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Current Employment

Professor of Economics	Research Professor	Research Affiliate
Department of Economics	Survey Research Center	Population Studies Center
The University of Michigan	The University of Michigan	The University of Michigan
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My professorial position has included teaching graduate and undergraduate courses in human resources and labor economics and the Economics Research Seminar for undergraduate majors, and Ph.D. thesis supervision. My teaching duties have previously included lecturing in our macroeconomics and microeconomics principles course. Since 2003, I have been offering, for the undergraduate research seminar, 'Economic Analysis of Relational Panel Data.' This seminar makes use of the on-line Panel Study of Income Dynamics (PSID) archive in the Data Center, and focuses on the formulation of economic and social hypotheses and how to construct files which can be subject to analysis to support of reject the hypotheses. Students learn the implications of relational data structures as part of their acquiring 'numerecy' training.

Research as a Research Professor at the Survey Research Center involves design and management of the PSID as a Co-Principal Investigator. The PSID is a long term panel of U.S. families, funded by the National Science Foundation (NSF). Our proposal for support over the period 1997-2001 was funded in July of 1996. In May of 2000 the PSID was selected as one of NSF's 'Nifty Fifty". These are the 50 projects which the NSF identified as most interesting or signficant in their 50 year history. The PSID was the only social science project to be so designated. As of 2010 we were in the NSF 'Top Sixty'. Our current NSF grant covers the period, 2012-2016. Since 2001 I have been intermittently advising a research team in Israel which, in the Winter of 2009-10, received funding to establish a household panel with design features shared with the PSID. In the winter of 2014 and 2015 I have been working with a team at th National University of Singapore to develop an national panel for Singapore. This is expected to continue for the forthcoming three years. In July of 2010 I presented a paper on the early childhood preferences for healthy physical activity as shaped by the primary caregiver and how these prefernces persist into early adulthood. In a realted project we are looking at the role of electronic media in shaping cognitive skills, incuding iconic cognitive skills (with Joseph Golden). This was presented at the International Association of Time Use Researchers to be held at Oxford University in August of 2011. My main current research are is studing the paths to mortgage distress by American families, 2001-2009 and financial adjustments, including the early cashing in of pensions. This has extended to the analysis of non-pension holdings of stocks, 2007-2009 and now we are planning to assess the dynamics of stock market holdings, 2009-2011 and then to 2013. Current research in this area is listed in the publications section.

As of April 1, 1999, I became principal investigator of a 4 year project funded by the National Institute on Aging (NIA), "Wealth and Health Over the Life Course in the PSID." This project substantially expands the topics studied in the PSID to include pension wealth of families (derived from pension information from their employers), their health conditions, medical care costs, out of pocket medical expenses, and related domains. This work has been extended by a P01 Project (Robert Schoeni, PI) in which I am Principal Investigator of a project on Intergenerational Economics. I served as a Principle Investigator of the Child Development Supplement (CDS) of the PSID, a project funded by the National Institute of Child Health and Human Development. This project, which has been funded (2003-2009), examines the time use patterns of children and their parents (using the Panel Study on Income Dynamics as the sample frame) and the impact of time use on the child's development as well as the labor market careers of the parents.

In February of 2008 we submitted a proposal to NICHD to continue following the children wo have been in the CDS as they migrate to adult roles in a study entitled, Transition to Adulthood (TA). Several waves of TA data have been collected (2005, 2007-08, 2009 and 2011). The data can now be used to address questions of student loan accumulation and impacts of the Great Recession on the migration into adulthood.

Past projects have involved analysis of large-scale, national probability sample study of household time allocation, a study for which I was Project Director and Co-Principal Investigator. The project, funded by the National Science Foundation, was "Time Use -- Social Accounts and Behavioral Models." The objective of the study was to provide data for an expanded set of national accounts and to develop various behavioral models of household time use. The major results of the study have been published in a volume entitled Time Goods and Well-Being co-edited with Tom Juster and which has been recently used for much of the new time use studies in other countries. Many of the findings were incorporated into a chapter on household production by Reuben Gronau in Handbook of Labor Economics, 1987.

A research paper based on this project is entitled, "Women's Work, Sibling Competition and Children's School Performance", published in the American Economic Review, December, 1987. A subsquent effort was a monograph length paper (with Tom Juster) entitled "The Allocation of Time: Empirical Findings, Behavioral Models, and Problems of Measurement," for the Journal of Economic Literature, June, 1991. This paper has been reviewed in the New York Times (December 19, 1990 and used for the Sunday, March 24, 1991 Week in Review), and other places, including Institutional Investor, Business Week and Newsweek. A paper on the effect of habit formation on time use was also presented at the AEA meetings in January, 1993. Recently, Jean Yeung of the National Universt of Singapore and I have been using time diary data to study the distribution of early childhood investment in young children.

From 1993 to 1999 I was involved with a research project for international comparisons of labor market adjustment to demand and supply shifts, with emphasis on those shifts arising from trade and technology. This work, as part of a project with George Johnson, centered on the theoretical and empirical impact of technological diffusion via outsourcing and other diffusion processes on the standard of living of the technology leader. Our results indicate a quite strong effect of the diffusion of technology (in the so-called technology gap model) on the average real wage as the follower countries adopt the technologies of the leader. This is quite surprising. A robust result from our approach is that overall real welfare in the world rises as the technology gap closes. The working papers were presented at Princeton, Amsterdam, Munich, Paris, London, Leuven, New York as well as the American Economics Association in Los Angeles in the Winter of 1993. A summary note was published in the May, 1993 American Economic Review. Part of our findings were incorporated in our chapter, "The Labor Market Implications of International Trade," Handbook of Labor Economics, Volume 3, Edited by O. Ashenfelter and D. Card, Elsevier Science, 1999.

George Johnson and developed several subsequent papers in the area. We have evaluated the role of technology shifts in the Postwar British slowdown along the lines suggested by Hicks (1953). We also wrote on the international aspects of labor standards and the various factors shaping the economic slowdown in the O.E.C.D. countries. The main results were presented at the Schumpeter Society in Stockholm, Sweden in June, 1996 and were published as "Technology Regimes and the Distribution of Real Wages", (with George Johnson), in Microfoundations of Economc Growth: A Schumpeterian Perspective (Christopher Greene and Gunnar Eliasson, eds.) University of Michigan Press, 1998. For 1996-1998 we had a grant from the Alfred P. Sloan Foundation to study the general equilibrium effects of the growth in trade in services. We are extending this line of work to study the market equilibrium effects of educational attainment across cohorts by analyzing the panel earnings growth patterns in the PSID and the Current Population Survey (CPS). We found that for the younger college graduate cohorts, working in a industry defined by the Department of Commerce to be an IT industry is predictive of higher earnings and more rapidly growing earnings.

Research on the study of technological changes and innovation has included work on the machine vision industry and the role of job design on coordination of workflows (published in the Journal of Institutional and Theoretical Economics). My research interests include evaluation of programs in both the public and private sector and competition among firms for critical labor inputs. Research projects with faculty from the Electrical Engineering Department on new information technologies as applied to highway sysytems (ITS) have been developed in prior years. Much of the emphasis is on the evaluation of socio-technical systems. In the Winter Semester (1994), Kan Chen (Electrical Engineering) and I team taught a seminar of 15 students (EECS 598) on public-private partnerships in IVHS (Intelligent Vehicle Highway Systems, or the application of information technology to traffic management).

For 1996-2000 I worked on a project with our School of Engineering on the application of new information technology to the trucking industry, funded by the Alfred P. Sloan Foundation. This is a component of the work with George Johnson on 'skill-extensive technical change'.

