Latina Parent Involvement: The Role of Maternal Acculturation and Education

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Abstract

The present study examined Latina mothers' acculturation and education levels with respect to various sociocultural, personal, and contextual factors related to mothers' level of parental involvement. The sample consisted of 158 Latina mothers who were the primary care providers of their first grade children. The results indicated that although less acculturated Latinas reported less knowledge about school activities and more barriers to involvement, they also report higher levels of perceived efficacy relevant to parent involvement, higher educational expectations, and greater spousal support. The findings highlight the importance of examining the within-groups differences related to Latino populations and questions prevalent assumptions regarding the role of acculturation with regard to parental involvement.

Introduction

Commission reports and national surveys all indicate that Latino youths, especially Latinos of Mexican and Puerto Rican ancestry, experience excessive rates of negative educational outcomes (National Center for Education Statistics, 1990; National Commission on Secondary Education of Hispanics, 1984). The Latino school dropout rate, which hovers at or above fifty percent in several major urban school districts, illustrates the overwhelming extent of their school failure (Hammack, 1986). Although Latino adolescents' edu-

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cational outcomes capture most of the research and media attention, there is strong evidence that indicate that failure trajectories are set during the early elementary school years (Coleman et al., 1966; NCES, 1990; NCSEH, 1984).

Amidst this educational crisis, "parent involvement" has been identified as one of several factors which can promote students' success (Coleman, 1987; Epstein, 1990, National Commission on Educational Excellence in Education, 1983; Oakes & Lipton, 1990). Unfortunately, relatively few studies examining the prevalence and efficacy of parent involvement have included Latinos. This is particularly disconcerting since Latinos are both one of the fastest growing and most educationally at risk segments of the U. S. population (Chapa, & Valencia, 1993).

Of the parental involvement studies that have included Latinos, many suffer from various methodological shortcomings. Many comparative studies, for example, have confound racial/ethnic with social class (Coleman et al., 1966; Lynch & Stein, 1987; Stein, 1983; Stevenson et al., 1990). Studies that have included immigrant populations (i.e., Latino, Asian, etc.) generally have not taken into account variables such as acculturation, length of residence in U. S. or generational status. Furthermore, when group differences were revealed, the reason for the differences were often not well explained. Consequently, although past studies have documented Latino parents' relatively low level of parental involvement, cogent explanations for why this is the case have not been present in the literature.

The Nature of Parental Involvement

Although parents have been involved in their children's education since the inception of public schooling, there have been a number of recent efforts to broaden the notion of "parental involvement" (Melaragno et al., 1981; Davies, 1987; Jackson & Cooper, 1989). Drawing on the increasing emphasis of an ecological understanding of human behavior (Bronfenbrenner, 1979; 1986b; Harrison et al., 1990; Slaughter-Defoe et al., 1990; Epstein, 1990), provides a useful and comprehensive categorization of parent involvement. Epstein's typology (for a detailed discussion see Epstein, 1990), recognizes that parents engage in and participate in their children's education along a number of dimensions. She describes five types of involvement:

TYPE 1. *The basic obligations of parents* refer to responsibilities of families for children's health and safety; parenting and child-rearing skills to prepare children for school; supervision, discipline, and guidance for children at each age level; and *positive home conditions* that support school learning and behavior appropriate for each grade level.

TYPE 2. *The basic obligations of schools* refer to the *communications from*

school-to-home about school programs and children's progress, including the form and frequency of communications such as memos, notices, report cards, and conferences to inform all parents about school programs and their children's progress.

TYPE 3. *Parent involvement at school* refers to parent volunteers who assist teachers, administrators, and children in classrooms or in other areas of the school. It also refers to parents who come to school to support and watch student performances, sports, and other events.

TYPE 4. *Parent involvement in learning activities at home* refers to parent-initiated, child-initiated requests for help and, particularly, to ideas from teacher for parents to *monitor and assist their own children* at home on learning activities that are coordinated with the children's class work.

TYPE 5. *Parent involvement in governance and advocacy* refers to parents in *decision-making* roles in the decision-making PTA/PTO, Advisory Councils, or other committees or groups at the school, district, or state level. It also refers to parent and community activists in independent advocacy groups that monitor the schools and work for school improvement (pp. 113-114).

The Influences on Parental Involvement

Although many of the factors discussed below have not been extensively utilized among Latinos, the general literature has suggested a number of factors that may influence parents' desire or ability to participate in their children's schooling. In general, these factors can be classified into three areas: *personal /psychological*, *contextual* and *sociocultural*.

