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**MS 582**

**Vetter, Betty McGee (1924-1994)**

**Papers, 1896-1995**

MS 582

### **Descriptive summary**

creator: Vetter, Betty McGee (1924-1994)

title: Papers

dates: 1896-1995

extent: 7.89 linear feet (13 manuscript boxes, 2 half manuscript boxes, and 5  
oversize boxes)

collection  
number : MS 582

repository: Archives of Women in Science and Engineering, Special Collections  
Department, Iowa State University.

### **Administrative information**

access: Open for research

publication  
rights: Consult Head, Special Collections Department

preferred  
citation: Betty McGee Vetter Papers, MS 582, Special Collections Department,  
Iowa State University Library.

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### **Biographical note**

Betty Vetter was born October 25, 1924 in Center, Colorado and died November 18, 1994 in Arlington, Virginia. Vetter received a B.A. (1944) in Chemistry from the University of Colorado, and an M.A. (1948) from Stanford University in Theater and Drama. Vetter enrolled in graduate work in English literature at the University of California, Berkeley. She was awarded an honorary Doctorate of Laws degree from Illinois Wesleyan University in 1992. In 1994 she was honored by the Association for Women in Science for “outstanding work in providing critical information and statistics on the science labor force for three decades.”

Following her service in the United States Navy WAVES during World War II, and her enrollment at Stanford University and the University of California at Berkeley, Vetter taught at Fresno State University until 1958. After her departure from Fresno State University, Vetter taught English for three years for the University of California Far East Program in Japan where she met and married Richard Vetter. In 1961 Vetter taught at American University and the University of Maryland, and by 1963 Vetter had begun her career at the Commission of Professionals in Science and Technology in Washington, D.C., where she was director until her death in 1994.

Vetter was the founder and editor of the periodical digests, “Scientific, Engineering, Technical Manpower Comments”; “Professional Women and Minorities: A Human Resource Data Compendium”; and author of “Setting the Record Straight: Shortages in Perceptive”; “New Technologies: Impact on Work, Workers, and Workplace”; and “What’s Holding Up the Glass Ceiling?” Vetter also wrote more than 150 reports, chapters, and articles.

### Collection description

**Series 1, Biographical Information**, contains journals and daybooks from Vetter's youth, her Navy service record, her passports, her obituary and correspondence relating to her death in 1994. **Series 2, Family History**, contains the chronology, genealogy and history of both sides of Vetter's family. In addition, it contains memorial service books, a will and a published biography of her grandmother. **Series 3, Correspondence**, contains professional correspondence related to Vetter's work as Director of the Commission on Professionals in Science and Technology (CPST). Correspondents include the Center for the Education of Women, the U.S. Office of Technology Assessment, and the National Association of Minority Engineering Program Administrators.

**Series 4, Occasional Papers—Commission on Professionals in Science and Technology**, include Vetter's CPST papers, usually 4-5 were published per year. Some sample titles: "American Minorities in Science and Engineering: A Progress Report" (1992); "New Technologies: Impact on Work, Workers and the Workplace" (1993). Another series that contains Vetter's published papers is located in **Series 5, Papers for CURIES (Cross University Research in Engineering and Science)**.

**Series 6, Professional Activities**, contains data compiled by Vetter on chemical engineers and a report concerning a proposed office of U.S. technology development. **Series 7, Publications**, contains publications of articles by Vetter on women in science and engineering, an excerpt of an unfinished book on women and minorities in scientific fields, and a chapter for another book on the same subject.

Betty Vetter gave numerous positions as part of her role with CPST, and **Series 8, Speeches**, provides numerous examples. The topics, for the most part, relate to affirmative action, and the experiences of women and minorities. Vetter testified before the U.S. Congress on several occasions, and **Series 9, U.S. Congressional Testimony**, contains her remarks concerning science.

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One of Vetter's hobbies was creative writing, and **Series 10, Creative Writing**, contains all of her extant stories and poems. **Series 11, Media**, contains three recordings of Vetter speaking. Two recordings are speeches of the same type catalogued in Series 8, and one recording is of her memories. Vetter kept scrapbooks and photograph albums all of her life and **Series 12, Scrapbooks and Photographs**, contains photo albums of Ms. Vetter's theatrical pursuits, Navy life and school activities, scrapbooks with photographic illustration and loose family photographs.

### Organization

The collection is organized into eight series: **Series 1, Biographical Information, 1941-1994**; **Series 2, Family History, 1975-1992, n.d.**; **Series 3, Correspondence, 1986-1995**; **Series 4, Occasional Papers—Commission on Professionals in Science and Technology, 1988-1993**; **Series 5, Papers for CURIES (Cross University Research in Engineering and Science), 1994**; **Series 6, Professional Activities, 1986; 1991**; **Series 7, Publications, 1972-1992, n.d.**; **Series 8, Speeches, 1981-1992, n.d.**; **Series 9, U.S. Congressional Testimony, 1980-1993**; **Series 10, Creative Writing, 1941-1994**; **Series 11, Media, n.d.**; and **Series 12, Scrapbooks and Photographs, 1896-1994**.