A public policy evaluation project which used household data from Sweden to determine the influence of price and other factors in a family's decision to participate in the public daycare system. The resulting paper (with Siv Gustafsson) was published in the Journal of Human Resources, Winter, 1992. Also, work on a related topic, parental leave in Sweden and other OECD countries, was completed. This is joint work with Marianne Sundstrom at the University of Stockholm. An initial paper was published in the European Journal of Population, 1992 and the results were presented as part of my address to the European Society for Population Economics in Gmunden, Austria (1992). We subsequently completed a paper on the human capital and signalling effects of time out of the labor force on earnings growth of men and women while I was a visiting scholar at the Demography Unit at the University of Stockholm in the summer of 1994. This paper was presented at the 6th Annual Conference of the European Association of Labour Economists, Warsaw, September, 1994 and was published in Labour (1996).

In an extension of the comparative work of childcare, Siv Gustafsson and I prepared a paper for a National Bureau of Economic Research project on the impact of social protection on economic flexibilty. The paper assesses the impact of daycare and parental leave in the U.S. the Netherlands and Sweden. A preliminary report was offered in Cambridge, Massachusetts in February, 1992. The revised paper was presented at a conference in London in the December of 1992. The paper and other related studies were published (summer, 1994 in a volume entitled, Social Protection and Economic Flexibility: Is There a Tradeoff? (Rebecca Blank, Ed.) University of Chicago Press. We are concluded additional research on this at the Tinbergen Institute and at the University of Amsterdam as part of a project with the Packard Foundation. Much of the research was completed in the summer of 1994 and includes "Equity Efficiency Tradeoffs in Early Childhood Care and Education," a paper on the differences between Sweden, the Netherlands and the U.S. Prepared for the Packard Foundation. This was published in The Future of Children, Volume 6, 1996 and "An International View of the Origins and Effects of Early Childhood Programs on Mother's Earnings and Employment," (with Siv Gustafsson). Working Paper, Department of Economics, University of Amsterdam, February, 1995, and published in a Rutgers University Volume on Early Childhood Care and Education, 1995. A sequel to this has been published in the Arne Ryde Symposium, Economics of Gender and the Family, Lund University, Lund, Sweden, 1997.

A paper on wealth dynamics of American families was presented at the Brookings Panel (March, 1998) and has appeared in Brookings Papers on Economic Activity 1998: I. A paper with Erik Hurst, “Grasshoppers and Ants: Mortgage Refinancing and Bankruptcy”, was revised and resubmitted for publication with a somewhat different title. Another related paper with James Smith and Tom Juster on mesurement of wealth was completed and has appeared in Labour Economics, June, 1999. Another paper (with Juster, Lupton and Smith), on wealth effects of consumption from capital gains in the stock market was published in the Review of Economics and Statistics (2006). A project on family influences on finances is the study of the effect of parental portfolio choice on the choices of young adults. Ngina Chiteji and I have a paper, “Portfolio Choices of Parents and Their Children as Young Adults: Asset Accumulation by African Amercan Families,” American Economic Review, May, 1999, p. 377-380. A related paper is “Financial Market Participation and Pension Holdings Over the Life Course,” (with Elena Gouskova and Ngina Chiteji), research manuscript, Institute for Social Research, University of Michigan, October, 2004, has appeared in a volume, *Wealth Accumulation and Communities of Color in the United States: Current Issues*. (Jessica Gordon-Nembhard and Ngina S. Chiteji, eds.), 2006.

Since 1998 we have conducted a series of methodology studies on event history calendars (EHC) (with Robert Belli and William Shay). The studies have been published (one in Public Opinion Quarterly and one submitted as a manuscript). Based on this methodology work the PSID will be utilizing computerize EHC methods on employment timelines, 2000-2003 in the 2003 and 2005 data collection. A current project is the 2009 Sage Foundation Conference Volume (Conference held in June 15-17, 2006) , Calendar and Time Diary Methods: Measuring Well-Being in Life Course Research. This will reviews recent developments in these areas and illustrate substantive research results based on these types of measurements. A recent publication is on maintaining response rates in panel surveys (with Robert Schoeni, Patricia Andreski and Katherine McGonagle) "Response Rates in National Panel Surveys" was published in the Annals of the American Academy of Political and Social Science, January 2013. A related presentation in Washington, D.C. at a meeting on redesigns of the Consumer Expenditure Survey data collection system.

Since 2011 I have been a member of the Tecmeashnical Advisory Committee to the Bureau of Labor Statistics of the U.S. Department of Labor. This involves the evaluation of key date needs, daa quality and research purposes on major BLS surveys. Last summer I was lead the assessment of the measures used to capture job search and the construction of the national unemployment rate. This spring I am reviewing their plans on improving the establishment based information on pension plans.

Over the period, 2009—2015 I have served as a member of a research group assessing mortgage lending policy and behavior. The first meeting was in February 2009 in Melbourne Australia at the request of the Reserve Bank of Australia. There has been on-going coordination of ideas and in the fall of 2014 there was another meeting of the research group in Holland. In 2015 I presented seminars at the Royal Melbourne Institute of Technology on the financial behavior of famies during the Global Financial Crisis, with specific emphasis on mortgage distress and stock market activity.

Other Duties and Activities

Board of Editors of the American Economic Review, 1976-1978.

Referee for manuscripts submitted to the American Economic Review, Journal of Economic Literature, Journal of Political Economy, Econometrica, Journal of Human Resources, Industrial and Labor Relations Review, International Economic Review, Quarterly Journal of Economics, Review of Economics and Statistics, Journal of Institutional and Theoretical Economics, Review of Economic Studies and other journals. Proposal review for NSF, NIA, NICHD and other funding agencies.

Placement Director
Ph.D. program
Department of Economics, 1985-1991

Associate Director, Institute for Social Research, 2000 – 2002.
Acting Director, 2003.

Director, Panel Study of Income Dynamics, 1994-2009.

Awards Recognition

Distinguised Service Award, U.S. Department of Labor, 1974

Fellow, Society of Labor Economists, 2008 -

Selected for Innovative Social Science project, National Science Foundation, 2013

International/Comparative Projects

Visiting Scholar
Industrial Institute for Economic and Social Research
Stockholm, Sweden S-11485, 1984, 1990

While in Sweden I conducted research on labor market adjustment and retraining and on the labor contract aspects of the firm. I previously visited in 1979 to work on a conference on the Swedish labor market. Research projects include those on economics of overtime and capacity utilization, and inventory demand, analysis of the Chrysler loan guarantees, and comparative analysis of Swedish and U.S. microdata. In 1990 work was completed on an inventory of time use research in Sweden.

Visiting Scholar
Universitat Des Saarlandes
Saarbrucken, Germany, 1986

Position involved a series of lectures on new directions of labor economics research and collaborative research with labor economists in Europe.

Visiting Researcher
Arbetslivcentrum
Stockholm, Sweden, 1988, 1990

Position involved lectures at the Center and in Stockholm and research for a paper examining factors which influence the use of public day care in Sweden. Study of the Swedish parental leave system applying hazard models to company data was the main focus in 1990.

Visiting Professor
Department of Economics
Tinbergen Institute
Amsterdam, Netherlands 1992, 1994, 1996 and 1999.

Position involved presenting lectures on time use research and the impact of technology transfer on the wages of advanced industrial economies. In 1994 additional lectures are planned. Comparative work on daycare systems and the labor market is planned as part of a project with the Packard Foundation. I was also the outside examiner for a Ph.D. defense in the area of labor economics by Henriette Maassen van den Brink in 1994. In 2002 I will be working with colleagues at the University of Amsterdam to assess the European research infrastructure on children's well-being.

