	box 8	folder 37
Stable Isotope Cross Section and Heavy Element Research Pool Inventory, 1970	box 8	folder 38
Stable Isotope Research Pool Inventory, 1976-1978	box 8	folder 39

Sum Rules and Mass Relationships Obtained from the Gravitational Linear Rotator Model of Baryons by Motz and Epstein, undated	box 8	folder 40
References in NDP-RECON, 1975	box 8	folder 41
Roger Barrett, 1966-1969	box 9	folder 1
Status of Double Beta Decay Experiments, undated	box 9	folder 2
Synchrotron Radiation, 1974-1976, undated, 1974-1976, undated	box 9	folder 3
Transparencies		
AGS Proposal, 1973	box 9	folder 4
Muonic Atoms, undated	box 9	folder 5
Parity Violation in Atoms, 1984	box 9	folder 6
Presentation at Nevis Laboratories, 1974 March, 1974	box 9	folder 7
Shell Models, 1984	box 9	folder 8
Weak Interactions Paper, 1958	box 9	folder 9
Why Are We Interested in Nuclear Physics?Paper, undated	box 9	folder 10
Wu's Notes on Double Beta Decay Articles, 1957,	box 9	folder 11
1968-1970, 1957, 1968-1970		

[^] Return to Table of Contents

Series VI. Speeches and Lectures, 1958-1984

Scope and Contents

This series includes speeches and lectures by Wu with a few by others. A folder of speeches in Chinese was unlabeled. Of particular note is Dr. Moche's interview with Wu on women in physics.

Title/Description	Instances	
Acceptance Speech for 1958 Research Contribution Award, 1958, 1958, 1958	box 9	folder 13
Acceptance Speech for 1975 Tom Bonner Prize in Nuclear Physics-Subtleties and Surprises, 1975, 1975, 1975	box 9	folder 14
Address at the Golden Anniversary of Sigma Delta Epsilon, 1971	box 9	folder 15
Address on Receipt of Chinatown Planning Council Woman of the Year Award, 1979	box 9	folder 16
Committee Against Genocide by Vietnam, 1979	box 9	folder 17

Concluding Remarks by Peter Axel, undated	box 9	folder 18
Double Beta Decay in Ca48 and the Conservation of Lepton, undated	box 9	folder 19
Dr. Moche Interview re: Women in Physics, 1974	box 9	folder 20
Impact of Science: Ended or Only Begun?, undated	box 9	folder 21
On the Study of Physics and its development, in Chinese, undated	box 9	folder 22
Michael Idvorsky at Columbia College and His Role in the Rise of Idealism in American Science, 1979	box 9	folder 23
The Muonic X-ray as a New Tool for Nuclear Structure Studies, undated	box 9	folder 24
Nishima Memorial Lecture, 1983	box 9	folder 25
Panel on Women in Physics Talk, 1971	box 9	folder 26
Recent Progress in Muonic Atoms, 1968	box 9	folder 27
Remarks at the Symposium on American Women in Science and Engineering, 1964	box 9	folder 28
Report to be Presented to Nevis Laboratory, 1969	box 9	folder 29
Research in Physics, 1958	box 9	folder 30
Research in the University of Tomorrow, 1967	box 9	folder 31
A Review Talk on Muonic Atoms, 1971	box 9	folder 32
Society of Japanese Women Scientists, undated	box 9	folder 33
Speech for Distinguished Contribution Award by Chia-Hsin Culture Foundation, 1965	box 9	folder 34
Statement of Dr. Tsung-Dao Lee, undated	box 9	folder 35
Subtleties and Surprises: The Contribution of Beta Decay to the Synchrotron Radio Talk, undated	box 9	folder 36
Talk at University of Northern Iowa, 1969	box 9	folder 37
Talks at Wisconsin and Padua, 1984	box 9	folder 38
Talks Re: Women in Science, undated	box 9	folder 39
Test of Time-Reversal Invariance in Electromagnetic Interactions by L.W. Mo, 1969	box 9	folder 40
University of Utah Frontiers of Science, 1971	box 9	folder 41
Unlabeled, undated	box 9	folder 42
Women in Higher Education by Alan Pifer, 1971	box 9	folder 43

Series VII. Publications, 1957-1994

Scope and Contents

This subseries contains articles written by or about Wu, as well as articles, papers, and books written by others. The folder of "Clippings and Press Releases about Wu" contains material spanning much of Wu's career in physics. Also included are articles regarding women, in particular women in science, as well as articles on various aspects of physics. The folder "Publication Lists" contains listings of Wu's various publications throughout the years up to the 1970s. The folder "Reviews of Wu and Moszkowski Book" contains book reviews of *Beta Decay*.

