

# Family Resource Management Research: 1930-1990

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This paper reviews a sample of family resource management research published between 1930 to 1990. Specific attention is paid to the chronological development of financial and human/household research topics over the 60 year period. Societal events in the United States which influenced empirical research are discussed. Suggestions for future research are made.

KEY WORDS: research, historical, finance

Research within the discipline of family resource management can safely be described as eclectic. The wide variety of research topics within family resource management is more clearly understood when one realizes that the field has been shaped by scholars from different disciplines, including family economics, home management, sociology, psychology, and economics. As suggested by Key and Firebaugh (1989), family resource management "encompasses the efforts of researchers from diverse disciplines during the past century that have focused on the family's access to and allocation of human and material resources". The historical development of *human* and *material* resource research topics within family resource management has been documented (Bryant, 1986; Davis, 1986; Hefferan, 1986; Helmick, 1986; Jensen, 1986; Kinsey, 1986; Nickols, 1986; Pease, 1986; Rettig & Mortenson, 1986).

This paper attempts to build upon previous work by documenting the topical evolution and societal relevance of family resource management research over a 60 year period from 1930 to 1990. Topical evolution refers to chronological development of research topics within family resource management. Societal relevance refers to the association between published research and societal events and conditions.

This review will be particularly useful to those new to the field of family resource management by providing a "bird's eye" view of the field's research history. It will also be of value to seasoned faculty as they discourse with students, review themes in resource management research, and expand on the topics reported and illustrated here.

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It has been suggested that "family resource management as a field of study must become committed to theory-driven programmatic research aimed at solving theoretically and socially relevant issues" (Key and Firebaugh, 1989). In reviewing the evolution of family resource management over the past 60 years, a linkage between empirical research and "socially relevant issues" is revealed. By understanding these linkages in prior decades, researchers can make more informed choices regarding appropriate directions for future research.

### Historical Background

In 1925 an amendment to the Morrill Act expanded the role of State Agricultural Experiment Stations to encompass human resource issues, which included family economics (Hefferan, 1986). With this amendment family resource management research had its formal beginnings. This paper will show that the proliferation of resource management research has reflected the needs, circumstances, and challenges of modern society.

Family resource management research has historically centered on two fundamental themes: financial resources and human/household resources. Specific financial resources research topics have included income and expenditure, impact of women's employment upon family income, financial management, budgeting, debt, saving, financial security and retirement, financial satisfaction, financial support from kin, adolescents and money, determination of living standards, marriage and money issues (resource exchange, conflict over money, marital adjustment and money), economic impact of divorce upon women, and financial decision-making.

The study of human and household resources has historically dealt with topics such as the effect of women's employment upon family life, division of household work between family members, time use/management, household production, household tasks, household satisfaction, household management styles, adolescents and work, and decision-making.

### Research Objective

The sample of 60 years of research reported here had several objectives: (a) to trace the chronological development of family resource management topics from 1930 to 1990 (b) to identify prominent national events, by decade, which appear to have guided and influenced empirical research, and (c) to suggest research potentially of interest in the future.

In keeping with the preceding objectives the following journals were

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reviewed: Journal of Home Economics (1930-1989), Journal of Marriage and the Family (1938-1989), Journal of Consumer Affairs (1967-1989), Home Economics Research Journal (1972-1989), and Journal of Consumer Studies and Home Economics (1977-1989, with the exception of 1979 which was unavailable). Only those articles which were clearly *research-based* (e.g. included a review of literature, suitable research methodology with an appropriate sample, and discussion of findings) are included in this review.

Omitted from this study is a body of literature which does not generally focus specifically on *family* resource management issues, such as journals of business management, finance, and economics. Also absent from this paper is a large amount of family resource management research published in conference proceedings (such as American Council on Consumer Interests, Association for Financial Counseling and Planning Education, and the Southeastern and Western Regional Family Economics/Home Management research groups), Agricultural Experiment Station bulletins, and Cooperative Extension Service publications.

Unlike major journals, many conference proceedings, Experiment Station bulletins, and Extension Service publications are not widely disseminated to libraries, posing a problem for researchers and students wishing to access them. It was determined that, except for the '30s and '40s, a representative sample of research topics would be achieved by reviewing five major journals utilized by resource management scholars.