Visiting Researcher, Demography Unit
University of Stockholm
Stockholm, Sweden, Summer 1994

Position involved lectures at the Demography Unit at the University of Stockholm and research for a paper which examines factors which shape the career outcomes of men and women who use parental leave in Sweden.

Co-organizer of the International Conference on Income and Expenditures, Santa Fe, New Mexico, June 12-14, 1997.

Co-Chair Scientific Selection Committee, Joseph A. Schumpter Society, 1996 (Stockholm)

Chair, International Workshop on Panel Studies, Ann Arbor, Michigan, October, 2000.

Previous Employment

Chair
Department of Economics
University of Michigan, 1980-83

Special Assistant for Economic Affairs
Office of the Assistant Secretary for Policy,
Evaluation and Research
U.S. Department of Labor
Washington, D.C., 1975-76

Position involved serving as economic consultant to the Assistant Secretary for Policy, Evaluation and Research, and to the Secretary of Labor and the Under Secretary. Duties included providing the Assistant Secretary and Secretary with information and guidance relevant to the Secretary's membership and participation in various Cabinet level bodies concerned with broad economic affairs as well as providing the necessary input to Departmental decisions related to economics. Specific assignment areas included the Domestic Council Task Force on Food Stamp Program Reform, Pensions and Social Security, Occupational Safety and Health Administration standards, minimum wage, and evaluation of Federal Unemployment Insurance benefits. Received Special Achievement Award in October, 1976.

Associate Professor of Economics
Department of Economics
University of Michigan
Ann Arbor, Michigan 48109, 1971-1975

Project Director, NSF financed and AAUP sponsored study on the Economic Status of the Academic Professions. Study analyzed the structure of earnings of Ph.D. holders in academics and government. Also analyzed the earnings patterns of women PhDs. Referee for manuscripts submitted to the American Economic Review, Journal of Political Economy, and Journal of Human Resources, Annals of Economic and Social measurement and other journals. Research included work on a national study of time use financed by the National Science Foundation, Supervision of Ph.D. dissertations in the area of labor economics, life cycle acquisition of personal skills, human resources, consumer behavior including portfolio theory.

Visiting Associate Professor of Economics
Graduate School of Business
Stanford University
Stanford, California 94305, 1973-74

Position involved was much the same as at the University of Michigan in terms of research activities. Taught courses in the M.B.A. Program and Sloan Executive Education Program.

Assistant Professor of Economics
Department of Economics
University of Michigan
Ann Arbor, Michigan 48109, 1968-1974

Position included teaching and, also, work as a Study Director and Assistant Professor of Economics. Study Director Appointment was in the Economic Behavior Program of the Institute for Social Research. Worked on a national panel study of households to provide a data base on stock-flow variables defining income, employment, consumption and financial portfolio under a grant from the Ford Foundation. Taught courses in price theory and national income theory. Research also included work on lifetime earnings and school quality under a grant from the National Science Foundation.

Education

Ph.D.
University of Chicago
Graduate School of Business, 1968

M.B.A.
University of Chicago
Graduate School of Business, 1964

B.A.
Northwestern University, 1962

Bibliography

1. "Some Determinants of Organizational Success," (with Selwyn W. Becker), Journal of Business, October 1967, pp. 511-517.

2. "The Effects of Values on Pecuniary Behavior: The Case of Academians," (with John Marsh), American Sociological Review, October, 1967, pp.740-754.

3. "Concentration and Labor Earnings: Comment," American Economic Review, March 1968, pp. 174-181.

4. "Student Family Size in Relation to Current and Expected Income," Journal of Political Economy, July/August, l969, pp. 471-477.

5. The l968 Survey of Consumer Finances (with others), Survey Research Center, The University of Michigan.

6. "The Cost of Financing Automobile Purchases," (with William Dunkelberg), Review of Economics and Statistics, November l969, pp. 459-464.

7. "The Propensity of Consume Separate Types of Income: A Generalized Permanent Income Hypothesis," (with Robert Holbrook), Econometrica, January, 1971, pp. 1-21.

8. "Debt in the Consumer Portfolio: Evidence From a Panel Study," (with William Dunkelberg) American Economic Review, September, 1971 pp. 598-613.

9. "The Income and Consumption of Graduate Students," (with Alan Gustman), Journal of Political Economy, November/December, 1972, pp. 1246-1258.

10. "Social Returns to Quantity and Quality of Schooling." (with George Johnson), Journal of Human Resources, Spring, l973, pp. 139-156 Reprinted in Cost Benefit Analysis, 1973, Aldine Publishing Company.

11. "Economic Aspects of Taconite Waste Disposal in Lake Superior by the Reserve Mining Company," Document 41, U.S.A. vs. Reserve Mining Company.

12. "Home Investments in Children: Comment," Conference on Marriage, Family, Human Capital and Fertility, Journal of Political Economy, March/April, 1974, pp. S132-135. Reprinted in Economics of the Family: Marriage, Children and Human Capital (T.W. Schultz, ed.), University of Chicago Press, 1974.

13. "The Allocation of Time to Pre-School Children and Educational Opportunity," (with C.R. Hill), Journal of Human Resources, Summer, 1974, pp. 323-341

14. "Women and the Academic Labor Market," (with George E. Johnson), in Sex, Discrimination and the Division of Labor (Cynthia Lloyd, ed.), Columbia University Press, l975.

15. Review of Permanent Income, Wealth and Consumption by Thomas Mayer in Journal of Econometrics, July, 1974, pp. 195-196.

16. "A Model of Work Effort and Productive Consumption," (with Malcolm Cohen), Journal of Economic Theory, March 1974, pp. 333-347.

17. "The Earnings and Promotion of Women Faculty," (with George E. Johnson), American Economic Review, December, 1974, pp. 888-903. Reprinted in Evaluation Studies Annual Review, Volume 1.

18. "Reply to Strober and Quester and Farber," American Economic Review, March, 1977, pp. 214-217.

19. "Time Inputs to Children" (with C.R. Hill), in 5,000 American Families: Patterns of Economic Progress (James N. Morgan, Ed.) Volume II, Survey Research Center, Ann Arbor, Michigan, March, 1974.

20. "Lifetime Earnings in a Professional Labor Market: Academic Economists," (with George Johnson) Journal of Political Economy May/June, pp. 549-569.

21. "Family Background and Lifetime Earnings," (with C.R. Hill), in Distribution of Economic Well-Being, National Bureau of Economic Research, 1978.

22. "Compensation of Cooperating Factors," (with Alan Deardorff), Econometrica, July, 1976, pp. 671-684.

23. "Labor, Leisure, and Training Over the Life Cycle," (with Harl Ryder and Paula Stephan), International Economic Review, October, 1976, pp. 651-574.

24. "Labor Supply in Labor-Leisure and Household Production Models," (with Alan Deardorff), unpublished manuscript, Department of Economics, The University of Michigan, June, 1973.

25. "A Life Cycle Model of the Household's Time Allocation," (with Malcolm Cohen), Annals of Economic and Social Measurement, July, 1974, pp. 447-462.

26. Review of The Labor Market for Engineers and Technical Workers by Glen Cain, Richard Freeman and Lee Hansen in Journal of Business, April 1975.

27. "Payroll Taxes and Employment" (with Abraham Weiss), Statement before the Select Committee on Small Business and the Subcommittee on Financial Markets of the Senate Committee on Finance, September 24, l975.

