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AREAS OF SPECIALIZATION

School Dropouts and Student Mobility  
Ethnic and Language Minority Student Achievement  
Education and Labor Markets  
Economics of Education  
Education Policy  
Survey Design and Large-scale Data Analysis

EDUCATION

B.S. Electrical Engineering (Computer Systems)  
Carnegie-Mellon University, May 1971

M.A. Economics  
Stanford University, June 1978

Ph.D. Education (Administration and Policy Analysis/Economics of Education)  
Stanford University, August 1978

Thesis Overeducation in the U.S. Labor Market  
Advisors: Henry Levin, Martin Carnoy, Lewis Mayhew

ACADEMIC EXPERIENCE

October 1998- present Director, Linguistic Minority Research Institute  
University of California

July 1993- present Professor of Education  
University of California, Santa Barbara

October 1999 Visiting Scholar, Peking University, China

February 1997- March 1997 Visiting Scholar, Monash University, Australia  
Visiting Scholar, Australian Council for Educational Research

April 1987- Associate Professor of Education

June 1993	University of California, Santa Barbara
July 1991- July 1992	Director, Educational Leadership Institute University of California
September 1988- June 1991	Program Leader, Educational Policy and Organization Department of Education, UC Santa Barbara
April 1990- August 1990	Visiting Research Fellow Centre for Educational Sociology, University of Edinburgh
March 1983- March 1987	Senior Research Associate School of Education, Stanford University
April 1986- August 1986	Acting Associate Professor of Education , Stanford University (nominated for School's Outstanding Teacher Award)
March 1981- February 1983	Research Associate School of Education, Stanford University
January 1979- December 1980	Senior Research Associate Center for Human Resource Research, Ohio State University
September 1978- December 1978	Consultant International Institute for Educational, UNESCO, Paris
September 1974- June 1978	Research Associate Center for Economic Studies, Palo Alto, California

## PUBLICATIONS

### BOOKS:

Engaging Schools: Fostering High School Student's Motivation to Learn (contributor).  
Committee on Increasing High School Student's Engagement and Motivation to Learn,  
National Research Council. Washington, D.C. The National Academy Press, 2003.

The Future Impact of Technology on Work and Education (editor, with Gerald Burke).  
Philadelphia: Falmer Press, 1987.

A New Social Contract: The Economy and Government After Reagan (with Martin Carnoy and  
Derek Shearer). New York: Harper and Row, 1983.

Overeducation in the U.S. Labor Market. New York: Praeger Publishers, 1981.

## MONOGRAPHS:

Preschool Participation and the Cognitive and Social Development of Language Minority Students (with Loan Tran). Los Angeles: National Center for Research on Evaluation, Standards, and Student Testing, UCLA and Santa Barbara: UC Linguistic Minority Research Institute, January 2006. Available at: [http://lmri.ucsb.edu/publications/06\\_rumberger-tran.pdf](http://lmri.ucsb.edu/publications/06_rumberger-tran.pdf).

Understanding and Addressing the Latino Achievement Gap in California (with Brenda Arellano). Berkeley: University of California, California Policy Research Center, Latino Policy Institute, 2004. Available at: [http://lmri.ucsb.edu/publications/04\\_rumberger-arellano.pdf](http://lmri.ucsb.edu/publications/04_rumberger-arellano.pdf).

Final Report (member). National Institute of Statistical Sciences/Education Statistics Services Institute Task Force on Graduation, Completion, and Dropout Indicators. Washington, D.C.: National Center for Education Statistics, 2004. Available at: <http://nces.ed.gov/pubs2005/2005105.pdf>.

Staying on at School: Improving Student Retention in Australia (with Stephen Lamb, Anne Walstab, Richard Teese, and Margaret Vickers). Center for Post-compulsory Education and Lifelong Learning, University of Melbourne, August 2004.

School Performance in Australia: Results from Analyses of School Effectiveness (with Stephen Lamb, David Jesson, and Richard Tesse). Center for Post-compulsory Education and Lifelong Learning, University of Melbourne, August 2004.

The Inequitable Treatment of English Learners in California's Public Schools, Report prepared for the lawsuit, *Williams v. State of California*, April 2003. Available at: <http://idea.gseis.ucla.edu/publications/williams>.

Student Mobility and Academic Achievement. ERIC Digest. Champaign, IL: ERIC Clearinghouse on Elementary and Early Childhood Education, June 2002.

Student Mobility. The Informed Educator Series. Arlington, VA: Educational Research Service, May 2001.

The Educational Consequences of Mobility for California Students and Schools (with Katherine A. Larson, Gregory J. Palardy, and Robert K. Ream). Research Series 99-2. Berkeley, CA: Policy Analysis for California Education, March 1999.

The Hazards of Changing Schools for California Latino Adolescents (with Katherine A. Larson, Gregory J. Palardy, Robert K. Ream, and Nina C. Schleicher). CLPP Policy Report. University of California, Berkeley: Chicano/Latino Policy Project, October 1998.