Personal & Psychological Factors

Much has been written about the relationship between parents' personal and psychological factors and children's educational development (Goodnow, 1988; Marjoribanks, 1979; Miller, 1988; Sigel, 1985). This interest stems, in part, from a conviction that parents' behaviors mediate the relationship between parental beliefs and children's developmental outcomes (Miller, 1988). Several psychological factors have been cited as particularly relevant to parents' level of involvement in their children's education, these include: parental role, aspirations for their children, self-efficacy, and knowledge.

Parental role definition. Parents' understanding of their roles is crucial because it is an important link between their individual behaviors and a particular social situation (i.e., their children's schooling). For example, even if parents have high educational aspirations for their children and have high efficacy beliefs about their ability, they will be less likely to involve themselves in their children's schooling if they do not believe that they *should* be responsible for the education of their children. In general, those parents who

believed that they should be involved in their children's education are more likely to report being involved in their children's education than parents who did not accept this role definition (Meighan, 1989; Schaefer & Edgerton, 1985; Sigel, 1985).

Parental aspirations. As suggested earlier, parents' educational aspirations for their children has been established as an important predictor of their involvement in their children's schooling (Henderson, 1981; Hess & Holloway, 1984). This relationship has been observed within the Latino populations as well (Anderson & Johnson, 1970; Henderson & Merrit, 1968; Soto, 1988). In general, parents with high aspirations for their children's educational attainment are more likely to involve themselves in their schooling than parents with low aspirations for their children's educational attainment.

Parental efficacy. Self-efficacy refers to people's expectations that they can successfully cope in particular situations (Bandura, 1977). With respect to parent involvement, parents who perceive themselves as competent tend to become more involved in their children's education than their less competent counterparts. Although the relation between parental efficacy and parent involvement has been supported in several studies (Hess, 1969; Schaefer & Edgerton, 1985; Swick, 1987; 1988), it has not been widely studied among Latinos. This is problematic for two reasons: 1) although parental-efficacy has been shown to be positively related to parental schooling attainment (Swick, 1988), educational attainment among Latinos is particularly low with respect to the rest of the U. S. population, 2) Latino parents' level of acculturation may influences their level of familiarity with their children's schools and their roles as parents within these schools (Delgado-Gaitan, 1990; Stevenson et al., 1990). Ultimately, Latino parents' lack of familiarity with the American school system may also influences their efficacy beliefs regarding involvement in their children's schooling.

Parent's knowledge of school activities. Researchers have found that parents' knowledge of school-related activities was an important factor in their level of involvement (Delgado-Gaitan, 1990). Among Mexican Americans, Delgado-Gaitan reported that parents' social isolation from other families and lack of English-language-proficiency "created a knowledge gap" (p. 141) which influenced their involvement patterns. Similarly Klimes-Dougan et al. (1990) found that Latino parents with greater levels of knowledge about parent involvement activities and opportunities reported greater levels of involvement than Latino parents with lower levels of knowledge.

Contextual Factors

School climate. Researchers argue that environments, and in this case schools, have "unique personalities" which facilitate or constrain certain behaviors. Moreover, "the way one perceives his surroundings or environment

influences the way one will behave in that environment" (Insel & Moos, 1971, p. 179). Although researchers have found a positive relationship between parent involvement and school climate (Haynes, Comer, and Hamilton-Lee, 1989), little evidence exists which examines Latino parents perceptions of school climates and its relation to parental involvement. Anecdotal evidence has suggested that Latino parents may perceive the school environment as uncomfortable, cold, and indifferent to their needs (Lopez, 1977; Nieto, 1985). This may be due in part to Latino parents lack of familiarity with U.S. schools (at least for more recent immigrants). Thus Latino parents may feel less welcomed in their children's schools and be less involved in their child's education.

Social support. Researchers have suggested that parents' social support systems enable them to involve themselves in their children's schooling (Clark, 1983; Epstein, 1990). However, the influence of social support and Latino parent involvement has not been formally studied. In general, research have found a significant positive relationship between Mexican-Americans levels of social support, socioeconomic and acculturation level. Specifically, Mexican Americans with higher levels of acculturation and educational status report higher social support networks and more frequent contact with their network members that less acculturated and less educated Mexican Americans (Griffith & Villaviciencio, 1985).

Barriers. A variety of factors are thought to interfere with parents' involvement practices. According to Adelman (1990), barriers to parent involvement fall into three categories: personal (e.g., lack of interest on the part of specific parents and teachers, parents' and teachers' perceptions of their roles, lack of requisite skills by parents and teachers), impersonal (e.g., practical problems due to conflicting work schedules of parents and teachers, child care, transportation), and institutional factors (e.g., lack of bilingual staff, inadequate training of teachers, inadequate resources to support teachers' efforts to increase parent involvement). Each of these categories may take the form of negative attitudes, lack of mechanisms/skills, or practical deterrents.