### Description of series / container list

<b>Series 1</b>	<b>Biographical Information</b>
extent:	0.63 linear feet (1 manuscript box and 1 half size manuscript box)
description:	Contains journals and daybooks from Vetter's youth, her Navy service record, her passports, her obituary and correspondence relating to her death in 1994.
box 1/1	Biographical Information: Five Year Diary, 1941-1942
box 1/2	Biographical Information: Journals, Pt. 1, 1941-1942

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- box 1/3 Biographical Information: Journals, Pt. 2, 1945-1964
- box 1/4 Biographical Information: Day Book/Diary, 1945
- box 1/5 Biographical Information: Notes, Letters, n.d.
- box 1/6 Biographical Information: Passports, n.d.
- box 1/7 Biographical Information: U.S. Navy Service Record, n.d.
- box 1/8 Biographical Information: AWIS Reception, 1994
- box 2/1 Biographical Information: Cancer Chronology, 1993-1994
- box 2/2 Biographical Information: Cancer Letters, n.d.
- box 2/3 Biographical Information: Memorial Service, n.d.
- box 2/4 Biographical Information: Memorial Guests, n.d.
- box 2/5 Biographical Information: Obituary, n.d.
- box 2/6 Biographical Information: Obituaries, Memorial Service, and Correspondence for Betty Vetter's death on November 18, 1994
- box 2/7 Biographical Information: "The End," n.d.
- box 2/8 Biographical Information: "Commission on Professionals in Science and Technology: Celebrating Fifty Years," 2003

## **Series 2 Family History**

extent: 0.42 linear feet (1 manuscript box)

description: Contains the chronology, genealogy and history of both sides of Vetter's family. In addition, it contains memorial service books, a will and a published biography of her grandmother.

- box 3/1 Family History: Hunsaker and Vetter Genealogy, n.d.
- box 3/2 Family History: Genealogy, n.d.
- box 3/3 Family History: Cruse Genealogy, n.d.

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- box 3/4      Family History: "The Cartwright and Webber Families in America, n.d.
- box 3/5      Family History: San Luis Valley, n.d.
- box 3/6      Family History: Third Cousins, n.d.
- box 3/7      Family History: Grandmother's biography, 1975
- box 3/8      Family History: Mother's Memorial Service, 1992
- box 3/9      Family History: Grandparent's Effects, n.d.

**Series 3      Correspondence**

extent:      0.42 linear feet (1 manuscript box)

description:      Contains professional correspondence related to Vetter's work as Director of the Commission on Professionals in Science and Technology (CPST). Correspondents include the Center for the Education of Women, the U.S. Office of Technology Assessment, and the National Association of Minority Engineering Program Administrators.

- box 4/1      Correspondence: Margaret Truesdell, 1982-1983
- box 4/2      Correspondence: Margaret and Jerry Truesdell, Mail, 1984
- box 4/3      Correspondence: Margaret and Jerry Truesdell, 1985
- box 4/4      Correspondence, 1986-1987, 1989, 1991
- box 4/5      Correspondence: Office of Technology Assessment (United States Congress), 1987
- box 4/6      Correspondence: Vetter correspondence with Raymond B. Landis and her review of Landis' article, which is included, 1989
- box 4/7      Correspondence: Vetter's correspondence with National Association of Minority Engineering Program Administrators, 1990

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- box 4/8 Correspondence: including Cross University Research in Engineering and Science (CURIES), Commission on Professionals in Science and Technology (CPST), Center for the Education of Women (CEW), and others. 1993-1995. (folder 1 of 2)
- box 4/9 Correspondence: including Cross University Research in Engineering and Science (CURIES), Commission on Professionals in Science and Technology (CPST), Center for the Education of Women (CEW), and others. 1993-1995. (folder 2 of 2)
- box 4/10 Correspondence: Christmas Letter, 1993
- box 4/11 Correspondence: Personal Condolence Letters, n.d.
- box 4/12 Correspondence: Letter re-appointing Vetter to Princeton University's Advisory Council of the School of Engineering and Applied Science, 1977
- Series 4 Occasional Papers - Commission on Professionals in Science and Technology (A series of four to five papers per year, 20-30 pages each.)**
- extent: 0.42 linear feet (1 manuscript box)
- description: Contains papers presented to the Commission on Professionals in Science and Technology in Washington, D.C. from 1988 to 1993. Some are bound.
- box 5/1 Occasional Papers: Recruiting Doctoral Scientists and Engineers Today and Tomorrow, Commission on Professionals in Science and Technology, Washington, D.C., November 1988, number 88-1
- box 5/2 Occasional Papers: Look Who's Coming to School! Changing Demographics: Implications for Science Education, Commission on Professionals in Science and Technology, Washington, D.C., December 1988, number 88-2



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- box 5/3 Occasional Papers: Employment Strategies in Engineering - Response to a Changing Environment, Commission on Professionals in Science and Technology, Washington, D.C., January 1989, number 89-1
- box 5/4 Occasional Papers: Replacing Science and Engineering Faculty in the 1990's, Commission on Professionals in Science and Technology, Washington, D.C., December 1989, number 89-4
- box 5/5 Occasional Papers: Supply and Demand for Engineers in the 1990's: What we Think - What We Think We Know, Commission on Professionals in Science and Technology, Washington, D.C., April 1990, number 90-1
- box 5/6 Occasional Papers: Recruiting Doctoral Scientist and Engineers for the Twenty First Century, Commission on Professionals in Science and Technology, Washington, D.C., October 1990, number 90-3
- box 5/7 Occasional Papers: Supply and Demand in Science and Engineering, Commission on Professionals in Science and Technology, Washington, D.C., January 1992, number 91-4
- box 5/8 Occasional Papers: American Minorities in Science and Engineering: A Progress Report, Commission on Professionals in Science and Technology, Washington, D.C., March 1992, number 92-1
- box 5/9 Occasional Papers: Foreign Citizens Among United States Scientists and Engineers, Commission on Professionals in Science and Technology, Washington, D.C., August 1992, number 92-2
- box 5/10 Occasional Papers: What is Holding Up the Glass Ceiling? Barriers to Women in the Science and Engineering Workforce, Commission on Professionals in Science and Technology, Washington, D.C., November 1992, number 92-3
- box 5/11 Occasional Papers: New Technologies: Impact on Work, Workers, and the Workplace, Commission on Professionals in Science and Technology, Washington, D.C., July 1993, number 93-1

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box 5/12 Occasional Papers: Vetter's Occasional Papers, (bound) 90-1, 91-1 - 91-4, 92-1, 92-3, 92-4, 93-1.