### Review of Family Resource Management Research 1930 to 1990

A total of 201 family resource management research articles were identified in the five selected journals between 1930 and 1990, representing a reliable sample of family resource management research rather than an exhaustive list of the entire body of family resource management literature. Of the 201 articles published, 113 dealt specifically with financial resources, and 88 examined human/household resource topics. The author believes the substantive research topic areas within family resource management are well represented in this sample of published articles.

Prominent research topics (Table 1) during the 60 year period included (number of published articles in parenthesis): impact of women's employment upon family life (14) and upon family income and expenditure (13), time usage/management (19), income and expenditure (17), division of household work between family members (16), adolescents and money use (14), financial management (14), housing (10), household production (10), financial security and retirement (8), household tasks (7), adolescent participation in household work and market employment (7), marriage and money topics (6), household management (5), saving (5), debt (5), and

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decision-making (5). (See Appendix A for a topical listing of financial resource articles and Appendix B for a topical listing of human/household resource articles).

It is useful for scholars and students of family resource management to have an understanding of prominent research topics in past decades. However, it is more useful to know *when* particular research topics became of interest and *how long* they were/have been studied. There are two reasons why this information is helpful. First, a historical perspective of the topical chronology of research brings coherence to a body of literature which could otherwise appear rather disjointed. Second, understanding when specific research topics became of empirical interest helps pinpoint the societal events and conditions prompting such research. A chronological understanding of research history helps answer not only the question of *what* has been studied in the past, but also *when* and *why* it was of interest to researchers. The next section deals with both issues by presenting a 60 year chronology of family resource management research topics.

### Topical Chronology of Research

Tracing the chronology of family resource management research topics yields useful insights into the historical development of scholarly research. Viewing research chronologically isolates topics which have been of interest over a sustained period of time, as compared with topics which have been studied for shorter durations. Figure 1 shows a 60 year chronology of financial research topics. As can be seen in Figure 1, research about family income and

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Table 1  
Family Resource Management Research Topics: 1930 to 1990

Topic	Published Research Articles*	
Women's employment	27	
Time usage/management	19	
Income/expenditure		17
Division of housework	16	
Adolescents and money	14	
Financial management	14	
Housing	10	
Household production	10	
Financial security/retirement	8	
Household tasks	7	
Adolescents and work	7	
Money and marriage/divorce	6	
Household management	5	
Saving	5	
Debt	5	
Decision-making	5	
Budgeting		3
Financial satisfaction		3
Financial support from kin	3	
Insurance		3
Family interaction/policies	2	
Financial assessment		2
Household satisfaction	2	
Human capital investment	2	
Living standards	2	
Financial impact of children	1	
Leisure	1	
Net worth		1
Finances and women	1	
Total	201	

\* In the following journals: *Journal of Home Economics*, *Journal of Marriage and the Family*, *Journal of Consumer Affairs*, *Home Economics Research Journal*, and *Journal of Consumer Studies and Home Economics*.

and expenditure patterns has been a topic of research interest over the entire 6 decade period. Other financial resource topics, such as living standards, kin support, and financial satisfaction, have been of interest for shorter time periods. Financial topics of most recent interest include studies of financial satisfaction, financial management, housing (particularly energy conservation), adolescents and money usage, and income and expenditure.

A 60 year chronology of human and household resource research topics is shown in Figure 2. Human resources research began to appear in journals during the fifties, beginning with studies of household production

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by farm families, family decision-making, time spent by homemakers in household activities, and division of labor in rural and urban families. Human and household topics currently of research interest include adolescent participation in household work and paid market employment, women's employment, division of household work between family members, time usage and management, decision-making, and household production.