Sociocultural Factors

Commonly referred to as demographic variables sociocultural factors (i.e., ethnicity/race, education level, etc.) have been shown to important for understanding a parents' level of participation in their children's education.

Ethnicity/Race. Several researches have suggested that ethnicity and/or race is an important indicator of parents' level of involvement. Lynch & Stein (1987), for example, found that Latino parents reported significantly lower levels of involvement in their children's educational planning decisions when compared to their African-American and Non-Hispanic White counterparts. Similarly, Stevenson, Chen, and Uttal (1990), found that —despite having

very positive attitudes toward their children's schooling — Latino mothers reported being less involved in their children's schooling than African-American and non-Hispanic White parents.

SES. Research has consistently found that parents from middle- and high-socioeconomic backgrounds are more likely to participate in their children's education than parents from low socioeconomic backgrounds (Epstein, 1990; Hoover-Dempsey et al., 1987; Lareau, 1989; 1984; Stevenson, Chen, and Uttal, 1990). Similarly maternal education level has been a particularly important variable for understanding teaching interactions in the home among Mexican American mothers (Laosa, 1982, Moreno, 1997). In fact, Laosa (1982) argues persuasively that maternal education is often a better indicator of educational related activities than broader measures like socioeconomic status.

Acculturation. Acculturation is a process of cultural change. It occurs when individuals are exposed to a new culture and a process of cultural learning and behavioral adaptation takes place (Marín and Marín, 1991). A person's level of acculturation has been shown to be an important factor for understanding Latinos across a number of contexts (Marín & Marín, 1991). Reuschenberg and Buriel (1987), for example, found a positive relationship between parental acculturation level and their involvement with their children's schools. Similarly, Anderson and Johnson (1968, p. 11) found that "the amount of (parental) assistance that children report increases with each generation."

Major Research Objective

More recent qualitative research has suggested that the processes by which Latino parents impact their children's academic achievement may differ from their White middle-class counterparts (Delgado-Gaitan, 1990; Gándara, 1995; Valdés, 1996). Thus, more in-depth research is necessary to identify the unique issues facing Latino families' ability to participate in the education of their children.

The main objective of this study is to investigate the influence of acculturation and family socioeconomic status on Latina mothers' involvement in their children's schooling. More specifically, this study will investigate the influence of sociocultural factors on (1) personal and psychological factors, (2) contextual factors, and (3) level of involvement.

Method

Participants

Participants were selected from a pool of parents with a child enrolled in

first-grade in one of five elementary school in the Los Angeles Unified School District. The five schools were selected on the basis of their high Latino student enrollments and their ongoing participation in a federally-funded school dropout prevention research program. Of the 399 parents with children with children in the program, 65% (263) parents were Latino. Of the 263 Latino parents, 60% participate in the study.

The mothers were identified and contacted by trained interviewers. Interviewers were fluent in both Spanish and English. Upon consent, all participants were administered an 80 item questionnaire (in the mother's preferred language). The interview required 30 to 45 minutes to complete.

The sample consisted of 158 Latina mothers who were the primary care providers of their first grade children (51% male, 49% female). The average age of the mothers was 33 years (SD = 6.12), with 64% of the mothers possessing less than high school education and only 36% of the mothers with greater than high school education. The mothers also varied in ethnic background with 78% of the mothers self-identifying as "Mexican American," 16% as "Central American," 1% as "South American" and 5% as "other." As for marital status, 75% of the mothers reported that they were in an intact two-parent family, 18% divorced or separated, 1% widowed, and 6% single mothers. The mothers average length of residence in the United States was 13 years (SD = 6.60).

Measures

The questionnaire consisted of four categories: (1) socio-cultural, (2) personal/psychological, (3) contextual and, (4) involvement in their children's schooling.

Sociocultural. Participants were asked to provide information on their age, marital status, acculturation status, length of time in the U.S., number of children and adults in home, and the educational and occupational level of respondent and her spouse/partner.

Personal and psychological. Mothers were asked to respond to four areas to assess their perceptions and attitudes toward parental involvement: (a) role definition, (b) perceived efficacy, (c) school knowledge and (d) educational expectations for their child.

Role definition consisted of six items designed to assess parents' attitudes toward their role in their children's educational development. Three items were drawn from Schaefer & Edgerton's Parental Modernity Scale (1985) with three additional items developed specifically to assess specific parent involvement activities. The role definition score was computed by summation of the responses to the individual items. A possible score ranged from 6 to 12 points.

Perceived efficacy consisted of seven items drawn from the Parenting Sense

of Competence (PSOC) scale (Johnston & Mash, 1989). Items were slightly modified to specifically address parents' perceived efficacy for parent involvement situations. In addition, pilot testing suggested that the respondents were not responsive to the subtle distinctions between the 4-point scale. As a result the items were modified to a 2-point scale ("agreed" or "disagreed").