**Series 5 Papers for CURIES (Cross University Research in Engineering and Science) at Wellesley, Massachusetts.**

extent: 0.07 linear feet (2 folders)

description: Vetter's papers for CURIES (Cross University Research in Engineering and Science), 1994

box 6/1 Papers for CURIES (Cross University Research in Engineering and Science), Wellesley, Massachusetts, 1994. (folder 1 of 2)

box 6/2 Papers for CURIES (Cross University Research in Engineering and Science), Wellesley, Massachusetts, 1994. (folder 2 of 2)

**Series 6 Professional Activities**

extent: 0.35 linear feet (9 folders)

description: Contains data compiled by Vetter on chemical engineers and a report concerning a proposed office of U.S. technology development.

box 6/3 Professional Activities: Red notebook Vetter compiled - Chemical Engineers: A Data Book, August 1986

box 6/4 Professional Activities: Report of the Science and Engineering Education Research Group (SEER), "A Proposed Office of Technology Development Education Program." Submitted to the Waste Policy Institute, April 1991

box 6/5 Professional Activities: Thesis, 1948

box 6/6 Professional Activities: Colorado Distinguished Service Award, 1990

box 6/7 Professional Activities: Honors, n.d.

box 6/8 Professional Activities: Money Given in Memory, n.d.

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- box 6/9 Professional Activities: Illinois Wesleyan Honorary LLD., Feb. 19, 1992
- box 6/10 Professional Activities: No title, n.d.
- box 6/11 Professional Activities: Professional Publications, n.d.
- box 6/12 Professional Activities: GEM (Graduate Engineering for Minorities) Betty M. Vetter Resolution, January 19, 1995
- box 6/13 Professional Activities: Commission of Professionals in Science & Technology certificate, 1994
- box 14/13 List of publications (from OCLC/WorldCat), 2002

**Series 7 Publications**

- extent: 0.42 linear feet (1 manuscript box)
- description: Contains publications of articles by Vetter on women in science and engineering, an excerpt of an unfinished book on women and minorities in scientific fields, and a chapter for another book on the same subject.
- box 7/1 Publications: Chapters 4-8 of a draft for an unidentified book on women and minorities in scientific fields (folder 1 of 2), n.d.
- box 7/2 Publications: Chapters 4-8 of a draft for an unidentified book on women and minorities in scientific fields (folder 2 of 2), n.d.
- box 7/3 Publications: Vetter's publications in "Science", 1972, 1974, 1975, 1981
- box 7/4 Publications: Articles written by Betty Vetter, n.d., 1976, 1980, 1984-1991, 1992-1993. (folder 1 of 2)
- box 7/5 Publications: Articles written by Betty Vetter, n.d., 1976, 1980, 1984-1991, 1992-1993. (folder 2 of 2)
- box 7/6 Publications: Book review Vetter wrote about Jonathan R. Cole, 1979

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- box 7/7            Publications: "Utilizing a Renewable National Resource" January 1980
- box 7/8            Publications: Under the Microscope, Working Women, May 1981
- box 7/9            Publications: Issues in Undergraduate Education in Science and Engineering, National Science Board Task Committee, October 16, 1985
- box 7/10           Publications: Where Are the Women in the Physical Sciences? Chapter written for Resistance of the Scientific and Health Professions to Feminism. 1986
- box 7/11           Publications: Women in Science and Engineering, prepared for publication in *MOSAIC*, vol. 18, no. 1, June 16, 1986
- box 7/12           Publications: Women in Science and Engineering; Commission on Professionals, prepared for publication in *MOSAIC*, vol. 18, no. 1, October 7, 1986
- box 7/13           Publications: Correspondence of draft of Supply/Demand for Scientists and Engineers Over the Coming Decade, for the "Journal of Career Planning and Employment," 1989
- box 7/14           Publications: Supply and Demand for Chemists in the United States, sent to "Chemistry and Industry Journal", August 13, 1990
- box 7/15           Publications: 3 versions of the Pipeline Chapter for a book; 1991
- box 7/16           Publications: Changing Demographics: Shrinking Engineering Students Population in the Pipeline, published in "Society of Petroleum Engineers," March 1992  
Publications: Articles written about or citing Vetter, 1982-1988

**Series 8****Betty Vetter's Speeches**

extent:            2.52 linear feet (6 manuscript boxes)

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- description: Speeches written by Betty Vetter, on subjects including her interests in women and minorities in science and technology.
- box 8/1 Speeches: Astrowomen/Feature, n.d.
- box 8/2 Speeches: Opportunities For Women in Science, n.d.
- box 8/3 Speeches: Significant Advances in Participation of Women and Minorities in Science, n.d.
- box 8/4 Speeches: Status of Women in Science, Science - Kreinberg/Klein, n.d.
- box 8/5 Speeches: Transparencies for Vetter's speeches.
- box 8/6 Speeches: Who is in the Pipeline: The Next Generation of Science and Engineering Students, n.d.
- box 8/7 Speeches: Women in Science and Engineering, n.d.
- box 8/8 Speeches: Opportunities for Women In Science, conference on Science Careers in Search of Women, Medical College of Pennsylvania, Philadelphia, Pennsylvania, December 1979
- box 8/9 Speeches: Re-Entry Women in Science, a presentation to the National Science Foundation Conference, Arlington, Virginia, December 3, 1979
- box 8/10 Speeches: High Tech Careers for the Eighties, n.d.
- box 8/11 Speeches: Correspondence and the Labor Force Participation of Women Baccalaureates in Science , American Association for the Advancement of Science (AAAS) Meeting, January 6, 1980
- box 8/12 Speeches: Special Problems of Recent Women Doctorates, American Association for the Advancement of Science (AAAS) Meeting, January 8, 1980