Capturing Latino Students in the Academic Pipeline (with Patricia Gándara, Hugh Mehan, and Katherine Larson). CLPP Policy Report. University of California, Berkeley: Chicano/Latino Policy Project, May 1998.

Staying in School: A Technical Report of Three Dropout Prevention Projects for Middle School Students with Learning and Emotional Disabilities (co-author). Institute on Community Integration, University of Minnesota, December 1995.

PACT Manual: Parent and Community Teams for School Success (with Katherine Larson). Institute on Community Integration, University of Minnesota, December 1995.

Engaging Diverse Students: What Superintendents Can Do (principle author). Interim Report. Oakland, CA: Educational Leadership Institute, University of California, January 1993.

California's Workforce for the Year 2000: Improving Productivity by Expanding Opportunities for the Education and Training of Underserved Youth and Adults (member of the task force). Report of the California Workforce Literacy Task Force. Sacramento: California Legislature, November, 1990.

Computers in Small Businesses (with Henry M. Levin). Washington, D.C.: National Federation of Small Businesses, September 1986.

Demystifying High Technology. Columbus: The National Center for Research in Vocational Education, 1984.

Findings of the National Longitudinal Survey of Young Americans, 1979 (co-author). Youth Knowledge Development Report 2.7. Washington, D.C.: U.S. Government Printing Office, 1980.

Estudio de la Educacion Secundaria y Superior en El Salvador, Las Tendencias en los Requerimientos de Mano de Obra con Educacion Secundaria y Superior, y las Implicaciones para la Politica de Educredito (contributor). Final report for IDB project on education and manpower needs in El Salvador. Palo Alto, Ca.: Center for Economic Studies, 1977.

Education and Public Sector Employment (with M. Carnoy and R. Girling). Final report for NIE project on educational requirements for the public sector. Palo Alto, Ca.: Center for Economic Studies, 1976.

Financing Postsecondary Education in California (co-author). Report prepared for the Sloan Foundation project on higher education finance. Stanford, Ca.: School of Education, Stanford University, June 1974.

## ARTICLES IN BOOKS AND JOURNALS:

- “Teacher Effectiveness in First Grade: The Importance of Background: Qualifications, Attitudes, and Instructional Practices for Student Learning.” (with Gregory J. Palardy). *Educational Evaluation and Policy Analysis* (in press).
- “Linking student engagement, peer social capital, and school dropout among Mexican American and non-Latino white students.” (with Robert K. Ream). *Sociology of Education* (in press).
- “Understanding and Addressing the California Latino Achievement Gap in Early Elementary School” (with Brenda Arellano). In *Mexicans in California: Transformations and Challenges.*, edited by Patricia Zavella and Ramon Gutiérrez. Champagne, IL: University of Illinois Press (in press)
- “Immigration, Language, and Education: How Does Language Policy Structure Opportunity?” (with Patricia Gándara). In *Education of Immigrant Youth: The Role of Institutions and Agency*, edited by Jennifer Holdaway (in press).
- “Can NCLB Improve High School Graduation Rates?” In *The NCLB Challenge: Achieving Accountability, Equity, and School Reform*, edited by Gail Sunderman. New York: Corwin Press, 2008.
- “Resource Needs for Educating Linguistic Minority Students” (with Patricia Gándara). In *Handbook of Research in Education Finance and Policy*, edited by Helen F. Ladd and Edward B. Fiske, pp. 591-611. New York, Routledge, 2008).
- “Understanding and Addressing the Education Achievement Gap in the United States during the First Four years of School” (with Brenda Arellano). In *International studies in educational inequaltiy, theory, and policy. Volume 3, Inequality: Educational theory and public policy*, edited by Richard Teese, Stephen Lamb, & M. Duru-Belat, pp.129-149. Dordrecht, The Netherlands: Springer, 2007.
- “Parsing the Data on Student Achievement in High Poverty Schools.” North Carolina Law Review, 85 (June 2007): 101-119.
- “How much is too much? The influence of preschool centers on children's social and cognitive development” (with Susanna Loeb, Margaret Bridges, Daphna Bassok, and Bruce Fuller). Economics of Education Review 26 (February 2007): 52-66.
- “Dropouts.” In The Praeger Handbook of American High Schools, edited by Kathryn M. Borman, Spencer E. Cahill, and Bridget A. Cotner, p. 131-138. Westport, CT: Praeger Publishers, 2007.