School knowledge consisted of 10 questions asking parents their knowledge regarding the presence of common school-related activities. The school knowledge score was computed by summation of the number of "yes" responses.

Educational expectations consisted of three multiple-choice items which question parents regarding their short-term and long-term educational exceptions for their children (Seginer, 1983).

Contextual. Three measured were used to assess mothers' perception of contextual factors relevant to parent involvement: (a) school climate, (b) social support, and (c) barriers.

School climate was a 5 item measure of the parents' perceptions of the school environment with regard to parental involvement (i.e., "Do you believe that even parents with little education are welcomed at school?"). Each item was scored on a four point scale (1 = "never" to 4 = "almost always"). The school climate score consisted of the mean response of the five items.

Social support assessed the perceptions of the support and assistance parents received from the family members and friends regarding school involvement. Mothers were asked to identify the number of family members (from a list of 10 family members) who provide assistance and the frequency ("every few days" to "every few months") (Griffith & Villaviciencio, 1985). The social support measure yielded four scores familial support (mean size and frequency) and non-familial support (mean size and frequency).

Barriers to parental involvement were assessed in two steps. First mothers' were asked whether they experienced difficulty being involved in their children's education. If the mother responded "yes," then the interviewer read a list of 9 common problems. The mothers were asked to indicate which problems they encountered that made it difficult for them to be involved. The barrier score was the sum total number of problems identified by the mother. A possible score ranged from 0 to 9.

Mothers' reported level of involvement. Mothers level of involvement was assessed in two parts. First, mothers were asked if they participated in the various involvement activity. The measure included two involvement activities from each of the five types of parent involvement (Epstein, 1990). If the responded yes to any activity, they were asked how often. The level of involvement yielded two scores mean, *quantity of involvement* and mean *frequency of involvement.*

Results

The analyses were organized with respect to the major research objectives. First, using a median split, the sample was divided into two groups according to their level of acculturation. Then a series of t-tests and chi squares were conducted to assess the difference among the two groups (see Table 1). Acculturated mothers reported living in the U.S. for a greater number of years, $t=(94.6) = 11.47$, $p< .0001$. They also reported more years of schooling $t(138.4) = 9.99$, $p < .001$, and were more likely to receive their education in the U.S. $X^2 (1) = 118.73$, $p < .0001$.

Personal and Psychological Factors

Next a series of 2X2 ANOVAs was conducted, with ACCULTURATION (high, low) and MATERNAL EDUCATION (less than high school vs. high school or greater) as factors, were conducted examining the mothers' personal attitudes and beliefs regarding parental involvement.

Role definition. The analysis indicated a significant main effect for *maternal educational* on parents' role definition in their children's education $F(1,155)$

Table 1: Demographic Characteristics by Acculturation Level

	High Acculturation (n=61)		Low Acculturation (n=97)		
	m	sd	m	sd	t
Mothers' Age	32.37	(7.08)	33.39	(5.38)	-1.08
Number of Children in the Home	2.80	(1.27)	3.28	(1.32)	-1.77
Number of Years in U.S.	28.72	(9.76)	12.43	(6.60)	11.4***
Mothers' Years of Schooling	11.47	(1.56)	7.13	(3.75)	9.99**
Mothers' Schooling Education					X^2
Latin-America	13%		98%		
U.S.	87%		2%		118.73***

* p<.05
** p<.01
*** p<.001

= 34.85, p=.0001. The findings indicated that mothers with at least a high school education defined a greater role in their children's education.

Perceived efficacy. There was a significant main effect for *acculturation* on perceived efficacy, F(1,155) = 3.97, p <.04, indicating that more acculturated mothers reported higher levels of perceived efficacy than their less acculturated counterparts. There was also a significant *acculturation* x *maternal education* interaction, F (1, 155) = 6.03, p < .01. The findings showed that although the perceived efficacy of more acculturated remained constant across educational status levels, the less acculturated mothers with at least a high school education scored significantly higher than less acculturated mothers with less than a high school education.

School knowledge. There was a significant main effect found for *acculturation* on school knowledge, F(1,155) = 15.14, p <.0001, indicating that more acculturated mothers reported greater knowledge of school activities as compared to their less acculturate counterparts.

Educational expectations. A significant main effect for *acculturation* was found on educational expectations with respect to children's grades F(1,55) = 7.71, p=.006. The analysis indicated that less acculturated mothers have higher expectations about their children's academic performance than their more acculturated counterparts. A significant main effect for *acculturation* was also found on expected school attainment F(1,155) = 6.86, p=.004, with less acculturated mothers reporting higher expected attainment from their children than more acculturated mothers.