28. "The Minimum Wage and H.R. 10130" (with Frederic Siskind and Abraham Weiss), Statement before the Subcommittee on Labor Standards of the House Education and Labor Committee, November 6, l975. Reprinted in the Labor Law Journal, March 1976.

29. "A Decision Theoretic Approach to the Evaluation of Training Programs," Technical Analysis Paper, Number 34, A.S.P.E.R., U.S. Department of Labor, in Evaluating Manpower Training Programs, J.A.I. Press, 1979.

30. "More on Unemployment Insurance as Insurance" Comment on a paper by Martin Baily at a conference on unemployment insurance at the University of Pittsburgh, April 1976, Industrial and Labor Relations Review, July 1977, pp. 531-526.

31. "Intergenerational Wealth Transfers and the Education Decisions of Male Youth: An Alternative Interpretation" (with C. Russell Hill), Quarterly Journal of Economics, August 1978.

32. "Market Hours, Real Hours and Labor Productivity" (with Greg Duncan) Proceedings of the Annual Conference on the Economic Outlook 1978.

33. "Women's Time Use Converging to Men's" Monthly Labor Review, 1979.

34. "The Use of Time and Technology by Households in the United States", (with Greg Duncan), <u>Research in Labor Economics</u>, Volume 3, JAI Press, l980.

35. "Microeconomics Aspects of Employment and Unemployment Statistics", National Commission on Employment and Unemployment Statistics, 1978, Research monograph 9.

36. "Bayesian Consumer Econometricians," comments presented at the International Seminar on Sociological Economics, Paris, France, September 1977. Published in <u>Sociological Economics</u>, Levy Garboua, ed., Paris, 1979.

37. "Do Union Members Receive Compensating Wage Differentials?" (with Greg Duncan), <u>American Economic Review</u>, June 1980, pp. 355-371.

38. "Parental Care of Children: Time Diary Estimates of Quantity Predictability and Variety" (with C. Russell Hill), <u>Journal of Human Resources</u>, Spring, 1980.

39. "Lifetime Fertility Child Care and Labor Supply" (with C. Russell Hill), chapter in 51.

40. "Automobile Manufacturing in the Great Lakes Region and Japan" (Chapter in <u>Fiscal and Economic Structure of Michigan</u>, Harvey E. Brazer, ed., University of Michigan Press, 1981. Brief exerpts appeared in <u>Economic Outlook</u>, U.S.A.), Spring, 1981 and <u>The Wall Street Journal</u>, March 9, 1981.

41. Reply to "Comments" by Barron and Black and by Leigh, (on Item 37), <u>American Economic Review</u>, September 1982.

42. "Labor Market Policy in Sweden and the United States," in <u>Studies in Labor Market Behavior: Sweden and the United States</u>, (edited by Eliasson, Holmlund and Stafford), Industrial Institute for Economic and Social Research, Stockholm, l981.

43. <u>Studies in Labor Market Behavior: Sweden and the United States</u> co-edited with Gunnar Eliasson and Bertil Holmlund, Industrial Institute for Economic and Social Research, Stockholm, l981.

44. "Economic Aspects of Advanced Manufacturing Systems," in <u>Research Program for the Industrial Technology Institute</u>, University of Michigan, 1982.

45. "What Can We Learn from the Chrysler Experience," mimeograph, Ann Arbor, May 1984. Working paper, IUI, Stockholm, 1984.

46. Review of <u>New Approaches to Labor Unions</u> (Joseph D. Reid Jr.) <u>Journal of the American Statistical Association</u>, 1985.

47. "Firm Size, Workplace Public Goods, and Worker Welfare," In <u>The Economics of Firm Size, Market Structure, and Social Performance</u>, John J. Seigfried, ed., Washington: Federal Trade Commission, 1980.

48. Review of Labor Supply (Mark Killingsworth, Cambridge University Press) Journal of Political Economy, 1985.

49. "Efficient Provision of Employment Service Outputs" (with Ted Cavin) Journal of Human Resources, Fall 1985.

50. "Income Maintenance Policy and Work Effort: Learning from Experiments and Labor Market Studies". Paper presented at the Conference on Social Experiments, National Bureau of Economic Research. Published in Hausman and Wise (eds.), Social Experimentation, NBER, University of Chicago Press, 1985.

51. Time, Goods, and Well-Being (edited with F. Thomas Juster). A book of research findings from the 1975-76 Time Use Survey. Institute for Social Research, University of Michigan, 1985.

52. "Forestalling the Demise of Empirical Economics: The Role of Microdata in Labor Economic Research", Handbook of Labor Economics, (O. Ashenfelter and R. Layard, eds.), North Holland, 1987, reprinted, 1996. Working Paper 119, IUI, Stockholm, 1984.

53. "Organizational Theory and the Nature of Jobs", Journal of Institutional and Theoretical Economics, December, 1987.

54. "How Should we Evaluate the Job Training Partnership Act", working paper (with Ernest Stromdorfer), 1985. Background paper for the U.S. Department of Labor's evaluation of the Jobs Training Partnership Act.

55. "The Employment Effects of High Technology: A Case Study of Machine Vision" (with Kan Chen), Research Report Series 86-19, May 1986, National Commission for Employment Policy, Washington, D.C.

56. "Employment and Organizational Aspects of High-Technology: A Case Study of Machine Vision" (with Kan Chen), Human Systems Management (North-Holland), 1988.

57. "Women's Work, Sibling Competition, and Children's School Performance," American Economic Review, December, 1987, p. 972-980.

58. "Erosion of Advanced Country Rents, Insurance, and System Solvency", comments on a paper by Rudiger Soltwedel ("Employment Problems in West Germany- The Role of Institutions, Labor Law and Government Intervention"). Paper and comments presented at the Carnegie-Rochester Conference on Macroeconomics. Published in the Carnegie-Rochester Conference Volume on Macroeconomics, 1988-89.

59. "Jobs and Inequality," Report of the Working Group on Jobs and Inequality, Committee on Behavioral and Social Sciences, Ten -Year Outlook, Leading Edges in Behavioral Science, R. Duncan Luce, Neil J. Smelser and Dean R. Gerstein, eds., Russell Sage Foundation, 1989.

60. "Overtime and Sticky Manufacturing Wages: Do Trade and Technology Matter?" manuscript (with Michael O. Stobernack) Research report for the International Labor Affairs Bureau, March,

1990. Also a working paper at the Industrial Institute for Economic and Social Research, Stockholm, Sweden.

61. "Industrial Growth and Social Institutions," (with Malcolm Robinson) in Institutions in American Society (John Jackson, Ed.) University of Michigan Press, 1990. Volume written under the Program in American Institutions.

62. "Optimal Duration of an Army Career," in Army Enlistment and Compensation, (Curtis Gilroy, Ed.) Army Research Institute, 1990.

63. Compensation Report, Detroit Police Officers' Association, May 1989, February, 1995.

64. "Childcare Subsidies and Labor Supply in Sweden," with Siv Gustafsson, Journal of Human Resources, Winter, 1992.

65. "The Allocation of Time: Empirical Findings, Behavioral Models, and Problems of Measurement," (with Tom Juster), Journal of Economic Literature, June, 1991. Reviewed in the New York Times, December 19, 1990 and Institutional Investor. Reprinted in The International Library of Critical Economic Writings, Economics of Leisure (Clem Tisdall, ed.), Edward Elger, 2005/06.

66. Review of Time and Consumption: Time Use and Consumer Demand in Denmark (Gunnar Viby Mogenson, ed.) in Journal of Economic Literature, 1991.