- “Does Segregation Still Matter? The Impact of Student Composition on Academic Achievement in High School” (with Gregory J. Palardy). Teachers College Record, 107 (Spring 2005), 1999-2045.
- “Does Resegregation Matter? The Impact of Student Composition on Academic Achievement in Southern High Schools” (with Gregory J. Palardy). In How Brown Lost Its Way: School Sesegregation in the South, edited by Jack Boger and Gary Orfield, pp. 127-147. Chapel Hill: University of North Carolina Press, 2005.
- “Test Scores, Dropout Rates, and Transfer Rates As Alternative Indicators of High School Performance” (with Gregory Palardy). American Educational Research Journal, 41 (Spring 2005): 3-42.
- “Why Students Drop Out of School.” In Dropouts in America: Confronting the Crisis, edited by Gary Orfield, pp. 131-155. Cambridge: Harvard Education Press, 2004.
- “What Can be Done to Reduce School Dropouts.” In Dropouts in America: Confronting the Crisis, edited by Gary Orfield, pp. 243-254. Cambridge: Harvard Education Press, 2004.
- “Seeking Equity in the Education of California’s English learners” (with Patricia Gándara). Teachers College Record, 106 (October 2004): 2032-2056.
- “Multilevel Models for School Effectiveness Research” (with Gregory Palardy). In Handbook of Quantitative Methodology for the Social Sciences, edited by David Kaplan, pp. 235-258. Thousand Oaks, CA: Sage Publications, 2004.
- “School Completion/School Achievement as Outcomes of Early Childhood Development” In: Tremblay RE, Barr RG, Peters RDeV, eds. Encyclopedia on Early Childhood Development [online]. Montreal, Quebec: Centre of Excellence for Early Childhood Development; 2004:1-5. Available at: <http://www.excellence-earlychildhood.ca/documents/RumbergerANGxp.pdf> . Accessed February 6, 2004.
- “The Advantages of Longitudinal Design,” In Rigorous Designs to Evaluate Technology Effects, Volume 1, edited by Geneva Haertel and Barbara Means, pp. 205-229. New York: Teachers College Press, 2003.
- “English Learners in California schools: Unequal resources, unequal outcomes” (with Patricia Gándara, Julie Maxwell-Jolly, & Rebecca Callahan). Education Policy Analysis Archives, 11, Retrieved October 7, 2003 from <http://epaa.asu.edu/epaa/v11n36/>.
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- “The Causes and Consequences of Student Mobility.” Journal of Negro Education, 72 (2003): 6-21.

- “What Can be Done to Prevent and Assist School Dropouts?” In Intervention with children and adolescents: An interdisciplinary perspective, edited by Paula Allen-Meares & Mark W. Fraser, pp. 311-334. New York: Allyn & Bacon, 2003.
- “Student mobility.” In Encyclopedia of Education, 2nd edition, edited by James Guthrie. New York: Macmillan, 2002.
- “Chicano Dropouts: An Update of Research and Policy Issues” (with Gloria Rodriguez). In Chicano school failure and success: Research and policy agendas for the New Millennium, 2<sup>nd</sup> edition, edited by Richard R. Valencia, pp. 114-146. New York: Falmer Press, 2002.
- “The Schooling of English Learners” (with Patricia Gándara). In Crucial Issues in California Education, edited by Elizabeth Burr, Gerald Hayward, and Michael Kirst, pp. 23-44. Berkeley: Policy Analysis for California Education, 2000
- “The Distribution of Dropout and Turnover Rates among Urban and Suburban High Schools” (with Scott L. Thomas). Sociology of Education, 73 (January 2000): 39-67.
- “Student Mobility and and the Increased risk of High School Dropout” (with Katherine A. Larson). American Journal of Education, 107 (November 1998): 1-35.
- “The Growing Imbalance between the Economic and Social Goals of Education in the United States,” In Different Drums, One Beat? Economic and Social Goals in Education and Training, edited by Fran Ferrier and Damon Anderson, pp. 7-19. Leabrook, Australia: National Centre for Vocational Education Research (1998).
- “Research, Decision Making and Action in Other Functional Areas of Government, and Internationally,” In Research and VET Decision-Making: February 1997 Symposium, edited by Chris Selby Smith, pp. 143-144. Melbourne, Australia: Centre for the Economics of Education and Training, Monash University, 1998.
- “Toward Explaining Differences in Educational Achievement Among Mexican-American Language Minority Students” (with Katherine A. Larson). Sociology of Education 71 (January 1998): 69-93.
- "Dropping Out of Middle School: A Multilevel Analysis of Students and Schools." American Educational Research Journal 32 (Fall 1995): 583-625.
- "Doubling School Success in Highest-Risk Latino Youth: Results from a Middle School Intervention Study (with Katherine Larson)." In Changing Schools for Changing Students, edited by Reynaldo F. Macias and Reyna G. Garcia Ramos, pp. 157-179. Santa Barbara, California: Linguistic Minority Research Institute, University of California, 1995.
- "Labor Market Outcomes as Indicators of Education Performance." In Making Education Count: Developing and Using International Indicators, edited by Centre for Educational

Research and Innovation, pp. 265-286. Paris: Centre for Educational Research and Innovation, OECD, 1994.

"Keeping High-Risk Chicano Students in School: Lessons from a Los Angeles Middle School Dropout Prevention Program" (with Katherine A. Larson). In Educational Reforms for At-Risk Students, edited by Robert J. Rossi, pp. 141-162. New York: Teachers College Press, 1994.

"Technological Change and the Demand for Educated Labor," In International Encyclopedia of Education, 2nd edition, edited by Torsten Husen and T.N. Postlethwaite, pp. 6256-6261. New York: Pergamon Press, 1994. Reprinted in the International Encyclopedia of Economics of Education, 2nd edition, edited by Martin Carnoy (1995).