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- box 8/13      Speeches: National Needs for Science Manpower - Projects and Observations, University of Delaware, Newark, Delaware, April 11, 1980
- box 8/14      Speeches: Opportunities for Women in Science, presented at Women in Science Workshop, Williams College, Williamstown, Massachusetts, April 12, 1980
- box 8/15      Speeches: Supply and Demand for Scientists and Engineers in the Eighties, Society of Women Engineers, Cherry Hill, New Jersey, June 27, 1980
- box 8/16      Speeches: Job Market in Science and Engineering - Present and Future, Science Career Workshop, University of Tucson, Arizona, September 27, 1980
- box 8/17      Speeches: Employment Challenges for Women Scientists, presentation to Women in Science Career Workshop at Incarnate Word College, San Antonio, Texas, November 8, 1980
- box 8/18      Speeches: Opportunities for Women In Science, conference on Science Careers in Search of Women, Medical College of Pennsylvania, Philadelphia, Pennsylvania, November 21, 1980
- box 8/19      Speeches: Opportunities in Science and Engineering, presentation to MAPS, Washington, D.C., November 25, 1980
- box 8/20      Speeches: A Blurred Statistical Portrait of Hispanic Scientist, prepared for the Office of Opportunities in Science, American Association for the Advancement of Science (AAAS), Washington, D.C., March 1981
- box 8/21      Speeches: Changing Patterns of Recruitment and Employment, Conference on Women in the Professions, Purdue University, Lafayette, Indiana, March 20, 1981

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- box 8/22      Speeches: A Statistical Report on Black Americans in Science, April 1981
- box 8/23      Speeches: Challenges of the Eighties - A National View, Career Workshop for Women, University of Dayton, Dayton, Ohio, April 14, 1981
- box 8/24      Speeches: Careers for Women In Science, The State of the Art at the New York Academy for Sciences, New York, May 13, 1981
- box 8/25      Speeches: Manpower Data - Its Uses, Abuses, Pit Falls, and Opportunities, Seminar, Wellesley, Massachusetts, May 15, 1981
- box 8/26      Speeches: Re-Entry Women in Science: Candid Career Perspectives, Career Workshop for Women, University of New Mexico, Albuquerque, New Mexico, May 24, 1981
- box 8/27      Speeches: Opportunities in Science and Engineering, Science Career Workshop, Western Michigan University, Kalamazoo, Michigan, June 9, 1981
- box 8/28      Speeches: Supply and Demand for Scientists and Engineers in Research and Development, George Washington University, October 9, 1981
- box 8/29      Speeches: Opportunities in Science and Engineering, Science Career Workshop, University of Arizona, Tucson, Arizona, November 7, 1981
- box 9/1        Speeches: Current Status of Women in Science, AWIS Panel on Women in Science, Washington, D.C., January 4, 1982
- box 9/2        Speeches: Women in Science, presented to Science Career Workshop, New York Academy of Sciences, New York (folder 1 of 2), January 23, 1982

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- box 9/3        Speeches: Women in Science, presented to Science Career Workshop, New York Academy of Sciences, New York (folder 2 of 2), January 23, 1982
- box 9/4        Speeches: Participation and Opportunities for Minorities in Science and Engineering, conference on Minorities in Science and Engineering, City College of CCNY, New York, January 29, 1982
- box 9/6        Speeches: Supply and Demand Outlook in Science and Engineering, Army Science Board Presentation, May 27, 1982
- box 9/7        Speeches: Women in Science - An Overview, Career Workshop, University of Michigan, Dearborn, Michigan, March 27, 1982
- box 9/8        Speeches: Opportunities for Women to Advance the Frontiers in Science and Engineering, presentation to Science Career Workshop, Union College, Schenectady, New York, April 17, 1982
- box 9/9        Speeches: Can We Supply the Nation's Technical Manpower Needs? Conference on Productivity, Wilmington, Delaware, June 28, 1982. Also Leonard Weiss' Meeting the Nation's Technical Manpower Needs, n.d.
- box 9/10       Speeches: Supply and Demand for Science and Math Teachers, National Institute of Education, Washington, D.C., February 8-10, 1983
- box 9/11       Speeches: How Do We Know It's A Crisis? A Renaissance in Science Education, American Association for the Advancement of Science (AAAS) Annual Meeting, Detroit, May 30, 1983
- box 9/12       Speeches: The Status of Women in Science, 1983
- box 9/13       Speeches: The Status of Women in Science in 1983, The National Academy of Sciences Commission on Behavioral and Social Sciences and Education, July 1983



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- box 9/14      Speeches: Science/Engineering Manpower for the Coming Decade, Commerce Science and Technology Fellows Program at Williamsburg, Virginia, January 8-13, 1984
- box 9/15      Speeches: Graduates and Jobs to 1990, Western College Placement Association, Portland, Oregon, January 19, 1984
- box 9/16      Speeches: Science/Engineering Manpower for the Coming Decade, at Washington Technical Personal Forum, March 14, 1984
- box 9/17      Speeches: American Chemical Society (ACS), St. Louis, Missouri, April 8, 1984
- box 9/18      Speeches: Women and Minorities in Chemistry, Symposium on Supply and Demand for Chemical Scientist, American Chemical Society, St. Louis, Missouri, April 9, 1984
- box 9/19      Speeches: Is There a Federal Role in Developing Women Chemists?, American Chemical Society (ASC), St. Louis, Missouri, April 9-10, 1984
- box 9/20      Speeches: Supply and Demand for Scientists and Engineers - A Look Ahead, Harpers Ferry, West Virginia, April 27, 1984
- box 9/21      Speeches: How Do We Measure the Potential Supply of New Scientists and Engineers? SMC/EMC Meeting, Washington, D.C., May 15, 1984
- box 9/22      Speeches: Federal Women Scientist, Educational Needs and Aspirations Washington, D.C., July 9, 1984
- box 9/23      Speeches: Graduates and Jobs to 1990, Mohonk Mountain House, New York, October 5, 1984
- box 9/24      Speeches: Opportunities in Science and Engineering, New York Academy of Sciences, New York, March 2, 1985