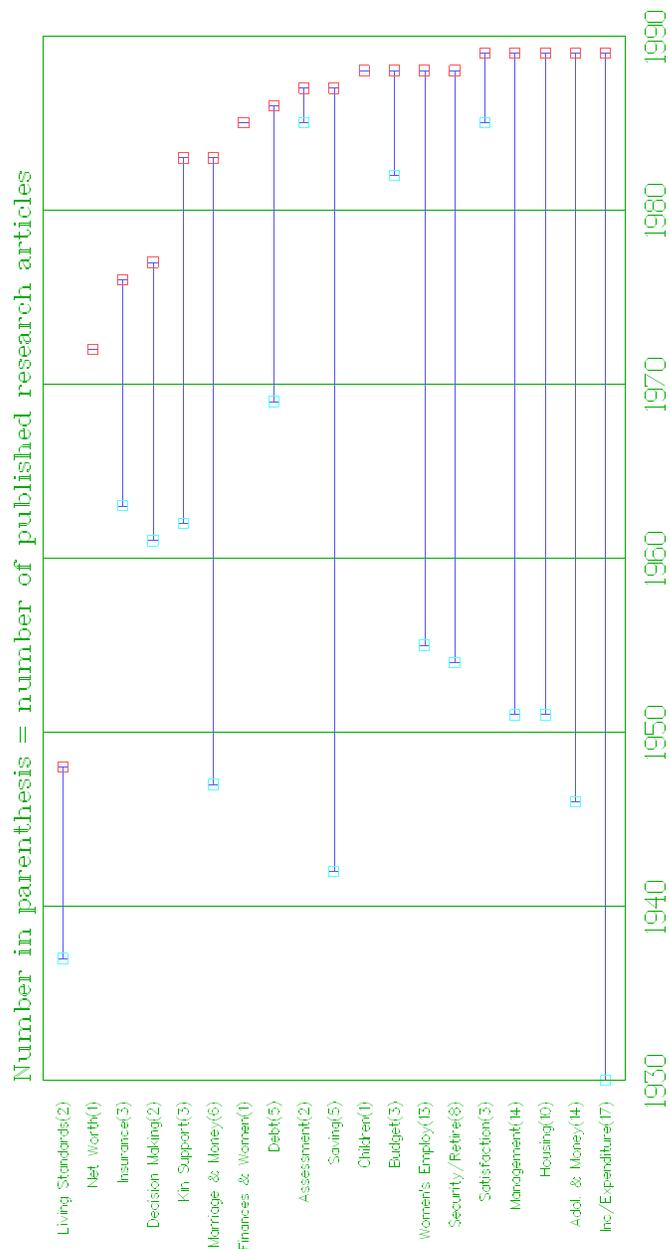
Throughout the 20th century, societal events have had a significant impact upon the type of research conducted by family resource management scholars. Hefferan (1986) has suggested that "human resources research is inextricably tied to economics and social conditions". This view is expanded upon in the following section.

### Societal Influence Upon Family Resource Management Research

During the decade of the '30s the Great Depression focused research attention upon income and expenditure, financial management, and living standards (Table 2). The impact of the economic depression upon families was staggering. Between 1929 and 1933 average family income in America declined 40%. In 1932, approximately 28% of the households in America were without a wage earner, representing 34 million men, women and children. (Mintz and Kellogg, 1988, p. 134).

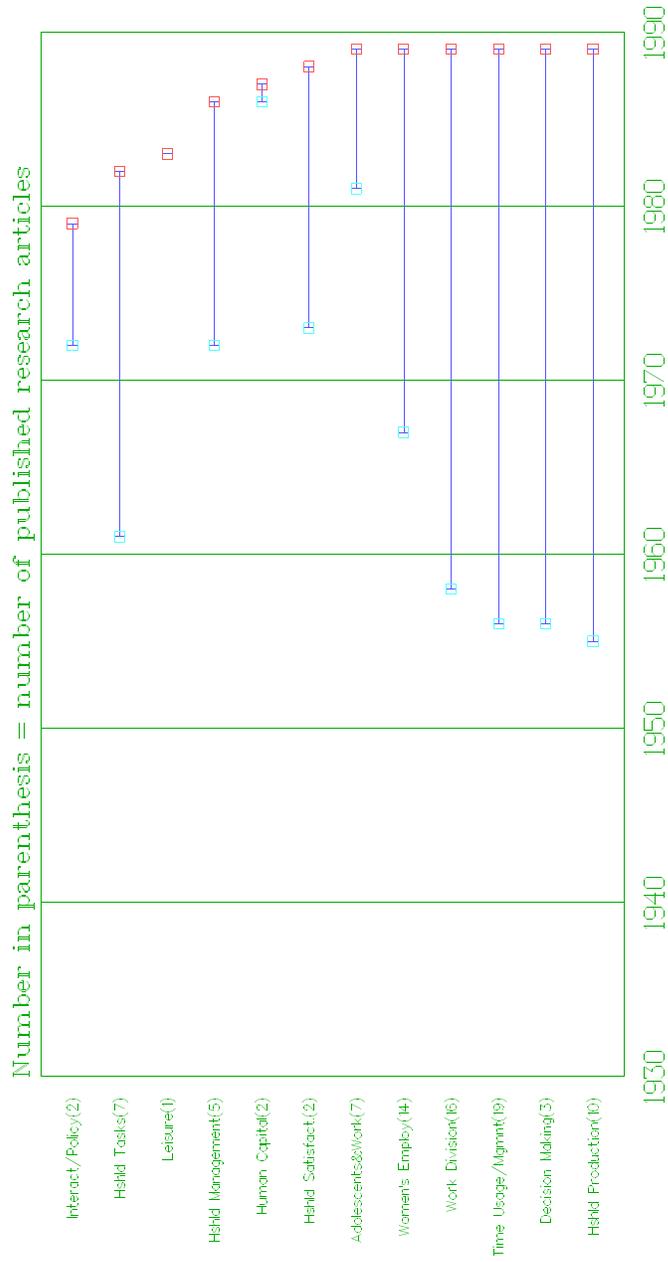
Unlike later decades, much of the research in the '30s and '40s was descriptive, rather than quantitative. Nevertheless, it was "driven primarily by social, economic, and environmental conditions" (Key and Firebaugh, 1989). From over 30 articles identified in the '30s which dealt with family resource management issues, only four articles published in the Journal of Home Economics were based upon quantitative research. The number of articles found in the Journal of Home Economics and Journal of Marriage and the Family (titled Marriage and Family Living prior to 1964)