"The Economic Returns to College Major, Quality, and Performance: A Multilevel Analysis of Recent Graduates" (with Scott Thomas). Economics of Education Review 12 (1993): 1-19. Reprinted in The Economics of Higher Education, edited by Clive R. Belfield and Henry M. Levin. Cheltenham, England: Edward Elgar Publishing, forthcoming.

"Education and Training for 16-18 Year Olds in the UK and the USA," (with David Raffe). Oxford Studies in Comparative Education 2 (1992): 135-157. Reprinted in Something Borrowed, Something Learned? The Transatlantic Market in Education and Training Reform, edited by David Finegold, Laurel McFarland, and William Richardson, pp.125-147. Washington, D.C.: The Brookings Institution, 1993.

"The Impact of Racial and Ethnic Segregation on the Achievement Gap in California High Schools" (with J. Doug Willms). Educational Evaluation and Policy Analysis 14 (Winter 1992): 377-396.

"The University of California Educational Leadership Institute: A New Strategy for Linking Research and Practice," Educational Researcher 21 (August-September 1992): 20-24.

"The Changing Nature of Work," In Encyclopedia of Educational Research, 6th edition, edited by Marvin C. Alkin, pp. 152-158. New York: Macmillan, 1992.

"Chicano Dropouts: Research and Policy Issues," In Chicano School Failure and Success: Research and Policy Agendas for the 1990s, edited by Richard R. Valencia, pp. 64-89. New York: Falmer Press, 1991.

"The Impact of Surplus Schooling on Worker Productivity," (with Henry M. Levin and Mun C. Tsang) Industrial Relations 30 (Spring 1991): 209-228.

"Family Influences on Dropout Behavior in One California High School (with R. Ghatak, G. Poulos, P. Ritter, and S. Dornbusch) Sociology of Education 63 (October 1990): 283-299.

- "Second Chance for High School Dropouts: The Costs and Benefits of Dropout Recovery Programs in the United States." In Second Chance in Education: An Interdisciplinary and International Perspective, edited by Dan Inbar, pp. 227-250. New York: Falmer Press, 1990.
- "Schooling for the Modern Workplace" (with Henry M. Levin), In Investing in People: A Strategy for Addressing America's Workforce Crisis, Background Papers, Volume 1, pp. 85-144. Washington, D.C.: Commission on Workforce Quality and Labor Market Efficiency, U.S. Department of Labor, September 1989.
- "The Challenge and Opportunity of Educational Diversity," California Public Schools Forum 3 (Autumn 1989): 1-18.
- "Education, Work, and Employment in Developed Countries: Situation and Future Challenges," (with Henry M. Levin). Prospects: Quarterly Review of Education (UNESCO), 19, 2 (1989): 205-224.
- "The Impact of Salary Differentials on Teacher Shortages and Turnover: The Case of Mathematics and Science Teachers." Economics of Education Review 6 (1987): 389-399.
- "Educational Requirements for New Technologies: Visions, Possibilities, and Current Realities" (with Henry M. Levin). Education Policy 1 (1987): 333-354. Reprinted in Politica ed Economia [Italy] (Maggio 1987); Sociale Welt [Germany], Sonderband 5 (1987); Planificacion de la Educacion y mercado de trabajo [Spain], edited by Julio Grao (Madrid: Narcea, 1988).
- "High School Dropouts: A Review of Issues and Evidence," Review of Educational Research 57 (Summer 1987): 101-121. Reprinted in Transforming Urban Education, edited by J. Kretovics and E.J. Nussel, pp. 187-210. (Needham Heights, MA: Allyn Bacon, 1994).
- "The Potential Impact of Technology on the Skill Requirements of Future Jobs." In The Future Impact of Technology on Work and Education, edited by Gerald Burke and Russell W. Rumberger, pp. 74-95. Philadelphia: Falmer Press, 1987.
- "The Impact of Surplus Schooling on Productivity and Earnings." Journal of Human Resources 22 (Winter 1987): 74-95.
- "Education and Training Needs for Using Computers in Small Businesses" (with Henry M. Levin). Educational Evaluation and Policy Analysis 8 (Winter 1986): 423-434.
- "High School Dropouts: A Problem for Research, Policy, and Practice." California Public Schools Forum 1 (Fall 1986): 1-19.
- "Economics and Educational Planning" (with Larry Leslie, William Pickens, Patrick Callan, and Keith Pailthorp). In Scanning for Strategic Planning, edited by Patrick M. Callan, pp. 39- 56. San Francisco: Jossey-Bass, 1986.