Contextual Factors

A series of 2X2 ANOVAs, with ACCULTURATION (high, low) and MATERNAL EDUCATION (less than high school vs. high school or greater) as factors, were conducted examining the mothers' perceptions of environmental factors (see Table 3).

Barriers. A main effect was found for *acculturation* on barriers F(1,155)=4.78, p=.03. As expected, less acculturated mothers reported more barriers regarding their involvement as compared to more acculturated mothers. A main effect was also found for *maternal education* F(1,155) = 4.78, p=.03, indicating that mothers who possessed less than a high school education reported more barriers to involvement than mothers with a high school education or greater.

School climate. No significant difference were found with respect to the Latina mothers' perceptions of school climate. Overall, the mothers' reported feeling welcomed in the school setting.

Social support (Spousal support). Of the respondents who indicated some type of familial support, approximately 60% of them indicated that they received some help from their spouse or partner. A main effect was revealed

for *acculturation* on quantity of spousal support F(1,155)= 4.49, p <.05, indicating that less acculturated mothers reported the presence of spousal support as compared to more acculturated mothers. A main effect was also revealed

Table 2: Means and (Standard Deviations) of Perceptions, Attitudes, & Beliefs by Acculturation and Education

	Acculturation		Ed	Accul.	Ed X Accul.
	High M	Low M	F	F	F
Knowledge of School Act.			3.43	15.15***	1.75
<High School	9.00	7.64			
	(1.09)	(1.57)			
³ High School	8.56	7.94			
	(1.42)	(1.08)			
Perceived Efficacy			1.96	3.97*	6.03**
<High School	11.80	11.78			
	(1.83)	(1.59)			
³ High School	11.71	13.71			
	(1.48)	(1.46)			
Educational Role Definition			34.85***	2.53	0.08
<High School	9.66	9.36			
	(1.42)	(1.11)			
³ High School	10.71	10.29			
	(1.12)	(1.26)			
Educational Expectations					
1. Grades			0.04	7.71**	0.46
<High School	2.57	3.1			
	(0.81)	(0.85)			
³ High School	2.92	3.23			
	(0.87)	(0.75)			
2. Next Year			0.15	6.86**	0
<High School	3.14	3.46			
	(0.72)	(0.59)			
³ High School	3.25	3.58			
	(0.71)	(0.79)			

* p<.05
** p<.01
* * *p<.001

for *maternal education* on frequency of social support $F(1,155) = 3.89$, $p < .05$. The analyses indicated that less educated mothers reported more frequent support from their spouses than their more educated counterparts. A main effect was also found for *acculturation* $F(1,155) = 4.08$, $p < .04$, showing that less acculturated mothers reported more frequent support from their spouses than more acculturated mothers.

Parental Involvement

A series of 2X2 ANOVAs, with ACCULTURATION (high, low) and MATERNAL EDUCATION (less than high school vs. high school or greater) as factors, were conducted examining the mothers' level of parental involvement (see Table 4).

There was no significant difference with respect to quantity of parental involvement. However, a main effect was found for maternal education on frequency of involvement $F(1,155) = 6.32$, $p < .01$, indicating that mothers with more education engaged in parental involvement activities more frequently.

Discussion

The results of the study highlight the importance of examining "within-groups" differences related to Latino populations. There were several important findings indicating the relationship between sociocultural, personal/psychological, contextual factors and mothers' level of involvement.

Personal & Psychological Factors

The mothers' education level is particularly relevant to understanding how mothers defined their role with respect to their children's education. Simply put, more educated mothers view their participation as "part of their job" more than less educated mothers. This is the case regardless of the mothers' acculturation level. However, the findings also indicate that Latina mothers who have at least a high school education or greater, but are less acculturated have the greatest level of self efficacy with regards to their involvement in their child's schooling. Similarly, less acculturated mothers also have higher

Table 3: Means and (Standard Deviations) of Mothers' Perceptions of Contextual Variables by Acculturation and Education

	Acculturation		Ed	Accul.	Ed X
Accul.		High	Low		
		M	M	F	F F
School Climate	3.08	3.22	0.68	0.05	1.17
<High School	(0.76)	(0.66)			
	3.33	3.20			
³ High School	(0.65)	(0.62)			
Social (Spousal) Support					
1. Qty.			1.01	4.49*	0.01
<High School	0.57	0.75			
	(0.50)	(0.43)			
³ High School	0.58	0.76			
	(0.49)	(0.43)			
2. Frequency			3.89*	4.08*	0.27
<High School	4.85	5.17			
	(1.52)	(0.91)			
³ High School	4.46	4.52			
	(1.41)	(1.32)			
Barriers			12.25***	4.78*	5.07*
<High School	1.71	2.97			
	(1.30)	(1.88)			
³ High School	1.79	1.64			
	(1.19)	(1.65)			

* p<.05
** p<.01
*** p<.001

expectations and higher expected attainment from their children than their more acculturated counterparts.