67. "Social Benefits of IVHS Systems," paper presented at Future Transportation Technology Coference and Exposition, San Diego, California, August, 1990. Published in Automated Highway/Intelligent Vehicle Systems: Technology and Socioeconomic Aspects and Reprinted in Transactions (SAE annual papers selected for reprinting), September, 1991.

68. "Female Labor Force Participation, Fertility, and Public Policy: Sweden," (with Marianne Sundstrom), paper presented at the European Society for Population Economics, University of Pisa, June, 1991, European Journal of Population, Vol. 8, p. 199-215, 1992.

69. "Application of Information and Communication Technologies to Parking Operations at the University of Michigan," (with others) Research Report, Department of Electrical Engineering and Computer Science, May, 1991.

70. "Conference Summary," 50th Anniversary of the Industrial Institute for Economic and Social Research, Stockholm, 1990.

71. "Organizational Response to Intelligent Vehicle-Highway Systems in North America: Analysis from Case Studies and Historical Precedent," (with Steven Underwood) paper presented at the 1991 SAE Future Transportation Conference, Portland, Oregon, August, 1991, Reprinted in Transactions (SAE annual papers selected for reprinting), September, 1992.

72. "A Sociotechnological Perspective on Public-Private Partnerships for IVHS Infrastructures," (with Kan Chen), Department of Electrical Engineering, University of Michigan, Report 92-01.

73. "Parental Care of Children: Theories and Time Diary Evidence," paper prepared for invited lecture at the Sixth Annual Meeting of the European Society for Population Economics, Gmunden, Austria, June, 1992.

74. "International Competition and Real Wages," (with George Johnson), draft manuscript, Department of Economics, University of Michigan, May, 1992. Presented at the AEA meetings, Los Angeles, January, 1993, published in American Economic Review, May 1993.

75. "Time Use and the Formation of Habits," Presented at the AEA meetings, Los Angeles, January, 1993.

76. Review of The Overworked American by Juliet Schor. Journal of Economic Literature, August, 1992. Reprinted in The International Library of Critical Economic Writings, Economics of Leisure (Clem Tisdall, ed.), Edward Elger, 2005/06.

77. "Changes Over the Decades in Time Spent at Work and Leisure: An Assessment of Conflicting Evidence," (with Tom Juster). Paper presented at International Association for Research in Income and Wealth, 22nd General Conference, Flims, Switzerland, September, 1992.

78. "Three Regimes of Childcare: the United States, the Netherlands, Sweden" (with Siv Gustafsson), National Bureau of Economic Research, Social Protection and Economic Flexibility: Is There a Tradeoff? (Rebecca Blank , ed.) University of Chicago Press, 1994.

79. "Models of International Competition and Real Wages," (with George Johnson), working paper, Department of Economics, University of Michigan, July, 1992 and reissued in June of 1993.

80. "Divergence, Convergence and Gains to Trade," (with Saul Hymans), Review of International Economics, Volume 3, Number 1, February, 1995, p. 118-123,

81. "Outsourcing," (with George Johnson). Paper on the outsourcing model set out in 79.

82. "The Hicks Hypothesis and the British Postwar Slowdown," (with George Johnson). Paper applying the elements of the models set out in 79. Paper presented at the Econometric Society, January, 1995.

83. "Links Between Early Childhood Programs and Maternal Employment in Three Countries," (with Siv Gustafsson) in The Future of Children, Long-Term Outcomes of Early Childhood Programs, (Packard Foundation) Vol. 5, No. 3, Winter 1995, p.161-173.

84. "Equity Efficiency Tradeoffs in Early Childhood Care and Education," Paper on the differences between Sweden, the Netherlands and the U.S. Prepared for the Packard Foundation, The Future of Children, Vol. 6, 1996.

85. “Early Education of Children in Families and Schools,” p. 219-245 in Household and Family Economics, (Paul L. Menchik, ed.), Kluwer Academic Publishers, Boston, 1996.

85. "An International View of the Origins and Effects of Early Childhood Programs on Mother's Earnings and Employment," (with Siv Gustafsson). Working Paper, Department of Economics, University of Amsterdam, February, 1995. Published in a Rutgers University Volume, Early Care and Education for Children in Poverty, State of New York Press, 1998.

86. "The Academic Labor Market: Has Compensation Diverged from Other Professions?"(with John Laitner) Paper using a rational expectations model to analyze earnings histories of TIAA-CREF participants from a recent Institute for Social Research Survey. Results show that the academic labor market is connected to the larger skilled labor market, but has income swings with wider amplitudes as would be expected given the higher adjustment costs. Paper presented at the AEA meeeting in Washington, D.C. (January, 1995).

87. "Evaluation of Unemployment Insurance System Services" (with Edward S. Cavin) draft manuscript.

88. "Time Out for Childcare and Career Wages of Men and Women," (with Marianne Sundström) Research Report in Demography, University of Stockholm, July, 1994. Paper presented at the European Association of Labour Economists, Warsaw, Poland, September, 1994. Labour, Vol. 10, Number 3, Autumn 1996.

89. "Occupational Exclusion," (with George E. Johnson) working paper, Department of Economics, University of Michigan, submitted to Journal of Labor Economics.

90. "On the Rate of Return to School Quality" (with George E. Johnson), NSF Conference on School Quality and Educational Outcomes, December 15-16, 1994. Review of Economics and Statisitics, November, 1996.

91."A Headquarters Model of International Trade," Draft Manuscript, Stern School Symposium, "Recent Developments in Growth Economics," (with George Johnson) April 13, 1995. Published in Japan and the World Economy, 1997.

92. “Analytical Needs and Empirical Knowledge in Labor Economics: Comment,” in Haltiwanger, John, Marilyn E. Manser and Robert Topel (eds.), Labor Statistics Measurement Issues, National Bureau of Economic Research, University of Chicago Press, 1998, p. 70-74.

93. "Household Savings, Technology, and Capital Formation," (with John Laitner). Manuscript outlining the economic theories of household saving and capital formation. To be used in assessing data needs for the Panel Study of Income Dynamics, the Health and Retirement Survey and other micro data sources for the purpose of studying household saving and capital formation.

94. A Research Proposal Submitted to the National Science Foundation, Waves 30-32 of the Panel Study of Income Dynamics, 1997-2001, Pricipal Investigator, (with Sandra Hofferth and Charles Brown, Co-investigators). Also 2002-2006 and 2007-2011. All three funded by the

National Science Foundation and the PSID was awarded the designation as one of the NSF Nifty Fifty, the most significant fifty studies in the NSF history, 1950-2000.

95. “Childcare, Human Capital and Economic Efficiency,” (with Siv Gustaffson), published in The Economics of the Family and Gender, Arne Ryde Foundation, University of Lund, Lund Sweden, 1998.

96. “Alternative Approaches to Occupational Exclusion,” (with George E. Johnson), paper published in The Economics of the Family and Gender, Arne Ryde Foundation, University of Lund, Lund Sweden, 1998.

97. “Limits to Fed Policy Making: Mortgage Collateral Constraints - Ex Ante and Ex Post,” (with Erik Hurst), Economic Outlook, 1997, Research Seminar in Quantitative Economics, University of Michigan.

98. “Financial Distress and Bankruptcy of American Families,” (with Erik Hurst and Ming Ching Luoh) working paper, Institute for Social Research, 1997.

99. “Wealth Dynamics of American Families, 1984-1994,” (with Erik Hurst and Ming Ching Luoh) working paper, Institute for Social Research, August, 1996. Paper presented at the Santa Fe Conference on Consumption and Wealth, June 12-14, 1997. (URL:http://www.umich.edu/~psid/) Revised as, Brookings Papers on Economic Activity, 1998:I, p. 276-337.