- "The Shortage of Mathematics and Science Teachers: A Review of the Evidence." Educational Evaluation and Policy Analysis 7 (Winter 1985): 355-369.
- "High Technology and Job Loss." Technology in Society 6 (1985): 263-284.
- "Forecasting the Impact of New Technologies on the Future Job Market," (with Henry M. Levin). Technological Forecasting and Social Change 27 (July 1985): 399-417.
- "Correspondence Theory." In International Encyclopedia of Education: Research and Studies, edited by Torsten Husen and T. Neville Postlethwaite, pp. 1030-1031. Oxford: Pergamon Press, 1985.
- "The Incidence and Wage Effects of Occupational Training Among Young Men." Social Science Quarterly 65 (September 1984): 775-788.
- "The Job Market for College Graduates, 1960-1990." Journal of Higher Education 55 (July/August 1984): 433-454.
- "The Economic Value of Academic and Vocational Training Acquired in High School," (with Thomas N. Daymont). In Youth and the Labor Market: Analyses from the National Longitudinal Survey, edited by Michael E. Borus, p. 157-191. Kalamazoo: W. E. Upjohn Institute for Employment Research, 1984.
- "The Changing Economic Benefits of College Graduates." Economics of Education Review 3 (1984): 3-11.
- "The Growing Imbalance Between Education and Work." Phi Delta Kappan 65 (January 1984): 342-346. Reprinted in Standard Education Almanac, 17th Edition, September 1984; Education and Society, edited by Kevin J. Dougherty and Floyd M Hammock (New York: Harcourt, Brace, Jovanovich, 1989).
- "The Future Impact of Technology on Work Skills," (with Henry M. Levin). In The World of Work: Careers and the Future, edited by Howard F. Didsbury, Jr., pp. 247-253. Bethesda, MD: World Future Society, 1983. Reprinted in School Shop 44 (April 1985): 55-60.
- "Dropping Out of High School: The Influence of Race, Sex, and Family Background." American Educational Research Journal 20 (Summer 1983): 199-220.
- "Education and Training," (with Joan E. Crowley and Thomas K. Pollard). In Tomorrow's Workers, edited by Michael E. Borus, pp. 103-148. Lexington, Ma.: Lexington Books, 1983.
- "The Influence of Family Background on Education, Earnings, and Wealth." Social Forces 61 (March 1983): 755-773.
- "The Impact of High School Curriculum on the Earnings and Employability of Youth," (with Thomas N. Daymont). In Job Training for Youth, edited by R. E. Taylor, H. Rosen, and F.

C. Pratzner, pp. 279-305. Columbus, OH: The National Center for Research in Vocational Education, 1982.

"Recent High School and College Experiences of Youth: Variations by Race, Sex, and Social Class." Youth and Society 13 (June 1982): 449-470.

"The Changing Skill Requirements of Jobs in the U.S. Economy." Industrial and Labor Relations Review 34 (July 1981): 578-590. Reprinted in Perspectives on Employee Staffing and Selection, edited by George F. Dreher. Homewood, IL: Richard D. Irwin, 1983.

"The Rising Incidence of Overeducation in the U.S. Labor Market." Economics of Education Review 1 (Summer 1981): 293-314.

"Segmentation in the U.S. Labour Market: Its Effects on the Mobility and Earnings of Whites and Blacks," (with Martin Carnoy). Cambridge Journal of Economics 4 (June 1980): 117-32.

"The Economic Decline of College Graduates: Fact or Fallacy?" Journal of Human Resources 15 (Winter 1980): 99-112. Reprinted in Annual Review of Research in Vocational Education, edited by Tim L. Wentling. Urbana-Champaign, IL: Office of Vocational Education Research, University of Illinois, 1980.

"Economic Studies of Segmented Labour Markets in the United States," (with Martin Carnoy). In Education, Work, and Employment. Vol II, by Martin Carnoy, Henry M. Levin, and Kenneth King. Paris: International Institute for Educational Planning, UNESCO, 1980.

#### POLICY BRIEFS AND NEWSLETTER ARTICLES:

"Student and School Predictors of High School Graduation in California." (with Brenda Arellano). California Dropout Research Project Policy Brief 5 (December 2007).

"Lagging Behind: Linguistic Minorities' Educational Progress During Elementary School." UC Linguistic Minority Research Institute Newsletter 12 (Winter 2007): 1-2.

"Where California's English Learners Attend School and Why It Matters" (with Patricia Gándara and Barbara Merino ) UC Linguistic Minority Research Institute Newsletter 15 (Winter 2006): 1-2.

"How Well are California's English Learners Mastering English?" (with Patricia Gándara) UC Linguistic Minority Research Institute Newsletter 14 (Winter 2005): 1-2.

"Preschool for California's Children: Promising Benefits, Unequal Access" (with Margaret Bridges, Bruce Fuller, and Loan Tran). PACE Policy Brief 04-3 (September 2004): 1-12.

"Has Proposition 227 Reduced the English Learner Achievement Gap?" (with Rebecca M. Callahan and Patricia Gándara) UC Linguistic Minority Research Institute Newsletter 13 (Fall 2003): 1-2.