One explanation for these results may be that although less acculturated Latina mothers are "less acculturated" with respect to U. S. society, they possess their own cultural attitudes and beliefs from their country of origin which serve as a "resource" for their own self efficacy. In addition, they may possess a particular "immigrant zeal" which predisposes them to have

Table 4: Means and (Standard Deviations) of Mothers' Involvement by Maternal Education and Acculturation

	Acculturation		Ed	Accul.	Ed X Accul.
	High	Low			
	M	M	F	F	F
Parental Involvement					
1. Quantity				1.25	0.22	0
<High School	5.85	6.01			
	(2.90)	(1.69)			
³ High School	6.28	6.47			
	(1.84)	(1.54)			
2. Frequency				6.32**	1.74	1.64
<High School	2.57	2.80			
	(0.58)	(0.50)			
³ High School	2.97	2.95			
	(0.52)	(0.31)			

* p<.05

** p<.01

a particularly positive outlook for their children's future. Similar findings have been shown for Latina mothers' conceptualization of child development (Gutierrez & Sameroff, 1990, Gutierrez, Sameroff, & Karrer, 1988).

Conversely, less acculturated mothers had less knowledge of school activities than their more acculturated counterparts. This may be due to the mothers English language proficiency. With less acculturated mothers more likely to be primarily Spanish speaking, they are less likely to be informed by schools that communicate to parents in English.

Contextual Factors

We found no evidence that the mothers found the school climate as hostile or unreceptive. However, the mothers did vary in their reported perceptions of support and barriers. Less acculturated mothers were more likely to report that their spouses provided them with support. Furthermore, less acculturated mothers reported that their spouses supported them more often than their more acculturated counterparts. Similarly, less educated mothers also reported that their spouses supported them more often than their more educated counterparts.

Although somewhat counter intuitive, at least two explanations are possible. On the one hand, it may be the case that although the mothers were questioned with regards to childcare, house cleaning, etc., it may be that the less educated and acculturated mothers define "support" differently and have different expectations regarding their spouses' activities than more

educated and acculturated mothers. On the other hand, it may be the case that because less educated and less acculturated mothers face greater barriers in general, spouses provide greater assistance, to meet the demands. This is supported to some extent given that both less educated and less acculturated Latina mothers reported that they faced greater barriers to their involvement in their child's education than more educated and acculturated mothers.

Parental Involvement

Finally, we found that Latina mothers regardless of their education and acculturation participate in a wide range of parental involvement activities, ranging from "basic obligations" to "involvement in school governance." However, more educated mothers' did report that they engaged in these parental involvement activities more frequently.

Summary

As anticipated, Latina mothers' sociocultural factors such as education and acculturation are key to understudying personal and contextual factors relevant to parent involvement. With regards to the mothers' level of education, many of these findings are consistent with prior research on parental involvement with non-Hispanic Whites (Epstein, 1990; Lareau, 1987, 1989) and Mexican American populations (Delgado-Gaitan, 1990; 1991: Henderson & Merritt, 1968, Laosa, 1982; Laosa & Henderson, 1991). Moreover, these findings make conceptual sense. Latina parents' with higher educational status typically have more familiarity with the school system (i.e., knowledge), more awareness of their role vis-à-vis their children's education. These characteristics give educated Latina mother more "power" or "resources" with which to involve themselves in their children's education than their less educated counterparts.

The relationship between acculturation level and personal, contextual, and involvement factors are more complex. Although previous researchers have viewed acculturation as a "demographic" index of "resources" (i.e., less acculturated = less resources), the findings here clearly indicate that acculturation is not a simple unidimensional construct. While it is true that less acculturated Latinas reported less knowledge about school activities and more barriers to involvement, it is also true that these less acculturated Latina also report higher levels of perceived efficacy relevant to parent involvement, higher educational expectations and their children's schooling, and greater spousal support. It suggests that their cultural attitudes and beliefs from their country of origin also serve as a "resource."

References

Anderson, J.G. & Johnson, W.H. (1968). *Sociocultural determinants of achievement among Mexican-American students*. Las Cruces: ERIC Clearinghouse on Rural Education and Small Schools.

Anderson, J.G., & Johnson, W.H. (1971). Stability and change among three generations of Mexican Americans: Factors affecting achievement. *American Educational Research Journal, 8*, (2), 285-309.

Bandura, A. (1977). Self-efficacy: Toward a unifying theory of behavioral change. *Psychological Review, 84*(2), 191-215.

Bronfenbrenner, U. (1979). *The ecology of human development*. Cambridge, MA: Harvard University Press.

Bronfenbrenner, U. (1986). Ecology of the family as a context for human development: Research perspectives. *Developmental Psychology, 22*(6), 723-742.