Title/Description	Instances	
American Astronomical Society Manpower Study, undated	box 9	folder 45
Articles re: Women, 1976-1982, undated, 1976-1982, undated	box 9	folder 46
Benjamin Franklin and the Conservation of Electricity (unknown author), 1970	box 9	folder 47
Beta Decay. I. Classical Beta Decay Experiments, undated	box 9	folder 48
Beta Spectra of 12B and 12N Reanalyzed, 1977	box 9	folder 49
Japanese Language Publications: 原子核構造の新しい研究 手段としてのμ中間子X線, 日本物理学会誌第23巻第4号別刷, 1968	box 9	folder 50
Clippings and Press Releases about Wu, 1957-1988, undated, 1957-1988, undated	box 9	folder 51
Clouds over University's Basic Researches, 1975	box 9	folder 52
Comparison Study of Ferrous Ions in Deoxygenated Hb-A and Its Isolated Subunits, 1974	box 9	folder 53
Directional Distributions of Beta-Rays Emitted from Polarized 60Co Nuclei, undated	box 9	folder 54
The Discovery of the Parity Violation in Weak Interactions and its Recent Developments, 1983	box 9	folder 55
Double-Photon Decay in 90Zr Nucleus, 1973	box 9	folder 56
Dr. Chien-Shiung Wu and Her Research in Science by Wu Tze Wo, undated	box 9	folder 57
The Fall of Parity by the National Museum of History, 1982	box 9	folder 58
Magnetic Dipole and Electric Quadrupole Hyperfine Effects in Bi209 Muonic X-rays, 1966-1967	box 9	folder 59
Mössbauer Studies of Hyperfine Interactions at Ultralow Temperatures, 1978	box 9	folder 60

Muon-Electron Universality and PCAC in Muon Capture in Hydrogen by Zavattini,, 1983	box 9	folder 61
Muonic Atoms and Nuclear Structure, 1969	box 9	folder 62
Muonic Atoms. I. Dynamic Hyperfine Structure in the Spectra of Deformed Nuclei, 1970	box 9	folder 63
National Academy of Sciences, 1968, 1987-1992, 1968, 1987-1992	box 9	folder 64
The Neutrino, 1959	box 9	folder 65
Phase Transitions Along and Off the Yrast Line by Tanabe, 1982	box 9	folder 66
Physics Related Articles, 1968-1979, undated, 1968-1979, undated	box 9	folder 67
Present Experimental Status on the Second Class Currents and the Conserved Vector Current Theory, 1977	box 10	folder 1
Publications Lists, 1977,undated, 1977	box 10	folder 2
Publications Re China and Chinese, 1967-1979, 1991, 1967-1979, 1991	box 10	folder 3
Reviews of Wu and Moszkowski Book <i>Beta Decay</i> , 1967-1968	box 10	folder 4
R.M. Sternheimer Articles, 1976-1977	box 10	folder 5
A Search for the Double Beta Decay of 48Ca and Lepton Conservation, 1970	box 10	folder 6
Sigma Delta Epsilon, 1992-1994	box 10	folder 7
Subtleties and Surprises (Columbia University Forum), 1966	box 10	folder 8
T.D. Lee and C.N. Yang by C.S. Wu, 1958	box 10	folder 9
Time-Reversal Test and Nuclear-Structure Study Using 110rmAg, undated	box 10	folder 10
Weak Interactions(First and Second Sections), 1965-1966	box 10	folder 11
Yearbook of the Newspaper Guild of New York, 1958	box 10	folder 12

[^] Return to Table of Contents