- “How Quickly are California English Learners Reaching English Proficiency?” (with Patricia Gándara) UC Linguistic Minority Research Institute Newsletter 12 (Spring 2003): 1-2.
- “Language Minority Students Account for Most of California's Enrollment Growth in Past Decade.” UC Linguistic Minority Research Institute Newsletter 12 (Fall 2002): 1-2.
- “The Growing Achievement Gap for California English Learners” (with Patricia Gándara). UC Linguistic Minority Research Institute Newsletter 11 (Winter 2002): 1-2.
- “Language Minorities Account for California’s Entire Population Growth in the 1990s” UC Linguistic Minority Research Institute Newsletter 10 (Fall 2001): 1-2.
- “Post-227 Enrollment in Bilingual Education Continues to Decline.” UC Linguistic Minority Research Institute Newsletter 10 (Fall 2000): 1-2.
- “Academic English Key to Long Term Success in School” (with Robin Scarcella). UC Linguistic Minority Research Institute Newsletter 9 (Summer 2000): 1-2.
- “Crucial Issues in California Education 2000: The Schooling of English Learners (with Patricia Gándara). UC Linguistic Minority Research Institute Newsletter 9 (Spring 2000): 1-2.
- “The Educational Consequences of Mobility for California Students and Schools” (with Katherine A. Larson, Gregory J. Palardy, and Robert K. Ream). PACE Policy Brief (March 1999): 1-12.
- “Why ELD Standards are Needed for English Learners” (with Barbara Merino). UC Linguistic Minority Research Institute Newsletter 8 (Spring 1999): 1.
- “The Hazards of Changing Schools for California Latino Adolescents” (with Katherine A. Larson, Gregory J. Palardy, Robert K. Ream, and Nina C. Schleicher). CPS Brief 10 (October 1998): 1-7.
- “California LEP Enrollment Growth Rate Falls.” UC Linguistic Minority Research Institute Newsletter 8 (Fall 1998): 1-2.
- “Capturing Latino Students in the Academic Pipeline” (with Patricia Gándara, Hugh Mehan, and Katherine Larson). CPS Brief 10 (May 1998): 1-12.
- "Recent Trends in California School Enrollment," ELI Statistical Brief, Number 1. Santa Barbara: Educational Leadership Institute, University of California, August 1991.
- "Skills, Schooling, and Technology: Choosing a Proactive Role for Education," (with Henry M. Levin). IFG Policy Perspectives 6 (Summer 1985): 1-4. Reprinted as "Education for the High-Tech Age" in The Public Education Networker No. 2 (1985/86).

"How Much 'Tech' Do High-Tech Workers Need?" Voc Ed 59 (April 1984): 32-34.

"Secondary Education in An Age of High Technology," (with Henry M. Levin). NASSP Bulletin 67 (December 1983): 49-55. Reprinted in Standard Education Almanac, 17th Edition, September 1984.

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#### OP-ED ARTICLES:

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"California's exit exam fails employers." Los Angeles Times, January 29, 2006.

"Other view: Under NCLB, state tinkers with dropouts." (with Daniel J. Losen) Sacramento Bee, April 29, 2005.

"Get Ready for Dropout Shock." (with Alan Bonsteel) Los Angeles Daily News, May 16, 1999.

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"Government Spending: Who Benefits?" Christian Science Monitor, June 17, 1984.

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"High-Tech Requires Few Brains," (with Henry M. Levin). Washington Post, January 30, 1983. Reprinted in New Ways to Work Newsletter (Summer 1983), NABW Journal (September/October 1983), Community Education Journal (July 1983), The Stanford Educator (Summer 1983), School Research Forum (May 1983).

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Hierarchical Linear Models: Applications and Data Analysis Methods, by Anthony S. Bryk and Stephen W. Raudenbush. Economics of Education Review 16 (1997): 348.

Dropouts from School: Issues, Dilemmas, and Solutions, edited by Lois Weis, Eleanor Farrar, and Hugh G. Petrie. Contemporary Sociology 30 (September 1991): 785-786.

Research in the Sociology of Work: Vol. 4. High Tech Work, edited by Richard L. Simpson and Ida Harper Simpson. Contemporary Sociology 29 (May 1990): 397-398.

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Career Lines and Careers, by Kenneth I. Spenner, Luther B. Otto, Vaughn R. A. Call. Industrial and Labor Relations Review 37 (July 1984): 637-638.

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Racial Inequality, by Michael Reich. Review of Radical Political Economics 14 (Winter 1982): 71-72.

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#### REPORTS AND UNPUBLISHED PAPERS:

- “Educational Outcomes and Opportunities for English Language Learners.” Written testimony presented to the Joint Committee to Develop the Master Plan for Education, Kindergarten through University, California Legislature, September 13, 2000.
- “Who Drops Out of School and Why.” Paper prepared for the National Research Council, Committee on Educational Excellence and Testing Equity Workshop, *School Completion in Standards-Based Reform: Facts and Strategies*, Washington, D.C., July 17-18, 2000
- “Can Mentoring Improve Academic Achievement? Results from a 3-Year Evaluation of an Early Adolescent Program” (with Mary E. Brenner). Paper prepared for the annual meeting of the American Educational Research Association, New Orleans, April 24-29, 2000.
- “Mediating Multiple Contexts for Reducing School Dropout in Highest Risk Latino Youth” (with Katherine A. Larson). Paper presented at the annual meeting of the American Educational Research Association, New Orleans, April 17-21, 1994.
- "The Definition and Measurement of Workplace Literacy," Discussion paper prepared for the California Workforce Literacy Taskforce, January 1990.
- "Educational Requirements for New Technologies and Work Organization: Research Plan," Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco, March 27-31, 1989. Revised September 1989.
- "Assessing Work Skills: Conceptual and Methodological Issues." Report No. 89-CERAS-14. Center for Educational Research at Stanford, Stanford University, June 1988.
- "The Impact of Surplus Schooling on Worker Productivity," (with Henry M. Levin and Mun C. Tsang). Stanford University: Stanford Education Policy Institute Report No. 86-SEPI-15, August 1986.
- "The Changing Industrial Structure of the U.S. Economy: Its Impact on Employment, Earnings, and Educational Requirements of Jobs." Stanford University: Stanford Education Policy Institute Report No. 86-SEPI-8, July 1986.
- "The Growing Problem of Youth Unemployment: Causes and Policy Solutions." Paper presented at the ECS Business/Education Advisory Forum on Youth Policy, Washington, D.C., March 7-8, 1985. IFG Policy Report 85-C1.
- "The Employment Impact of Government Spending." Paper presented at the fifth annual meeting of the International Working Party on Labor Market Segmentation, Aix-en-Provence, July 18-22, 1983. IFG Project Report 83-A11.
- "A Conceptual Framework for Analyzing Work Skills." Paper presented at an experts meeting on the OECD project: Development and Utilization of Human Resources in the Context of Technological Change and Industrial Restructuring, Paris, November 15-16, 1982. IFG Project Report 83-A8.

"Social Mobility and Public Sector Employment." Paper presented at the annual meeting of the American Political Science Association, Denver, September 2-5, 1982. IFG Project Report 83-A2.

"The Structure of Work and the Underutilization of College Educated Labor." Paper presented at the fourth annual meeting of the International Working Party on Labor Market Segmentation, Oslo, July 26-30, 1982. IFG Program Report 82-B7.

"Education, Productivity, and Unemployment." IFG Project Report 83-A14. Stanford: Institute for Research on Educational Finance and Governance, Stanford University. May 1983.

"Education, Training, and the Structure of the Labor Market: Some Preliminary Results from the NLS." Technical Report. Paris: IIEP, November 1978.

"Longitudinal and Cross-Sectional Survey Data: A Critical Evaluation." Technical Report. Paris: IIEP, October 1978.

"Segmented Labor Markets: Some Empirical Forays," (with Martin Carnoy). Technical report 75-2. Palo Alto, Ca.: Center for Economic Studies, September 1975.

## RESEARCH GRANTS

"California High School Dropout Project." The [Bill and Melinda Gates Foundation](#), The [William and Flora Hewlett Foundation](#), The [James Irvine Foundation](#) and The [Walter S. Johnson Foundation](#). December 2006-June 2008. \$850,000.

"Investigating State, District, and School Variability in the English Learner Achievement Gap." Institute for Educational Sciences. U.S. Department of Education. June 2006-September 2007. \$91,763.

"The Availability and Benefits of Preschool in California." Co-principal Investigator with Bruce Fuller. Packard Foundation. December 2003-October 2005. \$142,180.

"Promoting Early Academic Achievement of California's English Learners." Principal Investigator. Latino Policy Institute, University of California. April 2003-September 2003. \$9,967.

"The Characteristics of Effective Elementary Schools for California Latino Students." Principal Investigator. Latino Policy Institute, University of California. April 2002-January 2003. \$22,176.

"Does Segregation Matter? The Impact of Student Composition on Academic Achievement." Principal Investigator. American Educational Research Association. July 1, 1999-June 30, 2001. \$25,000.

- “Evaluation of the Academic Volunteer and Mentor Service Program.” Co-Principal Investigator with Mary E. Brenner. Gevirtz Research Center, UC Santa Barbara. September 1998-August 2001. \$50,000.
- “The Causes, Consequences, and Policy Implications of Student Mobility in California.” Co-Principal Investigator with Katherine Larson. Stuart Foundation. September 1996-June 1999. \$214,000.
- “The Impact of Residential and Educational Mobility on the Educational Achievement of High-Risk Latino Youth.” Co-Principal Investigator with Katherine Larson. Latina/Latino Policy Research Program, University of California. September 1994-August 1996. \$44,000.
- “Reducing School Dropout in Los Angeles Latino Youth: A Follow-up Evaluation of a Middle School Intervention.” Co-Principal Investigator with Katherine Larson. The John Randolph Haynes and Dora Haynes Foundation. August 1993-December 1994. \$65,349.
- “Why Students Drop Out of Middle School: A Comprehensive, Multilevel Analysis.” Principal Investigator. American Education Research Association. May 1991-April 1994. \$15,000.
- “Middle School Success: The Costs and Effectiveness of Transition Strategies for Preventing Hispanic Dropouts.” Co-Principal Investigator with Katherine Larson. University of California Presidential Grants for School Improvement. January 1991-December 1991. \$42,383.
- “Proactive Schooling: Preventing Dropout in Highest Risk Adolescents.” Faculty Researcher. U.S. Department of Education, Office of Special Education. September 1990-August 1994. \$1,097,216.
- “Teacher Perceptions of Task-Related and Social-Emotional Behavior and Family Characteristics of Hispanic LEP and non-LEP Adolescents At-Risk for School Dropout.” Co-Principal Investigator with Katherine Larson. University of California Linguistic Minority Research Project. July 1990-July 1991. \$7,500.
- “The Impact of College Quality and Major on Graduates' Earnings.” Principal Investigator. University of California, Santa Barbara, Academic Senate. September 1987-June 1989. \$2,000.
- “Toward Understanding the Causes of Dropping Out.” Stanford Center for Youth Development and the Spencer Foundation. October 1986-June 1988. \$15,000.
- “Educational Requirements for New Technologies and Work Organization.” Co-Principal Investigator with Henry M. Levin. Spencer Foundation. April 1986-March 1989. \$300,000.