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- box 9/25        Speeches: Supply and Demand in the Chemical Sciences, New Jersey Section of American Chemical Society, New Jersey, April 22, 1985
- box 9/26        Speeches: A Statistical Picture of Women in Science, at Bell Laboratories, April 22, 1985
- box 9/27        Speeches: A Statistical Picture of Women in Science, Symposium on the Changing Face of Science, American Association for the Advancement of Science (AAAS) Annual Meeting in Los Angeles, California, May 28, 1985
- box 9/28        Speeches: Technological Manpower, Congressional Quarterly Conference on Industry Preparedness, Washington, D.C., June 5, 1985
- box 9/29        Speeches: Graduates and Jobs to 1990 - The National View, Conference on the College Experience and Career Preparation, State University of New York (SUNY) at Plattsburgh, New York, September 27, 1985
- box 9/30        Speeches: Women in Science - A Progress Report, November 1, 1985
- box 10/1        Speeches: Women and Minorities in Math-Based Careers: The Educational Pipeline, Conferences of Chief State School Officers, Columbus, Ohio, April 7, 1986. Includes correspondence.
- box 10/2        Speeches: 1. The Talent Pool for 1990 and Beyond, GEM Conference on Education for Tomorrow, San Francisco, California, April 14, 1986.  
2. Minorities in Higher Education: The Changing Southwest, by Richard W. Jonsen, n.d.
- box 10/3        Speeches: Women in Science - The Present, Symposium on the Impact of Women in the Professions, University of Maryland, College Park, Maryland, April 15, 1986

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- box 10/4      Speeches: The Talent Pool for 1990 and Beyond, Commission on Professionals in Science and Technology (CPST) Symposium on "Today's Budget - Tomorrow's Workforce," Washington, D.C., October 15, 1986
- box 10/5      Speeches: Men and Women in Science - Is There A Difference? Conference on Women in Neuroscience, Washington, D.C., November 12, 1986
- box 10/6      Speeches: The Talent Pool for 1990 and Beyond, Panel on Minorities: Successes and Prospects for the Future, Council of Graduate School Annual Meeting, San Antonio, Texas, December 3, 1986
- box 10/7      Speeches: Data on United States Hispanics and Native Americans, Commission on Professionals in Science and Technology, Office of Opportunities in Science, American Association for the Advancement of Science (AAAS), December 22, 1986
- box 10/8      Speeches: The Demographics: Implications for the Supply of Scientists and Engineers, Sandia Laboratories, Albuquerque, New Mexico, April 21, 1987
- box 10/9      Speeches: Look Who's Coming to College, Affirmative Action Officers New York Systems, Port Jefferson, Long Island, Rhode Island, May 14, 1987
- box 10/10      Speeches: College-Industry Meeting, Purdue University, Lafayette, Indiana, June 11, 1987
- box 10/11      Speeches: Trends in Employment of Women in Sciences, Committee on Equal Opportunities in Science and Engineering (CEOSE), National Science Foundation, June 22, 1987
- box 10/12      Speeches: Supply and Demand For Graduates in the 1990's, Southern College Placement Association Meeting, Pensacola, Florida, July 23, 1987

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- box 10/13      Speeches: United States Women in Science: Progress, Problems, and Possibilities, International Conference on Women in Science, Ann Arbor, Michigan, July 26, 1987
- box 10/14      Speeches: Women in Science - Defining the Problem, Conference on Women in Science and Engineering, Ann Arbor, Michigan, July 29, 1987
- box 10/15      Speeches: Draft Summary of the Recommendations for Action, Women in Science and Engineering: Changing Vision to Reality, Ann Arbor, Michigan, July 29-31, 1987
- box 10/16      Speeches: Parameters of the Minority Student Database, address to NAMEPA, San Diego, California, August 12, 1987
- box 10/17      Speeches: Supply and Demand For Graduates in the 1990's, National Advisory Board of Business People Inc., Washington, D.C., September 16, 1987
- box 10/18      Speeches: Supply and Demand for Graduates in the 1990's, National Advisory Board of Business People, Inc., Washington, D.C., September 16, 1987
- box 10/19      Speeches: Minorities in Science, Engineering, and Health Fields: Status and Prospects, prepared for the Office of Opportunities in Science, American Association for the Advancement of Science (AAAS), October 1987
- box 10/20      Speeches: Supply and Demand for Graduates in the 1990's, Energy Research Advisory Board, Department of Energy, Washington, D.C., October 9, 1987
- box 10/21      Speeches: Science and Engineering Education for the 1990's, Energy Research Advisory Board, Department of Energy, Washington, D.C., October 9, 1987

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- box 10/22      Speeches: Where Have All the Bachelor's Gone? Women in Physical Sciences - National Task Force of the Physical Sciences Consortium, Arlington, Virginia, November 2, 1987
- box 10/23      Speeches: Current Problems and Issues in Science and Engineering Manpower, Commission on Professionals in Science and Technology (CPST) Meeting, December 15, 1987
- box 10/24      Speeches: Forget Affirmative Action. Think National Survival! NAMEPA Conference, Multicultural Talent, the Changing Demographics, San Diego, California, February 7, 1988
- box 10/25      Speeches: Supply and Demand for Engineers in the 1990's, McGraw Hill Luncheon, Washington, D.C., March 22, 1988
- box 10/26      Speeches: Finding and Keeping Technical Experts in the 1990's, International Conference on Human Resources Management for A/E Firms, San Francisco, California (folder 1 of 2), April 11, 1988
- box 11/1        Speeches: Finding and Keeping Technical Experts in the 1990s, International Conference on Human Resources Management for A/E Firms, San Francisco, California (folder 2 of 2), April 11, 1988
- box 11/2        Speeches: Look Who's Coming to College, address to the Delaware Post Secondary Education Commission, Wilmington, Delaware, April 19, 1988
- box 11/3        Speeches: Professionals in Science and Technology: Minorities in the Pipeline, presented at the Futures Project Opening Conference, Chicago, Illinois, May 4-7, 1988
- box 11/4        Speeches: The Engineering Pipeline - Yesterday, Today, Tomorrow, Penn State Engineering Faculty, University Park, Pennsylvania, March 17, 1988
- box 11/5        Speeches: Women and Minorities in Engineering Education: A New Era? American Society of Engineering Education, Portland, Oregon, June 22, 1988