100. “Sharing Sensitive Data from the Panel Sudy of Income Dynamics,” (with Terry K. Adams), paper presented at the Annual Meeting of the Population Association of America, May, 1996, New Orleans, Louisiana.

101. “Technology Regimes and the Distribution of Real Wages”, (with George Johnson) paper presented at the Schumpter Society Conference, Stockholm Sweden, June 1996 and published in Microfoundations of Economc Growth: A Schumpeterian Perspective (Christopher Greene and Gunnar Eliasson, eds.) University of Michigan Press, 1998. Presented at the Society of Labor Economists Meetings, Washington, D.C., May 3, 1997.

102. “The Panel Study of Income Dynamics,” (with Greg Duncan and Charles Brown), Journal of Economic Perspectives, Spring, 1996.

103. “The Distribution of Children’s Developmental Resources,” (with Jean Yeung), in The Economics of Time Use, p. 289-313. (Daniel S. Hamermesh and G.A. Pfann, Eds.) Elsevier, 2005.

104. “The Labor Market Implications of International Trade,” (with George E. Johnson) paper published in Handbook of Labor Economcs, Vol. 3, 1999, p. 2215-2288. (O. Ashenfelter and D. Card, Eds.) Draft presented at a workshop for the handbook, Princeton University, September 4-7, 1997.

105. "Accumulation of Wealth over the Life Course: Then and Now - Analysis of PSID, HRS and the Late 1960's Wealth and Debt Panel," (with F. Thomas Juster Joseph Lupton and James P. Smith) paper presented at Economics of Aging International Health and Retirement Surveys Conference, Amsterdam, August 7 and 8, 1997.

106. "Measuring Investment in Young Children with Time Diaries," (with N. Anders Klevmarken) Paper presented at the Conference in Honor of Tom Juster, December 13-14, 1996. Working paper, Department of Economics, Uppsala University, 1997. Paper presented at the Nineteenth International Association of Time Use Researchers Conference, Stockholm, October 8-10, 1997. Published in Wealth, Work and Health: Innovations in Measurement in the Social Sciences, (James P. Smith and Robert J. Willis, Eds.) University of Michigan Press, Ann Arbor, 1999.

107. "The Measurement and Structure of Household Wealth," (with Tom Juster and James Smith), Labour Economics, Volume 6, No.2, June, 1999, p. 253-276.

108. "Portfolio Choices of Parents and Their Children as Young Adults: asset Accumulation by African American Families" (with Ngina Chiteji) paper to be presented at the American Economic Association Meetings, January, 1999, American Economic Review, May, 1999, p. 377-380.

109. "Economic Growth; How Good Has It Been?" invited paper to be presented at the American Economic Association Meetings, January, 1999, American Economic Review, May 1999, p. 40-44.

110. "Income Dynamics of American Families, 1975-1997," (with Yong-Seong Kim and George E. Johnson).

111. "Until Death Do Us Part Or I Get My Pension?" (with Hiromi Ono). This was presented at the Population Association of America March, 2000 and presented at seminars in Amsterdam, Essex and Uppsala. The Scandinavian Journal of Economics, 2001.

112 "Risk Tolerance in the PSID," (with Ming Ching Luoh) Note published at the PSID internet site. 1998.

113. Comment on Edward N. Wolff (with Tom Juster and Jim Smith) "Recent Trends in the Size Distribution of Wealth," Journal of Economic Perspectives, April, 1999.

114. "Measuring and Understanding Wealth," Ford Foundation Conference volume on the Benefits of Weath Holding, New York University, December, 1998.

115. "Transitory Wealth and Consumer Spending," (with Erik Hurst and Joseph Lupton), The Economic Outlook for 1999. Research seminar in Quantitative Economics, 1998.

116. "Event History Calendar Methods Study: Experimental Design, Analytical and Operational Results," (with Robert F. Belli and William P. Shay) paper presented at the annual meeting of the American Association of Public Opinion Research, St. Pete Beach, Florida, May , 1999.

Revised as “Event History Calendar and Question List Survey Interviewing Methods: A Direct Comparison.” Public Opinion Quarterly, Vol. 65, p. 45-74, 2001.

117. “U.S Wage Growth and Inflation Forecasting in the 1990’s: Is Information Technology Shifting Aggregate Supply?” (with Yong-seong Kim), The Economic Outlook for 2000. Research seminar in Quantitative Economics, 1999.

118. “Five Years Older: Much Richer or Deeper in Debt?” (with Joseph Lupton) paper presented at the January 2000 Meetings of the American Economic Association, Boston, January 2000.

119. “Asset Ownership Across Generations,” (with Ngina Chiteji). Paper for presentation at the Conference on Wealth at the Levy Institute, June, 2000. Submitted to the Journal of Income and Wealth.

120. “Wealth Dynamics in the Late 1990’s: Sweden and the United States” (with Anders Klevmarken and Joseph Lupton). Paper for Comparative Panels Conference, Ann Arbor Michigan October 26-27, 2000. Journal of Human Resources, Vol. 38, No. 2, p. 322-353.

121. “Introduction to the JHR’s Special Issue on Cross-National Comparative Research Using Panel Surveys,” (with James P. Smith and James R. Walker), Journal of Human Resources, Vol. 38, No. 2, Spring, 2003, p. 231-240.

122. “Evolution and Change in Family Income, Wealth and Health: The Panel Study of Income Dynamics, 1968-2000 and Beyond,” (with Greg Duncan and Sandra L. Hofferth) Manuscript prepared for the 50th Anniversary Volume of the Institute for Social Research, University of Michigan Press, Fall, 2002.

123. “Alternative Approaches to the Measurement of Time Use,” (with Tom Juster and Hiromi Ono), Sociological Methodology, 2003, Vol. 33, p. 19-54.

124. “How the PSID Came to Be: A Life Course and Genealogical Sample of Families,” working paper, Survey Research Center, University of Michigan, January, 2001.

125. “Measuring Long-Term Growth Using the Panel Study of Income Dynamics,” (with Yong-Seong Kim), working paper, Survey Research Center, University of Michigan, February, 2001.

126. “Body Mass Index and Correlations Across Generations,’ (with Katherine McGonagle and Yong-Seong Kim), manuscript.

127. “Body Mass Index of American Males and Mortality Risk, 1986-1999” (with Katherine McGonagle and Yong-Seong Kim). Manuscript in at PSID website.

128. Tutorials on using the PSID, posted on the website, www.umich.edu/~psid/ under “Instructional Resources.”

129. “The Panel Study of Income Dynamics Online: An Instructional Resource,” (with Ngina Chiteji), Social Science Computer Review, Vol. 22, No. 4, winter 2004, pp. 457-468.

130. “Intrafamily Child Care Time Allocation: Stalled Revolution or Road to Equality?” (with Jean Yeung), Center for Advanced Social Science Research, Department of Sociology, New York University, January, 2003.

131. “The Distribution of Children’s Developmental Resources,” (with Jean Yeung), in The Economics of Time Use, p. 289-313. (Daniel S. Hamermesh and G.A. Pfann, Eds.) Elsevier, 2005.

132. “Home is Where the Equity Is,” (with Erik Hurst) Journal of Money, Credit and Banking, December, 2004, p.985-1014.

133. “Calendar and Question-List Survey Methods: Association Between Interviewers and Data Quality,” (with Robert F. Belli, Eun Ha Lee, and Chia-Hung Chou), working paper, University of Nebraska – Lincoln, 2004, Journal of Official Statistics.