Figure 1.  
Chronology of Financial Research Topics: 1930–1990



Horizontal lines indicate time frame in which articles were published

**Figure 2.**  
**Chronology of Human and Household Research Topics: 1930–1990**



Horizontal lines indicate time frame in which articles were published

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during the '30s and '40s is not an accurate representation of the amount of research published inasmuch as many scholars chose to report their research via Experiment Station bulletins or in other journals (e.g. Family, Social Science Review, Sociology and Social Research, American Journal of Sociology, American Statistical Association, Journal of Educational Psychology).

During the '40s, shortages of consumer durables caused by World War II kept family resource management scholars' research attention focused upon consumer expenditure patterns and living standards. The war effort also initiated research interest on consumer savings rates. During this time period the government sold war bonds to reduce demand for consumer durables. In effect, the government attempted to redirect consumer expenditures from consumption to saving. As a result, the aggregate consumer savings rate was of interest to researchers.

In the decade of the '50s, research concerning financial management and time usage/management reflected the demands and opportunities faced by families in an expanding national economy. Research about income and expenditure patterns also remained of interest. Following the Korean War there was a boom in the production of capital goods in the United States. This increase in the production of consumer goods and services presented families with the "problem" of choosing--a problem much less common during World War II when consumer goods were in scarce supply.

The decade of the '60s was dominated by four research areas, adolescents and money use, financial security/retirement planning, women's employment, and financial management. The large number of studies investigating the use of money by adolescents is likely due to the fact that children born at the beginning of the "baby boom" were teenagers in the '60s. In 1967, 25 million teenagers in the United States between the ages of 13 and 19 spent over 11 billion dollars on goods and services (Zunich and Fults, 1967). Large numbers of teens, coupled with a growing national economy, created a situation in which a large amount of money was going through teenagers' hands. The topic of women's employment also became more visible in the '60s as the national divorce rate increased and other social factors contributed to an increasing number of women entering the labor market.

Research regarding the economic and familial impact of women's employment continued into the '70s. During this decade research concerning the division of household work between spouses began to appear, reflecting a growing

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Table 2  
Family Resource Management Research Topics by Decade

Decade	Published Articles*	Prominent Topics
1930	4	Income/Expenditure Financial Management Living Standards
1940	6	Income/Expenditure Living Standards Saving
1950	17	Income/Expenditure Financial Management Time Usage/Management
1960	29	Adolescents & Money Fin. Security/Retirement Women's Employment Financial Management
1970	33	Women's Employment Household Tasks Income/Expenditure Division of Housework
1980	112	Women's Employment Time Usage/Management Division of Housework Household Production Housing Financial Management Adolescents & Work

\* In the following journals: *Journal of Home Economics*, *Journal of Marriage and the Family*, *Journal of Consumer Affairs*, *Home Economics Research Journal*, and *Journal of Consumer Studies and Home Economics*.

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feminist perspective. Several studies dealt with household tasks in terms of task complexity, task preference, affective dimensions of household tasks, and the economic value of homemakers' work in the home. This latter area of study reflected an awareness in the '70s that the amount, value, and contribution of women's work in the home was often underestimated.