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- box 11/6      Speeches: Replacing Science and Engineering Faculty in the 1990's, Conference on Undergraduate Research, Carleton College, Northfield, Minnesota, July 13, 1988
- box 11/7      Speeches: Competition For Human Resources in the Next Decade, AMOCO Corporate Recruiting Conference, Chicago, Illinois, July 26, 1988
- box 11/8      Speeches: Correspondence and paper on American White Non-Hispanic Women in Physical Sciences, presentation to the Task Force of the Physical Sciences Consortium, Arlington, Virginia, August 9, 1988
- box 11/9      Speeches: Getting Women and Minorities into Science and Engineering, Minnesota Conference on Women and Minorities in Science and Mathematics, Minneapolis, Minnesota, September 23, 1988
- box 11/10     Speeches: Competition for Scientists and Engineers in the Next Decade, Business People Inc., Regional Advisory Board, Tyson's Corner, Virginia, October 13, 1988
- box 11/12     Speeches: Replacing Engineering Faculty in the 1990's, The Pipeline Task Force of Engineering, Deans of the American Society for Engineering Education, Washington, D.C., January 12-14, 1989
- box 11/13     Speeches: Women in Science Progress and Problems, Final Draft and Summary, Annual Meeting of the American Association for the Advancement of Science (AAAS), San Francisco, California, January 15, 1989
- box 11/14     Speeches: Women In Science: Progress and Problems, American Association for the Advancement of Science (AAAS) Symposium, San Francisco, California, January 15, 1989

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- box 11/15      Speeches: Women in Science, Progress and Problem (summary and selected graphics), American Association for the Advancement of Science (AAAS) Symposium Annual Meeting, San Francisco, California, January 15, 1989
- box 11/16      Minorities Needed in Graduate Education, Massachusetts Graduate Research Development Program, Boston, Massachusetts, April 1, 1989
- box 11/17      Speeches: Changing Demographics: Implications for Science Education, Wisconsin Academy of Sciences, Madison, Wisconsin, April 13, 1989
- box 11/18      Speeches: Engineers Pipeline - Yesterdays, Today, and Tomorrow, Construction Personal Executives Group, Bethesda, Maryland, April 18, 1989
- box 11/19      Speeches: Supply and Demand for Scientists and Engineers in R and D, Oakland, California, May 9, 1989
- box 11/20      Speeches: The World That Was, Is, and Will Be In Science Education, Wisconsin Science Education Conference, Madison, Wisconsin, June 8, 1989
- box 11/21      Speeches: Supply and Demand for Technical Personnel in the 1990's, NRC, Dayton, Ohio, June 20, 1989
- box 11/22      Speeches: Women Visiting Scientists, National Science Foundation, June 21, 1989
- box 11/23      Speeches: Panel on National Science Foundation (NSF) Plans for the Coming Five Years Development of Human Resources, Johns Hopkins Applied Research Lab, Columbia, Maryland, June 22, 1989
- box 11/24      Speeches: United States Demographics: Impact on Supply and Demand of College Graduates in Science and Engineering, General Electric, Crotonville, New York, June 26, 1989

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- box 11/25      Speeches: Women in Science - What Are the Numbers Saying?  
Smith College, Southampton, Massachusetts, June 27, 1989
- box 11/26      Speeches: Educating Women and Minorities for Tomorrow's  
Workforce, presentation to the Faculty at Sonoma State University,  
Rohnert Park, California, August 28, 1989
- box 11/27      Speeches: Recruiting Minorities in Science and Engineering in 2000,  
Minority Recruiting Institute, University of Cincinnati, Ohio, August 1,  
1989
- box 11/28      Speeches: Impact of Changing Demographics of the Supply of  
College Graduates in Science and Engineering, General Motors,  
Detroit, Michigan, August 30, 1989
- box 11/29      Speeches: American Minorities in Science and Engineering  
Commission on Professionals in Science and Technology,  
Washington, D.C., September 1989
- box 11/30      Speeches: Market for New Graduates in Engineering in the 1990's,  
United Technologies, Hartford, Connecticut, September 7, 1989
- box 11/31      Speeches: Progress and Problems of Women in Science in the  
United States, GASAT-5, Israel, September 16-25, 1989
- box 11/32      Speeches: Look Who's Coming to School? S/D in the 1990's, Alpha  
Chi Omega, American University, Washington, D.C., October 20,  
1989
- box 11/33      Speeches: Women in Science - Progress and Problems, Penn State  
University, University Park, Pennsylvania, November 30, 1989
- box 12/1        Speeches: The Status of Women and Minorities in Science,  
Louisiana Conference on Women and Minorities in Science and  
Math, New Orleans, Louisiana, January 9, 1990



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- box 12/2      Speeches: Women and Minorities in Science - A Status Report, Committee on Equal Opportunities in Science and Engineering (CEOSE), January 25, 1990
- box 12/3      Speeches: Minorities in Engineering and Related Fields: Progress and Problems, NAMEPA, Oakland, California, February 14, 1990
- box 12/4      Speeches: Employment Trends in Science and Engineering, Commission on Professionals in Science and Technology (CPST) Symposium, March 15-16, 1990
- box 12/5      Speeches: Women Graduate Students in Engineering and the Physical Sciences, University of California Seminar, Berkeley, California, March 16, 1990
- box 12/6      Speeches: Science and Math Education: Who is in the Pipeline, American Association for the Advancement of Science (AAAS) Science and Technology Policy Colloquium, April 13, 1990
- box 12/7      Speeches: Supply and Demand for Engineers in the 1990's: What We Think - What We Think We Know/What We think About Demand, and Think We Know About Supply of Engineers in the 1990's, American Society of Civil Engineers (ASCE), Las Vegas, Nevada, April 18, 1990
- box 12/8      Speeches: Supply of Scientists for the 21<sup>st</sup> Century, American Chemical Society, Boston, Massachusetts, April 22, 1990
- box 12/9      Speeches: The Changing Face of Higher Education: What It Means for Science and Engineering, California State University System, Long Beach, California, May 24, 1990
- box 12/10      Speeches: Women Graduate Students in Engineering, Commission on Professionals in Science and Technology, Washington, D.C., May 30, 1990