134. “Trends and Turbulence: Allocations and Dynamics of American Family Portfolios, 1984-2001,” (with Elena Gouskova and F. Thomas Juster), January, 2004 (revised). Presented at the Levy Institute Conference on International Wealth Research, October 18, 2003, Elger Publications, 2006.

135. “A Refinancing Riddle,” Presentation at the Federal Reserve Bank of Philadelphia, Policy Forum, November 14, 2003.

136. Review of Rethinking Estate and Gift Taxation by William Gale, James R. Hines and Joel Slemrod, Journal of Economic Literature, Vol XlI (June 2003), p. 602-603.

137. “Exploring the Changing Nature of the U.S. Stock Market Participation,” (with F. Thomas Juster and Elena Gouskova), Institute for Social Research, University of Michigan, 2004. Paper for presentation at the International Association for the Study of Income and Wealth, Cork, Ireland. August, 2004.

138. “Evolving Time Use of American Youth, 1997-2003,” (with F. Thomas Juster and Hiromi Ono), Institute for Social Research, University of Michigan, 2004.

139. “The Decline in Household Savings and the Wealth Effect,” (with Juster, F.Thomas, Joseph P. Lupton, James Smith), Review of Economics and Statistics, 2006.

140. “Racial Divide in Home Computer Use Time among American Children: A Research Note” (with Hiromi Ono and Hsin-Jen Tsai), research manuscript, Institute for Social Research, University of Michigan, 2005.

141. Financial Market Participation and Pension Holdings Over the Life Course,” (with Elena Gouskova and Ngina Chiteji), research manuscript, Institute for Social Research, University of Michigan, October, in a volume, *Wealth Accumulation and Communities of Color in the United States: Current Issues*. (Jessica Gordon-Nembhard and Ngina S. Chiteji, eds.), 2006.

142. “Functioning and Well-Being in the Third Age,1986-2001,” (with Irina Grafova and Kate McGonagle) in The Crown of Life: Dynamics of the Early Post-Retirement Years (Jacquelyn B. James and Paul Wink, eds.) , 2006.

143. “The Changing Patterns of Stock Market Participation: Cost Versus Return 1994-1999,” (with Elena Gouskova) Research manuscript, Institute for Social Research, 2005.

144. “The Changing Landscape of Pension Participation,” (with Elena Gouskova and Ngina Chiteji), the Economic Outlook for 2006.

145. Introduction: “The Application of Calendar and Timeline Methodologies in the Collection of Life Events Data.” (with Robert F. Belli and Duane F. Alwin) in Calendar and Time Diary Methods: Measuring Well-Being in Life Course Research (Belli Stafford and Alwin, eds.) Sage Publications – forthcoming 2008-09).

146. “Timeline Data Collection and Analysis: Time Diary and Event History Calendar Methods,” in Calendar and Time Diary Methods: Measuring Well-Being in Life Course Research (Sage Publications, 2009).

147. “Future Directions in Timeline Data Collection and Analysis: Time Dairy and Event History Calendar Methods,” (with Robert F. Belli) in Calendar and Time Diary Methods: Measuring Well-Being in Life Course Research (Sage Publications, 2009).

148. “Grandparental and Parental Obesity Influences on Childhood Overweight: Implications for Primary Care Practice, with Robert F. Schoeni and Katharine McGonagle Journal of the American Board of Family Medicine, Vol. 21, No. 6, Pp. 549-554, 2008.

149. “The Impact of Hurricane Katrina on Socioeconomic Disparities in Alcohol Use,” (with Cerda, M.; Dowd, J.; Goldmann, E.; McGonagle, K.; and Galea, S. (Paper Presented at the Population Association of America, April, 2008).

150. Older Americans 2008: Key Indicators of Well-Being (Net Worth Holdings), (with Elena Gouskova). Federal Interagency Forum on Aging Related Sattistics, Department of Health and Human Services, 2008.

151. “Interviewing with cell phones: trends and effects on data quality and operation costs in the Panel Study of Income Dynamics,” with Elena Gouskova, April Beaule,and Katherine McGonagle and Frank Stafford (University of Michigan), paper for presentation at the University of Essex workshop, July 13-15, 2008.

152.”Emerging Modes of Timeline Data Collection: Event History Calendar Time Diary and Methods,” Manuscript for the Papers and Proceedings of the International Association of Time Use Researchers, Washington, D.C., October 2007. Published in Social Indicators Research, Springer-Verlag, 2009.

153. Intergenerational (IG) Correlations in Earnings, (with Ngina Chiteji and Elena Gouskova) Panel Study of Income Dynamics, October 2006. http:/isr.umich.edu/psidonline/guide/tutorials.

154. "Wage Effects of Personal Smoking History," (with Irina B. Grafova), Industrial and Labor Relations Review, (April 2009), Vol. 62, No. 3, p. 381-393.

155. "Estimating the Intergenerational Persistence of Lifetime Earnings with Life Course Matching: Evidence from the PSID" (with Elena Gouskova and Ngina), Labour Economics, Volume 4, 2010.

156. "Assessing the Quality of Income Data Collected on A Two-Year Periodicity: Experience from the Panel Study of Income Dynamics," Manuscript prepared for the 2008 International Conference on Survey Research Methodology, September 11-12, Center for Survey Research, RCHSS, Academia Sinica, Taiwan. Survey Research—Method and Application, Vol. 23, p. 33-80.

157. Pension Participation: Do Parents Transmit Time Preference? co-authored with Ngina Chiteji and Elena Gouskova, Journal of Family and Economic Issues, Vol. 31; p.138-150, 2010.

158. "Panel Surveys: Conducting Surveys Over Time', Handbook of Survey Research, Second Edition, Peter V. Marsden and James D. Wright, eds.) Emerald Group Publishing, 2010.

159. "Mortgage Contract Decisions and Mortgage Distress: Family and Financial Life Cycle Factors," Frank P. Stafford, Bing Chen and Elena Gouskova,Working Paper, Michigan Retirement Research Center, Institute for Social Research, 2010.

160. "Shaping Health Behavior Across Generations: Evidence from Time Use Data in the Panel Study of Income Dynamics and its Supplements," (with Ngina S. Chiteji) paper presented at the plenary session of the 32nd Time Use Conference, Time budgets and Beyond: the Timing of Daily Life, Paris City Hall. July 7, 2010. Annales of D'Economie et De Statistique (Annals of Economics and Statistics), Number 105/106, January/June 2012, p.185-207.

161. "Assessing Time-Diary Quality for Older Couples: An Analysis of the PSID Disability and Use-of-Time Supplement," (with Vicki Freedman, Fred Conrad and Norbert Schwarz), paper presented at the plenary session of the 32nd Time Use Conference, Time budgets and Beyond: the Timing of Daily Life, Paris City Hall. July 7, 2010. Annales of D'Economie et De Statistique (Annals of Economics and Statistics), Number 105/106, January/June 2012, p.271-289.

162. "Applying Event History Methods in a National Panel," (with April Beaule), Paper for the 2nd Panel Survey Methods Workshop, Mannheim, Germany, July 5, 2010.

163. "Non-Response in Panel Surveys," (with Robert Schoeni, Katherine McGonagle and Patricia Andreski), The Annals of the American Academy of Political and Social Science, January, 2013 (Sage Publications), Douglas S. Massey and Roger Tourangeau, eds.

164. "Refinancing," The Encyclopdia of Housing (2nd Edition), Sage Publications, 2012.