In the '80s, studies of women's employment, time usage/management, and division of household work between spouses represented almost 40% of the research articles reviewed. The emphasis upon family task sharing (division of household work) is very likely due to traditional gender roles being called into question by a growing body of feminist literature, converging work roles of men and women, a steady increase in the number of two-earner families, changing employment options (such as flextime or a four day work week), an increase in the number and variety of home appliances, and a lessening of traditional sex stereotypes in society.

Time use/management studies also increased in number during the '80s, reflecting the value placed upon time in an increasingly management-oriented society. Women's employment continued as a dominant research theme in response to an increasing number of women entering the work force. In 1950, approximately 25% of married women worked outside the home. In 1988, over 60% of married women worked outside the home. The percentage of working mothers likewise increased. In 1950, 12% of mothers with school age children worked outside the home. In 1988, over 50% of mothers with school age children worked full or part-time (Mintz and Kellogg, 1988).

Household production was of interest to researchers in the '80s, perhaps in recognition of the fact that families are not solely consumers, and that the social and economic value of production within the home has long been ignored, or at least under-valued. Housing research during the '80s was likely prompted by dramatic real estate inflation in many parts of the United States, increasing energy costs, and a heightened sensitivity towards natural resource conservation. Research about adolescents and work began in earnest during the '80s, possibly due to a concern that as the number of single-parent families increases the nature of children's household work and family responsibilities could change.

### Suggestions for Future Research

Attempting to forecast the future direction and focus of family resource management research is challenging. It is reasonable to assume that, as in past decades, family resource management research will continue to be sensitive to national economic conditions, changing technologies, and dynamic societal trends which influence the stewardship and management of human and financial resources.

Inasmuch as "human resources research is inextricably tied to economics and social conditions" (Hefferan, 1986), it necessarily follows that any attempt to forecast the nature of family resource management research during the next decade is also an attempt to forecast economic and social conditions. Understanding the linkage historically between economic and social conditions and the evolution of family resource management research aids in this process.

Three prominent research topics since 1930 (women's employment, household time usage/management, and division of household work) are clearly correlated to a steadily increasing percentage of married women entering the labor market. It appears, at this point, that the trend towards dual career/dual earner households will continue. As a result, research concerning women's employment, time usage/management, and work division within the home will likely remain of interest in the future.

Other areas of research interest will likely center around a continually expanding and increasingly sophisticated economy. Such research topics might include: retirement planning within single-parent households; employment opportunities for adolescents in an

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increasingly service-oriented economy; insurance planning and alternative health maintenance/protection plans; social, economic, and familial consequences of flexible employee benefit plans and work hours; financial and social impact of increased public involvement in child rearing; and the costs and benefits of increased computer usage within the home.

Much of the research during the next decade will build upon the base of research already established. Researchers will likely explore in more depth issues such as the financial impact of divorce upon women and children; family use of leisure time; involvement of women in financial planning and management; family policies and traditions and their impact upon family stability; and variables associated with successful debt repayment, budgeting, and the economic roles of kin.

### Conclusion

Resource management issues in the public and private spheres will become increasingly visible, both politically and socially, in succeeding decades. Appropriately managing resources, some of which are relatively scarce, represents a global challenge to present and future generations. As suggested by Deacon and Firebaugh (1981), "family resource management merits close consideration as a basis for the well being of any society or nation".

Understanding the evolution of family resource management research topics over the past six decades enables family resource management scholars to better understand the linkage between societal concerns and scholarly research. Such an understanding can assist researchers today in targeting their research efforts towards socially relevant issues--issues which are often central to the well being of our society.