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- box 12/11      Speeches: Look Who's Coming to School! What It Means For Science and Engineering, Cray Academy, Chippewa Falls, Wisconsin, July 30, 1990
- box 12/12      Speeches: Recruiting Doctoral Scientists for the 21<sup>st</sup> Century, Shell Development Company, Houston, Texas, September 10, 1990
- box 12/13      Speeches: Supply and Demand for Engineers: The Future, National Society of Professional Engineers, Arlington, Virginia, October 12, 1990
- box 12/14      Speeches: Women in Mathematics - Based Fields: A Progress Report, CASET, Houston, Texas, October 15, 1990
- box 12/14      Speeches: The Next Generation of Biomedical Scientists - How Many? How Good? AAMC, San Francisco, California, October 21, 1990
- box 12/15      Speeches: Recruiting Doctoral Scientists for the 21<sup>st</sup> Century, National Science Foundation, November 6, 1990
- box 12/16      Speeches: Aluminum Company of America Conference and correspondence with Vetter, Knoxville, Tennessee, May 1, 1991
- box 12/17      Speeches: Engineers in America's Future: Shortage or Surplus? Commission on Professionals, Washington, D.C., September 16, 1991
- box 12/18      Speeches: The Changing Demographics: Leading to Diversity in the Engineering Students Pipeline, Cray Research, Inc., Minneapolis, Minnesota, October 3, 1991
- box 12/19      Speeches: Human Resources in Computer Science and Technology: Comparison on Data Resources and Data, Computer Science and Technology Workshop, Irvine, California, October 28-29, 1991

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- box 12/20      Speeches: Human Resources in Computer Science and Technology: Comparison of Data Resources and Data, Computer Science and Technology Workshop, Irvine, California, October 28-29, 1991, Draft written 9-17-91
- box 12/21      Speeches: Changing Demographics for Engineering Education, World Trade Center, New York City, New York, November 21, 1991
- box 12/22      Speeches: Demographics Affecting the Scientific, Engineering, and Technical Workforce of the Future, Workforce 2000 Conference, Livermore, California, January 13, 1992
- box 12/23      Speeches: Women and Minorities in Science and Engineering - Where Are They? National Science Foundation (NSF), Washington, D.C., January 17, 1992
- box 12/24      Speeches: Demographics Affecting the Scientific, Engineering, and Technical Workforce of the Future, Martin Luther King Jr. Conference, Ann Arbor, Michigan, January 20, 1992
- box 12/25      Speeches: Who Will Lead the World? Founders' Day Address at Illinois Wesleyan University, Bloomington, Illinois, February 19, 1992
- box 12/26      Speeches: Tomorrow's Workforce - Who Are They? Symposium: Human Resources in Science and Technology, Washington, D.C., March 26, 1992
- box 12/27      Speeches: Affirmative Action Education - Notre Dame University, Notre Dame, Indiana, April 1, 1992
- box 12/28      Speeches: Diversity in the Engineering Environment, Commission on Professionals in Science and Technology, Washington, D.C., June 1, 1992
- box 12/29      Speeches: Connect with the Future - The Way It Will Be, AT&T Recruiting Conference, New Brunswick, New Jersey, August 19, 1992

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- box 12/30      Speeches: Women in Science and Engineering: A Progress Report, published in *MOSA/C*, National Science Foundation, Fall 1992
- box 12/31      Speeches: Supply and Demand for Scientists and Engineers, The Challenge P and G Recruiting Conference - Celebration and Challenge, Cincinnati, Ohio, September 9, 1992
- box 12/32      Speeches: Status of Women in Science: Mentors Needed, sent to the Commission on Professionals in Science and Technology, September 10, 1992
- box 12/33      Speeches: Educating Tomorrow's Engineers: K-12, Society of Petroleum Engineers, Washington, D.C., October 5, 1992
- box 12/34      Speeches: Mobil - Remarks, Fairfax, Virginia, October, 1992
- box 12/35      Speeches: Pipeline Issues and National Needs, National Conference on Women in Math, Science, and Engineering, Women's College Coalition and American Association for the Advancement of Science (AAAS), Trinity College, November 13, 1992
- box 12/36      Speeches: Women in Science and Engineering; Women in Math-Based Fields; Look Who's Coming to School; Women in Science and Engineering: Class of Women Students, Iowa State University, Ames, Iowa, December 1, 1992
- box 12/37      Speeches: "Women in Science: To Be or Not To Be", conference on Preparing Girls for the Technological Future, Iowa State University, Ames, Iowa, December 2, 1992
- box 13/1        Speeches: Setting the Records Straight in Perspective, Commission on Professionals in Science and Technology, Washington, D.C., January 1993
- box 13/2        Speeches: Status of Women in Science: Mentoring Program for Women in Physiology, New Orleans, Louisiana, March 28, 1993