Chapa, J., & Valencia, R.R. (1993). Latino population growth, demographic characteristics, and educational stagnation: An examination of recent trends. *Hispanic Journal of Behavioral Science, 15*, 165-187.

Clark, R. (1983). *Family life and school achievement: Why poor black children succeed or fail. Chicago*: The University of Chicago Press.

Coleman, J.S., Campbell, E.Q., Hobson, C.J., McPartland, J.M., Mood, A., Weinfeld, F.D., & York, R.L. (1966). *Equality of educational opportunity*. Washington, D.C.: U.S. Government Printing Office.

Coleman, J.S. (1987). Families and schools. *Educational Researcher, 16*, 32-38.

Davies, D. (1987). Parent involvement in the public schools: Opportunities for administrators. *Education and Urban Society, 19*(2), 147-163.

Delgado-Gaitan, C. (1990). *Literacy for empowerment: The role of parents in children's education*. New York: The Falmer Press

Delgado-Gaitan, C. (1991). Involving parents in the schools: A process of empowerment. *American Journal of Education, 100*(1), 20-46.

Epstein, J.L. (1990). School and family connections: Theory, research, and implications for integrating sociologies of education and family. *Marriage and Family Review, 15*(1/2), 99-126.

Gandara, R. (1995). *Over the ivy walls: The educational mobility of low-income Chicanos*. Albany, New York: State University of New York Press.

Goodnow, J.J.(1988). Parents' ideas, actions, and feelings: Models and methods from developmental and social psychology. *Child Development, 59*, 286-320.

Griffith, J., & Vallaviciencio, S. (1985). Relationships among acculturation, sociodemographic characteristics and social supports in Mexican American Adults. *Hispanic Journal of Behavioral Sciences, 7*, (1), 75-92.

Gutierrez, J., Sameroff, A.J., & Karrer, B.M. 91988). Acculturation and SES effects on Mexican American parents' concepts of development. *Child Development, 59*, 250-255.

Gutierrez, J., & Sameroff, A. (1990). Determinants of complexity in Mexican American and Anglo American mothers' conceptions of child development. *Child Development, 61*, 384-394.

Hammack, F.M. (1986). Large school systems' dropout reports: An analysis of definitions, procedures, and findings. *Teachers College Record, 87* (3), 324-341.

Harrison, A. O., Wilson, M.N., Pine, C.J., Chan, S.Q., & Buriel, R. (1990). Family ecologies of ethnic minority children. *Child Development, 61*, 347-362.

Haynes, N.M., Comer, J.P., & Hamilton-Lee, M. (1989). School climate enhancement through parent involvement. *Journal of School Psychology, 27* (1), 87-90.

Henderson, R.W. (1981). Home environment and intellectual performance. In R.W. Henderson (Ed.) *Parent-child interaction: Theory, research, and prospects* (pp. 3-32). New York: Academic Press.

Henderson, R.W. & Merrit, C.B. (1968). Environmental backgrounds of Mexican-American children with different potentials for school success. *The Journal of Social Psychology, 75*, 101- 106.

Hess, R. (1969). Parental behavior and children's school achievement: Implications for Head Start. In E. Grotberg (Ed.). *Critical issues in research related to disadvantaged children* (pp. 1-76). Princeton: Educational Testing Services.

Hess, R.D., & Holloway, S.D. (1984). Family and school as educational institutions. In R.D. Parke (Ed.) *Review of child development research*, Volume 7: The family (pp. 179-222). Chicago: The University of Chicago Press.

Hoover-Dempsey, K.V., Bassler, O.C., & Brissie, J.S. (1987). Parent involvement: Contributions of teacher efficacy, school socioeconomic status, and other school characteristics. *American Educational Research Journal, 24*(3), 417-35.

Insel, P.M., & Moos, R. H. (1974). Psychological environments: Expanding the scope of human ecology. *American Psychologist, 29*(3) ,179-188.

Jackson, B.L., and Cooper, B.S. (1989). Parent choice and empowerment: New roles for parents. *Urban Education. 24*(3), 263-286.

Johnston, C., & Mash, E.J. (1989). A measure of parenting satisfaction and efficacy. *Journal of Clinical Child Psychology, 18*, (2), 167-175.

Klimes-Dougan, B., Lopez, J.A., Adelman, H.S., & Nelson, P. (1992). Two studies of low income parents' involvement in schooling. *The Urban Review. 24* (3), 185-202.

Laosa, L.M. (1982). School, occupation, culture, and family: The impact of parental schooling on the parent-child relationship. *Journal of Educational Psychology, 74*(6), 791-827.

