

**Alice Bourke Hayes, Ph.D., Papers,  
1959-2006**

**Creator:** Alice Bourke Hayes

**Extent:** 3.5 linear ft.

**Location:**

**Processor:** Shannon Shea, July 1997. Updated by Elizabeth A. Myers, June 2007 and June 2011.

**Administration Information**

**Access Restrictions:** None.

**Usage Restrictions:** Copyright for material created by Alice B. Hayes was transferred to the Women & Leadership Archives.

**Preferred Citation:** Loyola University Chicago. Women & Leadership Archives. Alice Bourke Hayes. Box #, Folder #

**Provenance:** The material for this collection was transferred to the Women & Leadership Archives by Alice B. Hayes in August, September, and October of 1994, in June 1995, August 2002, and December 2006. WLA1994.05, WLA1994.07, WLA1995.9, WLA2002.27, WLA2002.33, WLA2006.53

**Separations:** Unknown.

**See Also:** Loyola University Chicago Archives and Mundelein College Archives.

**Biographical History**

Alice Bourke Hayes was born on December 31, 1937 in Chicago, Illinois, and educated in local parochial schools. She received her B.S. in Biology from Mundelein College in 1959, her M.S. in Botany from the University of Illinois at Champaign-Urbana in 1960, and her PhD in Biological Sciences from Northwestern University in 1972. From 1962 to 1969, Hayes taught at Loyola University Chicago in the Natural Sciences Department (Instructor, 1962; Assistant Professor, 1967; Chair, 1967-1969). She then spent two years at Northwestern University in the Department of Biological Sciences as a National Science Foundation Fellow and as a visiting lecturer (1969-1971). Dr. Hayes returned to Loyola University Chicago in 1971 to resume her position as chair of the department of Natural Sciences (Associate Professor, 1974; Professor, 1979; Chair, 1971-1977). From 1977 to 1980 she served as Dean of Natural Sciences in the College of Arts & Sciences. Then, from 1980-1987, Dr. Hayes served as the Associate Academic Vice President and from 1987 to 1989 as the Vice President of Academic Affairs. In July 1989, Dr. Hayes left Loyola University Chicago to become the Executive Vice President and Provost at St. Louis University in St. Louis, MO. In July 1995 she left St. Louis University to become President of the University of San Diego in San Diego, CA. Alice B. Hayes received many honors, grants, and awards during her expansive career. Alice B. Hayes was married to John J. Hayes from 1961 to his death in 1981.

**Scope and Content**

The Alice Bourke Hayes Papers span from 1960 to 1995 and include some undated material. The papers generally reflect her professional endeavors and include an outline of her career, correspondence related to her career, publications by Hayes, presentation and conference ephemera including papers, and grant proposals. There is also significant material present related to the Leaf

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Blade Formation Project specifically which includes formal papers, correspondence, articles, research logs, and data books.

**Series 1: Professional, 1959-2006, n.d., Boxes 1-3**

Includes a comprehensive outline of Hayes' career, educational background, Ph.D. studies, correspondence about her employment, research programs, departmental news, published articles, book reviews, and conference material.

**Series 2: Leaf Blade Formation Project, 1969-1985, n.d., Boxes 3-6**

Includes material related to the NASA funded research project such as correspondence, research notes, grant proposals, and data journals.

**Series 3: Audio-Visual, 1959-1995, Box 6**

Contains three photographs of Hayes and one VHS cassette tape documenting her inauguration as President of UC San Diego.

**Subjects:**

College Presidents—California—Biography  
Loyola University Chicago  
Mundelein College  
Women College Presidents  
Women in Higher Education  
Women in Science