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Appendix A

Financial Resources Research Topics - 1930 to 1990

Year	First Author	Research Topic	Reference
1946	Prevey	Adolescents & Money	JHE,38,79-81
1956	Dunsing	Adolescents & Money	JHE,48,405
1960	Dunsing	Adolescents & Money	JHE,52,756-759
1960	Rogerson	Adolescents & Money	JHE,52,44-45
1963	Clare	Adolescents & Money	JHE,55,124-126
1965	Herrmann	Adolescents & Money	JMF,27,89-91
1966	Zunich	Adolescents & Money	JHE,58,483-484
1967	Fults	Adolescents & Money	JHE,59,45-47
1967	Zunich	Adolescents & Money	JHE,59,739
1969	Phelan	Adolescents & Money	JHE,61,104-109
1978	Langrehr	Adolescents & Money	JCSHE,2,161-174 1978
Turner		Adolescents & Money	JCA,12,266-276 1980
Moschis		Adolescents & Money	HERJ,9,64-71 1989 Ozgen
		Adolescents & Money	JCSHE,13,175-187 1985 Rowland Assessment
		Adolescents & Money	HERJ,14,218-225 1987 Wilhelm Assessment
HERJ,16,13-22		1982 Mullis	Budget
JCSHE,6,113-120		1987 Beutler	Budget
HERJ,16,3-12		1988 Poduska	Budget
		1988 Douthitt Children	JCA,22,220-245 1969 Ryan
		Debt	JCA,3,107-126
1978	Kinsey	Debt	JCA,12,48-62
1978	Wright	Debt	JHE,70,38-39
1981	Marlowe	Debt	HERJ,9,382-389 1986
Bryant		Debt	JCA,20,19-35 1961
Schomaker		Decision-making	JHE,55,214
1977	Gladhart	Decision-making	JCSHE,1,265-277 1976 House
		Divorce	JHE,68,36-38 1985 Scholl
Finances and Women		HERJ,14,208-217	1951 Freeman Housing
JHE,43,259-262		1979 Hogan	Housing
HERJ,7,210-218		1980 Winter	Housing
		1981 Meeks	Housing
		1981 Guthrie	Housing
		1981 Housing	JCSHE,7,307-319 1985 Chen
		1986 Housing	JCA,19,37-55 1985 Urich
		1986 Housing	JCSHE,9,161-172 1986 Brandt
HERJ,14,280-293		1989 Roper	Housing
1989	Turner	Housing	JCSHE,13,237-245
1989	Turner	Housing	JCSHE,13,219-235
1930	Clark	Income/Expenditure	JHE,22,653-656
1933	Saffian	Income/Expenditure	JHE,25,563-566
1943	Freeman	Income/Expenditure	JHE,35,346-348 1949
Coles		Income/Expenditure	JHE,41,193-194 1950
Converse		Income/Expenditure	JHE,42,634-636 1955 Merriam
Income/Expenditure		JHE,47,330-332	1959 Millican Income/Expenditure
JHE,51,177-181		1968 Bymers	Income/Expenditure
JHE,60,9,709-715		1972 Morrison	Income/Expenditure
		1977 Hager	Income/Expenditure
		1978 Winakor	Income/Expenditure
		1982 Abdel-Ghany	Income/Expenditure
		1985 Income/Expenditure	JCSHE,6,21-28 Horton
		1986 Income/Expenditure	HERJ,13,292-303 Wagner
		1988 Income/Expenditure	HERJ,15,21-31 Wagner
		1989 Income/Expenditure	JCSHE,12,373-387 Nelson
		1989 Income/Expenditure	JCA,23,21-44 Winakor
		1989 Income/Expenditure	HERJ,17,195-214 White
		1963 JHE,55,9,707-714	1974 Maynes Insurance
		1974 JCA,8,37-60	1976 Geistfeld Insurance
		1976 Clark	Kin Support
		1982	JCA,10,224-232 1962
		1982	JHE,54,3,229-230 1982