Laosa, L.M., & Henderson, R.W. (1991). Cognitive socialization and competence: The academic development of Chicanos. In R.R. Valencia (Ed.), *Chicano school failure and success: Research and policy agendas for the 1990s* (pp. 164-200). London: Falmer Press

Laureau, A. (1987). Social class differences in family-school relationships: The importance of cultural capital. *Sociology of Education, 60*, (April), 73-85).

Lareau, A. (1989) Home advantage: Social class and parental intervention in elementary education. London: The Falmer Press.

Lopez, O. (1977). Parent participation in education: Three levels - one model. *Journal of Instructional Psychology, 3*(3),45-49.

Lynch, E.W., & Stein, R.C. (1987). Parent participation by ethnicity: A comparison of Hispanic, Black, and Anglo families. *Exceptional Children, 54*(2), 105-111.

Marjoribanks, K. (1979). *Ethnic families and children's achievements*. Sydney: George Allen & Unwin.

Marin, G., & Marin, B.V. (1991). Research with Hispanic populations. Newbury Park: Sage Publications Meighan, R. (1989). The parents and the schools: Alternative role definitions. *Educational Review, 41*(2), 105-112.

Meighan, R. (1989). The parents and the schools: Alternative role definitions. *Educational Review, 41*, (2), 105-112.

Melaragno, R.J., Keesling, W.J., Lyons, M.F., Robbins, A.E., & Smith, A.G. (1981). *Parents and federal education programs (Volume I): The nature, causes, and consequences of parent involvement.* Research report submitted to the United States Department of Education. (Report no. TM-6974-004/00) Washington, D.C.: Government Printing Office.

Miller, S.A. (1988). Parents' beliefs about children's cognitive development. *Child Development, 59*, 259-285.

Moreno, R.P. (1997). Everyday instruction: A comparison of Mexican American and Anglo mothers and their preschool children. *Hispanic Journal of Behavioral Science, 19*, (4) 527-

539.
National Center for Education Statistics (1990). *Elementary and secondary education: Volume 1*. U.S. Department of Education Office of Educational Research and Improvement. Washington, D.C.: U.S. Government Printing Office.
National Commission on Excellence in Education (1983). *A nation at risk: The imperative for educational reform*. Washington, DC: U.S. Government Printing Office
National Commission on Secondary Education for Hispanics (1984). *Make something happen: Hispanics and urban high school*. Washington, D.C.: Hispanic Policy Development Project, Inc.
Nieto, S. (1985). Who's afraid of bilingual parents? *Bilingual Review, 12*, (3), 179-189.
Oakes, J., & Lipton, M. (1990). *Making the best of schools: A handbook for parents, teachers, and policy makers*. New Haven: Yale University Press.
Rueschenberg, E., & Buriel, R. (1987). Mexican American family functioning and acculturation: A family systems perspective. *Hispanic Journal of Behavioral Sciences, 11* (3), 232-244.
Seginer, R. (1983). Parents' educational expectations and children's academic achievement: A literature review. *Merrill-Palmer Quarterly, 29*, (1), 1-23.
Sigel, M. (1985). A study of maternal beliefs and values within the context of an intervention program. In I. E. Sigel (Ed.). *Parental belief systems: The psychological consequences for children* (pp. 271-286). Hillsdale, NJ: Lawrence Erlbaum.
Schaefer, E.S. & Edgerton, M. (1985). Parent and child correlates of parental modernity. In I. E. Sigel (Ed.) *Parental belief systems: The psychological consequences for children* (pp. 287-318). Hillsdale, NJ: Lawrence Erlbaum.
Slaughter-Defoe, D.T., Nakagawa, K., Takanishi, R., & Johnson, D.J. (1990). Toward cultural / ecological perspectives on schooling and achievement in African- and Asian-American children. *Child Development, 61*, 363-383.
Soto, L.D. (1988). The home environment of higher and lower achieving Puerto Rican children. *Hispanic Journal of Behavioral Sciences, 10*(2), 161-167.
Stein, R.S. (1983). Hispanic parents' perspectives and participation in their children's special education program: Comparison by program and race. *Learning Disability Quarterly, 6*, 432-438.
Stevenson, H.W., Chen, C., & Uttal, D.H. (1990). Beliefs and achievement: A study of Black, White, and Hispanic children. *Child Development, 61*, 508-23.
Swick, K.J. (1987a). Teacher reports on parental efficacy / involvement relationships. *Journal of Instructional Psychology, 14*, 125-132.
Swick, K. J. (1987b). *Perspectives on understanding and working with families*. Champaign, IL: Stipes Publishing Co.
Swick, K.J. (1988). Parental efficacy and involvement: Influences on children. *Childhood Education*, Fall, 37-42.
Valdés, G. (1996). *Con Respeto: Bridging the distances between culturally divers families and schools*. NY: Teachers College Press.

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