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Necessary but Not Sufficient: The Continuing Inequality between Men and Women in Educational Leadership, Findings from the American Association of School Administrators Mid-Decade Survey

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The gender of school leaders makes a difference in career paths, personal life, and characteristics of workplace. There is additional evidence that men and women are appointed or elected to lead different kinds of educational jurisdictions. Even if those differences did not exist, equitable access to leadership positions for people of different backgrounds would make this an important issue. This article reports gender-related findings from the American Association of School Administrators 2015 Mid-Decade Survey. Findings confirm many of the trends in research on the superintendency over the past 15 years. The profiles of women superintendents are becoming more like their male counterparts. Both men and women appear to be less mobile than in the past. Men and women are spending about the same time as teachers before becoming superintendents, women and men appear to experience stress similarly, and women are receiving mentoring much more than in the past. There are few data to support the beliefs that women superintendents, more than men, are limited by family circumstance although this survey sheds no light on perspectives of women aspirants. This survey also confirms that there are a variety of paths to the position providing opportunities for women who have not necessarily had the typical teacher/principal/central office administrator trajectory. Nevertheless, significant differences still exist. Most important is that men are still four times more likely than women to serve in the most powerful position in education, and both women and men of color are still grossly underrepresented.

Keywords: leadership, gender, superintendent, principal, career path

INTRODUCTION AND METHODS

Since early in the twentieth century, the American Association of School Administrators (AASA) has conducted regular surveys to document the state of the position of superintendent. The 2015 Mid-Decade Survey used 50 items including new questions to collect data on experiences that are relevant to the gender of the incumbents: all items were examined for their relevance to gender.

The results of this survey are important and useful in a number of ways. First, they allow us to track changes in the proportionality of women superintendents in a field that has historically been disproportionate. While 75% of teachers are women, female superintendent representation is nowhere near that level. Problems that are documented are more likely to be solved than those that are not tracked. Lack of female representation is a problem not only because of fairness and equity but also because diversity brings improvements in leadership and learning. More women superintendents are good for children.

A random sample of 9,000 superintendent email addresses were selected by a vendor and queried with an online survey link February 2015. From that group, 845 respondents identified their gender. The number of responses was large enough for reliable statistical analysis; however, the response rate was low. Because the authors were not involved in the data collection, we were unable to determine generalizability through non-response bias tests.

Analysis included chi-square tests, correlation, *t*-tests, and ANOVA. The interpretation of the analysis is focused on illuminating gender-specific differences in leadership and its context. The findings contrast and compare 2015 responses to earlier research on women superintendents in the representation of women in the superintendency, career paths, district demographics where women serve, barriers and challenges, reasons for leaving the superintendency, and women's perspectives on leadership.

THE HISTORY OF THE REPRESENTATION OF WOMEN IN THE SUPERINTENDENCY

A significant portion of research on women superintendents to date concentrates on historical accounts of women who have achieved the superintendency. Traditionally, these studies provide a descriptive demographic analysis of the number of women who have served in the position of school superintendent (Björk, 2000).

The position of superintendent first appeared in Buffalo, NY, USA and Louisville, KY, USA in 1837 (Grieder et al., 1969). By 1850, 13 large cities had established the occupation of superintendent of schools (Kowalski, 2005). Since the creation of those first positions, the superintendency has been defined and institutionalized as men's work (Shakeshaft, 1989; Blount, 1998; Grogan, 1999; Skrla, 1999; Skrla et al., 2000). This stereotype was perpetuated by the perceived skills of the position. The role of superintendent emphasized management, and the goal was to improve overall school system operations by prioritizing time and efficiency (Tyack and Hansot, 1982). Highlighting the managerial aspect of the position kept the position almost exclusively male-dominated for decades.