"Overeducation in the U.S. Labor Market: Implications for Postsecondary Educational Policy." U.S. Department of Labor, Doctoral Dissertation Grant. September 1976-August 1977. \$10,210.

### PROFESSIONAL ACTIVITIES

Awards: Outstanding Reviewer, American Educational Research Association  
(2004)

Member: American Educational Research Association (1976 to present)  
Sociology of Education Association (1992 to present)  
NRC Committee on Increasing High School Students' Engagement and Motivation to Learn (2001 to 2003)  
NISS/EISS Task Force on Graduation, Completion and Dropout Indicators (2004)  
Advisory Board, Editorial Projects in Education (2006 to present)  
Policy Research Panel, Policy Analysis for California Education (PACE) (2006 to present)  
Executive Board, UC All-Campus Consortium on Research for Diversity – UC ACCORD (2004 to present)  
High School Longitudinal Study of 2009 (HSL:09) Technical Review Panel (2007 to present)

Officer: AERA, Program Chair, Division G (1988, 1990)  
SEA, Program Chair (1996, 2006), President (1999-2000)

Editorial Board: Review of Educational Research (1991 to 1993)  
American Educational Research Journal (2000 to 2005)  
Economics of Education Review (1990 to present)  
Teachers College Record (1996 to present)  
Sociology of Education (2004 to present)

Ad-hoc Referee: American Educational Research Journal  
American Journal of Education  
American Sociological Review  
Child Development  
Economics of Education Review  
Educational Administration Quarterly  
Educational Evaluation and Policy Analysis  
Educational Psychologist  
Educational Researcher  
Journal of Educational Psychology  
Journal of Education for Students Placed At Risk  
Journal of Human Resources  
Institute for Educational Sciences (USDOE)  
National Research Council

Policy Studies Journal  
 RAND  
 Review of Educational Research  
 Sociology of Education  
 Spencer Foundation  
 Teachers College Record  
 William T. Grant Foundation

Participant: Sixty-Fifth American Assembly on Improving American Innovation

Witness: U.S. House of Representatives, Subcommittee on Science, Research,  
 Technology  
 U.S. House of Representatives, Subcommittee on Economic Stabilization  
 California Legislature, Joint Committee to Develop the Master Plan for  
 Education, Kindergarten through University  
 California Legislature, Select Committee on Bridging the Achievement  
 Gap  
 California Legislature, Select Committee on High School Graduation

Consultant: National Center for Research in Vocational Education,  
 Ohio State University  
 Inter-American Development Bank, Washington, D.C.  
 National Center for Education Statistics, Washington, D.C.

Selected Presentations: “The Impact of Student Composition on Academic Achievement in  
 Southern High Schools.” Conference, *Resegregation in Southern  
 Schools*, University of North Carolina-Chapel Hill, August 29-30, 2002.  
 “Secondary Data Analysis,” OSEP Conference, Washington, D.C., July  
 2001  
 “Who Drops Out of School and Why,” National Research Council,  
 Committee on Educational Excellence and Testing Equity Workshop,  
*School Completion in Standards-Based Reform: Facts and Strategies*,  
 Washington, D.C., July 17-18, 2000  
 “School Effectiveness,” Beijing University, October 1999  
 “Student Mobility and the Assessment of Students and Schools,” CRESST  
 Conference, UCLA, September 1999  
 “Student Mobility in California, California State Board of Education, May  
 1999  
 “Schooling in America,” Fiji Ministry of Education, March 1997  
 “Non-Linear Hierarchical Linear Modeling: An Overview and  
 Application, Australian Council for Educational Research, Melbourne,  
 February 1997  
 “The Changing Skill Requirements of Jobs in the U.S.,” University of  
 Sussex, May 1990  
 II World Basque Congress, Conference on Education,  
 Bilbao, Spain, October 1987

Selected  
Television, Radio  
Interviews:

CNN News, February 25, 2006  
KNBC Los Angeles, January 20, 2006  
The News Hour with Jim Lehrer, April 26, 2005. Trascript available at:  
[http://www.pbs.org/newshour/bb/education/jan-june05/dropouts\\_4-26.html](http://www.pbs.org/newshour/bb/education/jan-june05/dropouts_4-26.html).  
Today Show, June 1983