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- box 13/4      Speeches: Exploring the Corporate Climate for Women Engineers, Commission on Professionals in Science and Technology, Washington, D.C., May 25-26, 1993
- box 13/5      Speeches: Women in Engineering Workforce: Progress in Century I, Commission on Professionals in Science and Technology, Washington, D.C., June 1993
- box 13/6      Speeches: Bridging the Gender Gap, National American Council for Minorities in Engineering, Inc. (NACME), Washington, D.C., June 3, 1993
- box 13/7      Speeches: Tomorrow's Workforce: What Should it Look Like? American Chemical Society (ACS) Corporate Associates Conference, Chicago Illinois, August 24, 1993
- box 13/8      Speeches: Committee on Women in Science and Engineering, Planning Group on Minority Women in Science, Engineering, and Health Care Professionals, January 18-19, 1994
- box 13/9      Speeches: Status of Women in the United States, American Association for the Advancement of Science (AAAS) Science Linkages in the Community Project, February 1994
- box 13/10      Speeches: Status of Hispanics in the United States, American Association for the Advancement of Science (AAAS) Science Linkages in the Community Project, February 1994
- box 13/11      Speeches: Status of African Americans in the United States, American Association for the Advancement of Science (AAAS) Science Linkage in the Community Projects, February 1994
- box 13/12      Speeches: Changes in the Company of the Work Force, Commission on Professionals in Science and Technology (CPST), March 3, 1994
- box 13/13      Speeches: Status of Women Scientists and Engineers in the United States, American Association for the Advancement of Science (AAAS) Science Linkage in the Community Project, April 1994

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- box 13/14      Speeches: Status of Persons with Disabilities in Science and Engineering in the United States, American Association for the Advancement of Science (AAAS) Science and Engineering in the United States, American Association for the Advancement of Science (AAAS) Science Linkage in the Community Project, April 1994
- box 13/15      Speeches: Status of American Indians in the United States, American Association for the Advancement of Science (AAAS) Science Linkage in the Community Projects, April 1, 1994
- box 13/16      Speeches: Women in the Engineering Workforce: Progress in Century I, WEPAN, Washington, D.C., June 5, 1994

**Series 9      Congressional Testimony**

extent:          0.40 linear feet (13 folders)

description:    Contains Vetter's testimonies before the United States House and United States Senate on science, technology, and education in the United States.

- box 14/1      Testimonies: Vetter's Statement before the Subcommittee on Health and Scientific Research, Committee on Labor and Human Resources of the United States Senate on S-568, "Women in Science and Technology Act," March 3, 1980
- box 14/2      Testimonies: Testimony and Statement before the Subcommittee on Economic Stabilization of the House Banking Committee, July 24, 1981
- box 14/3      Testimonies: Statement before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology and the Task Force on Education and Employment of the Budget Committee, United States House of Representatives, June 9, 1983

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- box 14/4 Testimonies: Statement before the United States House of Representatives, oral presentation and written, "Supply and Demand for Science and Math Teachers," February 8-10, 1983
- box 14/5 Testimonies: An Agenda for a Study of Government Science Policy, report presented to the Committee on Science and Technology, United States House of Representatives, 1985
- box 14/6 Testimonies: Statement before the Science Policy Task Force of the Committee on Science and Technology, United States House of Representatives, July 24, 1985
- box 14/7 Testimonies: Two statements before the Joint Economic Committee, Congress of the United States, December 11, 1987
- box 14/8 Testimonies: Statement before the Committee on Government Affairs, United States Senate, Dirksen Senate Office Building, November 9, 1989
- box 14/9 Testimonies: Legislative breakfast remarks; opportunities for women in science; "The Problem: View From the Nation," Iowa Governor's Conference on Women and Minorities in Science and Math, Des Moines, Iowa, January 18, 1990
- box 14/10 Testimonies: Women in Engineering Education, NCR Board on Engineering Education, Washington, D.C., September 10, 1992; correspondence, and Board on Engineering Education Final Agenda.
- box 14/11 Testimonies: Barriers to Women in the Science and Engineering Workforce, testimony prepared for the Subcommittee on Employment Opportunities of the House Committee on Education and Labor, June 22, 1992
- box 14/12 Testimonies: Data Bases Delineating the Participation of Women and Minorities in Engineering Education, National Research Council Board on Engineering Education, August 14, 1992

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box 14/13 Testimonies: Science and Mathematics Preparation of Teachers, National Conference on Diversity in the Scientific and Technology Workforce, Hearing III, October 29, 1993

**Series 10 Creative Writing**

extent 0.02 linear feet (3 folders)

description Vetter's creative writing; includes fiction and poetry.

box 14/14 Creative Writing: Stories, n.d.

box 14/15 Creative Writing: Poems 1, n.d.

box 14/16 Creative Writing: Poems 2, 1944-1946

**Series 11 Media**

extent 0.21 linear feet (1 half size manuscript box)

description Contains one videotape and two audiotapes. One audiotape is a recording of Ms. Vetter's memories. The other two items are recordings of speeches that she made.

box 15/1 Media: Biographical Information – Memories

box 15/2 Media: Professional Activities – Opportunities in Science and Engineering, n.d.

box 15/3 Media: Professional Activities – “Defining the Issue,” n.d.

**Series 12 Scrapbooks and Photographs**

extent 2.01 linear feet (two 20” oversize boxes, two 17” oversize boxes, and one large photograph box)

description Contains photo albums of Ms. Vetter's theatrical pursuits, Navy life and school activities, scrapbooks with photographic illustration and loose family photographs.

box 16/1 Scrapbooks and Photographs: Family photographs, 1896-1994



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box 17/1	Scrapbooks and Photographs: Drama Clips, 1946-1948
box 17/2	Scrapbooks and Photographs: Drama Clips, 1948-1950
box 18/1	Scrapbooks and Photographs: School/Life, 1936-1941
box 18/2	Scrapbooks and Photographs: School/Life, 1939-1944
box 19/1	Scrapbooks and Photographs: School/Life, 1945-1948
box 19/2	Scrapbooks and Photographs: School/Life, 1950-1951
box 20/1	Scrapbooks and Photographs: Scrapbook, 1938-1948
box 20/2	Scrapbooks and Photographs: Scrapbook, 1951-1970