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<u>Box</u>	<u>Folder</u>	<u>Title</u>	<u>Dates</u>
<b>Series 1: Professional, 1959-2006, n.d.</b>			
1	1	M.S. Thesis, "Fungus Response to Indoleacetic Acid and Related Compounds"	1960
	2	Northwestern University	1960-1971
	3	Loyola University Chicago: Employment	1980-1981
	4	Curriculum Vitae	1994-1995
	5	Notebook, St. Louis University Conference Notes	1989-1991
	6	Inaugural Mass & Celebration for Dr. Hayes at the University of San Diego.	1995
	7	Speeches & Publications	1965-1992
	8	Dr. James A. Lippincott	1970-1980
	9	Dr. Donald R. Rogers	1976
	10	CAUSE Program	1980-1981
	11	Requests for Reprints of Articles	1963-1980
	12	"Legends and Lilies,"	1963
	13	"Identification of Candida Albicans"	1966
	14	"hlamydospore Production in Candida Albicans"	1966
	15	"Fairy-Ring Fungi"	1967
	16	"Mycorrhizal Fungi and Plant Growth Hormones"	1969
	17	"Non-Science Majors Course of Loyola University"	1968
	18	"Morpholocical Effects of Pollination in the Brazilian Miltonias"	1968
	19	"Observations of Orchid Seed Mycorrhizae"	1969
	20	<i>Readings in Natural Science: Evolution and Development</i>	1969
	21	<i>Reading Natural Science: Life &amp; Inquiry</i>	1969
2	1	"Science Seminars for Liberal Arts Freshmen"	1976
	2	"In the World of Research, the Future is Now"	1977
	3	"Science Courses for Citizens"	1980
	4	"Developing a Consensus on Education"	1984
	5	"Helping to Feed a Hungry World"	1984
	6	"A Collection of Papers on Self-Study and Institutional Improvement"	1986
	7	"Preparation—Access—Retention"	1987
	8	"Catholic Intellectual Excellence"	1991
	9	"The Spirit of Discovery"	1992
	10	"General Education in the Context of Institutional Mission"	1992
	11	"Food for Thought"	1993
	12	"A Woman's Place"	1993
	13	Book Reviews	1964
	14	Book Review	1965-1969
	15	Book Reviews	1973
	16	Book Reviews	1974

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	17	Book Reviews	1978
	18	Book Reviews	1980
	19	Midwestern College Biology Teachers 20 <sup>th</sup> Annual Meeting	1976
	20	"Plant Morphogenesis and Space Bio or Why Leaves are Flat"	1979-1984
	21	"The Evolution of Women"	1983-1984, 1986, 1988
	22	"Welcome Consultation on Women & Ethnicity"	1988
	23	"Women, Men & The Church"	1989
	24	Affecting Progress for Women in Education"	1989
	25	"Women & Power"	1990
	26	"Coeducation in the Jesuit Tradition"	1991
	27	"Welcome Women in Aviation Conference"	1991
	28	"Valued at Thirty Shekels: Observations on the Implications of Rerum Movarum for Women"	1991
	29	"Women & the World of Work"	1992
	30	Programs for Various Conferences	1986-1989
	31	Loyola University Chicago Research Committee	1977-1978
	32	"Loyola's Second Century" Grant Proposal	1982
	33	Evaluation of Fordham University's Science Curriculum	1983
	34	STARS, Grant Proposal	1986-1988
3	1	"Urban University Study"	1982-1986
	2	Illinois Society for Microbiology, Inc.	n.d.
	3	"Helping to Feed a Hungry World," <i>Loyola Magazine</i>	1984
	4	"Education in Biotechnology and in Faith/Science," <i>The Genome: Plant, Animal, Human</i>	1999
	5	"Academic Excellence," <i>Current Issues in Catholic Higher Education</i>	2000
	6	"Responses to Relationship Revisited," <i>Current Issues in Catholic Higher Education</i>	2000
	7	St. Louis University Publications	1989-1995
	8	University of San Diego News Items	1996-2002
	9	Coffey Award, Loyola University Chicago	2006

**Series 2: Leaf Blade Formation Project,  
1969-1985, n.d.**

	11	Papers, Correspondence, Essays	1980-1981
	12	Papers, Correspondence, Essays	1980-1981
	13	Renewal Proposal	1980
	14	Renewal Proposal	1982
	15	Renewal Proposal	1984
	16	"Growth and Gravitational Response in the Development of Leaf Blade Hyponasty"	1976
	17	"Auxin-Cytokinin Effects in Leaf Blade Hyponasty"	1978

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18	“Developmental Aspects of Leaf Blade Hyponasty”	1977
19	“The Timing and Effect of Temperature on Auxin-Induced Hyponastic Curvature of the Bean Primary Leaf Blade”	1981
20	“The Interaction of Auxin and Ethylene in the Maintenance of Leaf Blade Form in Phaseolus Vulgaris L. Var. Pinto”	1981
21	“The Interaction of Auxin and Ethylene in the Maintenance of Leaf Blade Form in Phaseolus Vulgaris L. Var. Pinto”	1981
22	“Strategies for Increasing Food Production”	1982-1984
4	Log Books from Research, 1-7	1969-1971
5	Log Books from Research, 8-14	1971-1982
6	Log Books from Research, 16-20, 22	1982-1985

**Series 3: Audio-Visual, 1959-1995**

1	Photographs	1959, 1987, 1995
2	VHS Cassette: In Celebration: The Inauguration of Alice Bourke Hayes as President of the University of San Diego	1995