165. “Does the Computer Shape New Forms of Cognitive and Social Skills?,” with Joseph Golden. Research Manuscript. Paper presented at the International Association of Time Use Researchers, Oxford University, August, 2011. (under revision)

166. “At the Corner of Main and Wall Streets” Working paper, Michigan Retirement Research Center, 2013 (with Thomas Bridges), WP2012-282, for plenary session presentationat the University of Colorado Summer Conference on Consumer Financial Decision Making, May 19-21, 2013. Under revision. Selected rsults reported on National Public Radio. May, 2014.

167. “Measuring Time Use of Older Couples: Lessons from the Panel Study of Income Dynamics,” with Vicki A. Freedman, Fred Conrad and Norbert Schwarz, Field Methods, 2012.

168. “Does Time Fly When You Are Having Fun? A Day Reconstruction Method Analysis,” with Vicki A. Freedman, Frederick Conrad, Jennifer Cornman and Norbert Schwarz, Journal of Happiness Studies, 2013.

169. “Diminishing Margins: Housing Market Declines and Family Financial Responses,” (with Erik Hurst and Bing Chen), Working paper, WP 2012-276, Michigan Retirement Research Center. Under review at International Review of Housing Policy, May 2015.

170. “Stock Market Participation: Family Responses to Housing Consumption Commitments,” (with Bing Chen). February, 2014. Forthcoming Journal of Money Credit and Banking, 2016. Presented at the April 12, 2014 workshop of the Michigan Retirement Research Center.

171. “Stock Market Dynamics, 2009-2013,” with Bing Chen, May 2014.

172. “A Farewell to Arms? Three Regimes of Adjustable Rate Mortgages,” (with Bing Chen) in progress.

Other Professional and University of Michigan Activity

Director of Graduate Studies, Department of Economics, 1978-1980

Natural Resources Program Review Committee

Rackham Non-Traditional Fellowship Committee.

Research Project on the Swedish Labor Market, 1979 for the Industrial Institute for Economic and Social Research, Stockholm.

Michael Aho developed a river simulation for use in teaching microeconomic theory. This simulation has been used in Economics 401 (intermediate microeconomics) and Economics of the Environment. The model has been exported to several schools through the center for Research in Learning and Teaching. The model was expanded and improved by a research grant from RAND (through the School of Public Policy).

Review of grant proposals for the National Science Foundation.

Research Associate, National Bureau of Economic Research, Cambridge, Massachusetts, 1980-1985.

Ph.D. Placement Director, Department of Economics, University of Michigan, 1984-1991.

Chair, National Academy of Sciences Committee on Jobs and Inequality.

Advisory Panel, Evaluation of the Job Training Partnership Act (JTLS Project).

<u>Who`s Who in America</u>, 1984-85 forward

<u>Who's Who in Higher Education</u>, 1995 forward

<u>Who's Who in the Midwest</u>

<u>Who`s Who in the World</u> 2003 forward. (General and Social Science designation)

<u>Who's Who in Economics, Fourth edition,</u> (Elger Publications, U.K.) 2003.

Member, Small Grants Panel, Employment and Training Administration, U.S. Department of Labor, 1978-1980.

Member Social Science Research Council Panel on Doctoral Dissertation Fellowships in Employment and Training, 1981-1984.

NIH Research project on time use and Down Syndrome, 1987 (with Tom Juster).

Project with the Army Research Institute with (Charles Brown) to evaluate the reenlistment decision.

Member, Review Committee, Doctoral Program in Architecture, University of Michigan.

Member, Evaluation Committee, Department of Economics, University of Illinois.

Member, Technical Review Panel, U.S. Department of Labor, National Longitudinal Surveys.

Member, Evaluation Committee, Department of Economics, University of Texas (1997).

Member, Salary Equity Committee to Study Staff Compensation at the University of Michigan, 1990-91.

Member, Executive Committee, Program in Urban, Technological, and Environmental Planning.

Director, Master's in Applied Economic Program, University of Michigan 1992-93.

Member, Social Science Divisional Review Committee, College of Literature Science and the Arts, 1994.

Member, Admissions Committee, Ph.D. Program, Department of Economics, 1994 - 1996.

Member, Promotions Grievance Committee, College of Literature Science and the Arts, University of Michigan, 1997.

Member, Budget Committee, Senate Advisory Committee on University Affairs, University of Michigan (term set for 1994-1997) Chair 1996.

Member, Provost's Advisory Committee on University Budgets, 1995, Chair, 1995-1996 and 1996-2001.

Member, Institute for Social Research Policy Committee, 1997-1999.

Member, Survey Center Advisory Committee, Survey Research Center, 1999 – 2001.

Advisor to the Israeli Panel Study, 2000-2010.

Chair, Dispute Review Board of the Vendor Code of Conduct of the University of Michigan, 2005-2007.

Chair, Committee on Civil Liberties, 2012-2013 Organized a campus symposium on the Fisher versus University of Texas Austin case, scheduled for October 10, 2013.

Member, Technical Advisory Committee , Bureau of Labor Statistics, U.S. Department of Labor, 2011-2016.

Recent courses taught:

Undergraduate: Research Seminar on Micro Panel Data (495) Since 2003
Economics 490 Topics: New Dimensions to Ability and Utility (490) 2012 and 2013
Economics 490 Topics: Cognition and Contagion in Economic Networks (490) 2015

Recent Advisees:

Bing Chen Ph.D. thesis (Chair)
Joseph Golden thesis (committee member)
Thomas Bridges (committee member)
Aditya Aladangady (committee member)
Yipei Cao Third Year Paper adviser
Ben Lisius Third Year Paper adviser

Recent department service:

Director of Undergraduate Honors Progam in Economics snd Faculty Adviser to the Michigan Economic Society (undergraduate association of economics majors)

Current university service:

Academic Evaluation Committee

Committee of Civil Liberties, Chair 2013-14; Member 2014-16

Recent Honors and Activities

Fellow, Society of Labor Economists

Who's Who in Economics

National Academy of Sciences/CNSTAT Committee to
Assess the Future of Social Survey

Census Committee to Redesign the Consumer
Expenditure Survey

Panel Study of Income Dynamics selected as the only
social science project in the NSF 'Nifty Fifty/Sixty (2001, 2011)

University of Essex Conference on the United Kingdom Household Longitudinal Study
– Plenary Opening Speaker July 2011

Oxford University Conference Plenary Opening Speaker (IATUR) August 2011

Director, Undergraduate Honors Program in Economics, 2011 –

Member, Technical Advisory Committee, U.S. Departmnet of Labor,
Bureau of Labor Statistics, 2012 – 2016

Panel Member, Committee to Evaluate the National Center for Research Methods,
University of Southampton, England, 2012

Presentation and lecture, Panel methods conference, Beijing China, May 26-June 1

Presentation on Mortgage Distress, Conference on Panel Research, Kansai University,
June 3-5, 2012

Plenary presentation on Pension Management, Summer Conference on Financial
Behavior, University of Colorado, May 19-22, 2013

Advisor on the design of the 14th wave of the British Mellinium Cohort Study,
London, June 10-11, 2013.

Technical review Bureau of Labor Statistics, U.S. Department of Labor, defining unemployment when job seekers use the internet, Washington, D.C., June 21, 2013.

Presentations at the Institute for Policy Studies of the National University of Singapore on the research opportunities from a national intergenerational panel of familes. January, 2014 and 2015. The emerging project is now the Singapore Panel Study of Social Dynamics.

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Participant, research group on housing and mortage dynamics, Holland, October 2014.

University Lectures, National University of Singapore, Institute fof Policy Studies and Department of Sociology – Research on Economic Dynamics Using Panel Methods (March 2015)

Financial Behavior of Families, presentations at the Royal Melbourne Institute of Technology, November, 2015