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Kennedy	Kin Support		JMF,44,311-317	1983	Cheal
	Kin Support		JMF,45,805-812	1937	Monroe
Living Standards	JHE,29,665-670	1948	MacNaughton		Living
Standards	JHE,40,133-134	1951	Thorpe		Management
	JMF,13,104-6,130	1953	Pecheniuk		Management
JHE,45,187-190	1959		Wells		Management
JHE,51,439-444	1960		Manning		Management
JHE,52,274-275	1964		Gover		Management
JMF,26,231-233	1968		Downs		Management
JHE,60,737-738	1978		Arndt		Management
JCSHE,2,27-34	1983		Heck		Management
JCSHE,7,271-285	1983		Schnittgrund		Management
JCSHE,7,261-270	1985		Berger		Management
JCSHE,9,185-205	1986		Godwin		Management
JCSHE,10,77-96	1986		Iams		Management
JHE,78,48-50	1987		Hira		Management
JHE,79,19-22	1989		Johnson		Management
HERJ,17,241-252	1947		Landis		Marital Adjustment JMF,9,32-34
1952	Williamson		Marital Adjustment	JMF,14,298-301	1984
Williams	Marital Conflict		JCSHE,8,33-53	1986	Schaninger
	Marital Conflict		JMF,48,129-136	1983	Rettig
Marital Exchange	JMF,45,497-509	1972	Williams		Net Worth
HERJ,1,104-113	1985		Davis		Satisfaction
HERJ,14,123-131	1987		Davis		Satisfaction
HERJ,15,247-256	1989		Titus		Satisfaction
HERJ,17,309-318	1942		Monroe		Saving
JHE,34,659-661	1950		Liston		Saving
JHE,42,439-441	1972		Rudd		Saving
JCA,6,35-46					
1982	Hefferan	Saving		HERJ,11,47-55	1987
Hira		Saving		JCSHE,11,183-194	1954
Smith		Security/Retirement		JMF,16,36-40	1960
Cowles		Security/Retirement		JHE,52,99-102	1960
Kundak		Security/Retirement		JHE,52,370-371	1961
Larery		Security/Retirement		JHE,55,214	
1962	Morse	Security/Retirement		JHE,54,8,711-713	
1963	Guthrie	Security/Retirement		JHE,55,274-275	
1965	Lomberg	Security/Retirement		JHE,57,2,123-128	1988
McKenna	Security/Retirement		HERJ,17,153-164	1931	Whittemore
	Women's Employment		JHE,23,998-1001		
1955	Knoll	Women's Employment		JHE,47,323-329	
1960	Anderson	Women's Employment		JHE,52,6,452-455	
1963	Rollins	Women's Employment		JMF,25,226	
1964	Caudle	Women's Employment		JHE,56,723-727	
1965	Hafstrom	Women's Employment		JMF,27,403-409	1975
Metzen		Women's Employment		HERJ,3,249-259	1980
Gordon		Women's Employment		JMF,42,327-336	1981
Foster		Women's Employment		HERJ,10,192-201	1981
Foster		Women's Employment		JCSHE,5,115-124	1981
Foster		Women's Employment		JCSHE,5,23-36	1988
Foster		Women's Employment		JCSHE,12,15-27	1988
Terzioglu	Women's Employment		JCSHE,12,341-348		

113 Published research articles  
Reference Legend:

HERJ: Home Economics Research Journal  
JCA: Journal of Consumer Affairs  
JCSHE: Journal of Consumer Studies and Home Economics

JHE: Journal of Home Economics  
JMF: Journal of Marriage and the Family

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Appendix B.

Human and Household Resources Research Topics - 1930 to 1990

Year	First Author	Research Topic	Reference
1981	Helmick	Adolescents & Work	HERJ,10,21-31
1981	White	Adolescents & Work	JMF,43,789-798
1983	Lawrence	Adolescents & Work	HERJ,12,199-205
1986	Sanik	Adolescents & Work	JCSHE,10,209-219
1988	Lovett	Adolescents & Work	JCSHE,12,199-204
1988	Lawrence	Adolescents & Work	JCSHE,12,39-47
1989	Swagler	Adolescents & Work	
JCSHE,13,271-283			
1956	Kenkel	Decision-making	JMF,18,311-316
1977	Jeris	Decision-making	HERJ,5,146-153
1989	Godwin	Decision Making	
JMF,51,943-956			
1958	Blood	Division of Housework	JMF,20,170-174
1973	Walker	Division of Housework	JHE,65,7-11
1978	Lovingood	Division of Housework	HERJ,7,20-33
1978	Nickols	Division of Housework	HERJ,7,85-97
1981	Sanik	Division of Housework	HERJ,10,175-180
1983	Abdel-Ghany	Division of Housework	HERJ,12,159-167
1984	Goebel	Division of Housework	JCSHE,8,61-72
1984	Bird	Division of Housework	JMF,46,345-355
1986	Rettig	Division of Housework	JCSHE,10,195-207
1986	Coverman	Division of Housework	JMF,48,413-422
1987	Dolan	Division of Housework	JCSHE,11,387-399
1987	Barnett	Division of Housework	JMF,49,29-40
1987	Berardo	Division of Housework	
JMF,49,381-390			
1987	Rexroat	Division of	
Housework	JMF,49,737-750	Benin	
Division of Housework	JMF,50,349-361	1989	Hardesty
Division of Housework	JMF,51,253-267	1972	Ater
Family Interaction	JMF,34,257-263	1979	Pershing
Family Policies	JMF,41,573,581	1972	Mumaw
Household Management	HERJ,1,35-43	1983	
Heck	Household Management	JCSHE,7,117-135	
1983	Crawford	Household Management	
JCSHE,7,45-58			
1986	Buehler	Household	
Management	HERJ,14,351-362	Garrison	
Household Management	JCSHE,10,247-260	1955	Schlaphoff
Household Production	JHE,47,400-404	1981	Owen
Household Production	JCSHE,5,157-174	1983	Volker
Household Production	HERJ,11,267-279	1983	Sanik
Household Production	HERJ,12,217-227	1983	Henze
Household Production	JCSHE,7,287-298	1987	Norum
Household Production	HERJ,16,143-149	1988	Volker
Household Production	JCSHE,12,321-340		

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1989	Ormsby		Household Production	
JCSHE,13,359-368				
1989	Volker		Household Production	HERJ,18,32-46
1989	Weagley		Household Production	HERJ,18,6-18
1973	Hafstrom		Household Satisfaction	HERJ,2,119-132
1988	Broman		Household Satisfaction	
JMF,50,743-748	1961	Hunter	Household Tasks	
JHE,53,425-427				
1963	Maloch		Household Tasks	JHE,55,413-416
1971	Ronald		Household Tasks	JHE,63,177-179
1975	Steidl		Household Tasks	HERJ,3,223-240
1975	Steidl		Household Tasks	HERJ,4,121-137
1975	Hall		Household Tasks	JHE,67,30-33
1982	Purchase		Household Tasks	JCSHE,6,301-317
1986	Hoeflin		Human Capital	JHE,78,32-45
1987	Zick		Human Capital	JCA,21,21-39
1983	Nickols		Leisure	HERJ,12,189-198
1956	Cowles		Time Use/Management	JHE,48,29-35
1958	Steidl		Time Use/Management	JHE,50,447-450
1970	Hall		Time Use/Management	JHE,62,23-29
1973	Schaurer		Time Use/Management	HERJ,2,82-92
1980	Schnittgrund		Time Use/Management	JCSHE,4,239-248
1981	Matsushima		Time Use/Management	JCSHE,5,199-217
1983	Hafstrom		Time Use/Management	HERJ,11,245-254
1983	Gerner		Time Use/Management	HERJ,12,145-158
1983	Tasker		Time Use/Management	HERJ,12,207-216
1983	Matsushima		Time Use/Management	JCSHE,7,229-246
1984	Schram		Time Use/Management	
JCSHE,8,283-292	1986	Lovingood	Time Use/Management	
HERJ,14,326,335	1986	Rowland	Time Use/Management	
HERJ,15,105-114	1986	Schram	Time	
Use/Management	JCSHE,10,235-245	1987	Blaylock	
Time Use/Management	JCA,21,183-201	1988	Douthitt	
Time Use/Management	JCSHE,12,141-157	1988	Dismukes	
Time Use/Management	JCSHE,12,247-256	1989	Ackerman	
Time Use/Management	JCSHE,13,1-19	1989	Khan	
Time Use/Management	JCSHE,13,67-77	1967	Wenck	
Women's Employment	JHE,59,9,737-738	1970	Williamson	
Women's Employment	JHE,62,609-613	1977	Sailor	
Women's Employment	JHE,69,26-27	1977	Szinovacz	
Women's Employment	JMF,39,781-791	1981	Ortiz	
Women's Employment	HERJ,9,200-206	1982	Goebel	
Women's Employment	JCSHE,6,63-78	1983	Stafford	
Women's Employment	HERJ,11,257-266	1983	Goebel	
Women's Employment	HERJ,12,169-188	1983	Bird	
Women's Employment	HERJ,12,63-70	1984	Maret	
Women's Employment	JMF,46,357-364	1985	Skinner	
Women's Employment	HERJ,13,218-225	1985		
Kingston	Women's Employment	JMF,47,619-625	1989	

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Galambos Women's Employment JMF,51,385-389 1989  
Flöge Women's Employment JMF,51,51-63

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88 Published research articles

Reference Legend:

HERJ: Home Economics Research Journal

JCA: Journal of Consumer Affairs

JCSHE: Journal of Consumer Studies and Home Economics

JHE: Journal of Home Economics

JMF: Journal of Marriage and the Family

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