Moreover, as gender equality became a national issue in the 1970s, some concluded that there were significantly more women in leadership positions—possibly due to women as building principals. In 1971, the AASA Research Study identified that only 1.3% of all superintendent positions in the United States were held by women (Knezevich, 1971) and, a decade later, the percentage had actually decreased to 1.2% (Cunningham and

Hentges, 1982). These percentages pointed to a problem for school leadership and corrected the myth that women were in charge. Through the 1970s and 1980s, this crisis was highlighted in the pioneering research on women in educational administration (Gross and Trask, 1976; Schmuck, 1976, 1980; Shakeshaft, 1979, 1987, 1989; Biklen and Brannigan, 1980; Hansot and Tyack, 1981; Arnez, 1982; Ortiz, 1982; Marshall, 1984, 1985; Shakeshaft et al., 1984; Biklen and Shakeshaft, 1985; Bell, 1988; Edson, 1988). The authors challenged the conventional wisdom that administration could be sufficiently described from the perspective of male incumbents alone.

As the study of women in educational administration grew, so, too, did the percentage of women who achieved the position of superintendent. For example, by 1992, AASA reported approximately 7% of the nation's superintendents were women (Glass, 1992). Even with this fourfold increase in 20 years, women remained dramatically underrepresented. For women to be proportionally represented, 80% of school superintendents should have been superintendents, given that women were 80% of teachers, the pool from which administrative aspirants emerge. The Census Bureau identified the superintendency as the most male-dominated executive position of any profession in the United States (Glass, 1992). Additional research highlighted the school superintendency as the most gender-stratified (that is, segregated) occupation in the United States (Björk, 1999; Skrla, 2000).

Further studies conducted by the American Association of School Superintendents found that in 2000, 13.2% of superintendents were women (Glass et al., 2000), and by 2003, 18.2% of superintendents were women (Grogan and Brunner, 2005). The AASA 2010 Decennial Study found that 24.1% of existing superintendents at the time were women (Kowalski et al., 2011). For the 2015 Mid-Decade Study, 27% of respondents were women. Unfortunately, since the data did not document the extent to which the 2015 survey respondents were representative of the population, we cannot be sure that the 27% finding is accurate.

While, at a little more than one-fourth, there is a continuing dearth of women in the superintendency and the percentage of minority women is dismal. Alston (2005) emphasized, “[i]n these United States, persons of color represent 10.9% of the nation's teachers, 12.3% of the nation's principals, but only 2.2% of the nation's superintendents” (p. 675). For almost as long as there has been research focused on women in educational administration and the pursuit of the superintendency, there has been parallel research highlighting the challenges for aspiring and sitting superintendents of color (Arnez, 1982; Ortiz, 1982; Chase, 1995; Enomoto et al., 2000). There also has been research focused on Hispanic/Latina superintendents, specifically by Méndez-Morse (1997, 1999, 2000), Ortiz (1999, 2000), Manuel and Slate (2003), Quilantán and Menchaca-Ochoa (2004), and Couch (2007).

There is now more attention on the intersection of race and gender, which highlights the underrepresentation of and challenges for female African-American superintendents (Revere, 1985; Alston, 1999, 2000, 2005; Brunner and Peyton-Caire, 2000; Tillman and Cochran, 2000; Simmons, 2005; Brown, 2014). Alston (2000) found that while, overall, women have moved into powerful positions in a variety of professions, including education,

African-American women are still a minority. According to Brown (2014), research is needed that specifically targets the needs of African-American women as they have experienced the dual discrimination of being both African-American and women because:

The voices of many African American women superintendents have been assigned to the voices of White women and African American men. Rarely are the voices of African American women superintendents revealed to solely address the issues and challenges of recruitment and retention faced by African American women to the public school superintendency. Neither, has credence or validation been given to the impact of race, gender, and social politics on the recruitment and retention process of African American women in the public school superintendency (p. 576).

Unfortunately, despite the noted lack of women, and, in particular, minority women in the superintendency, the AASA 2015 Mid-Decade Study is not able to provide a current snapshot of race and gender in the position in the United States. The overall response rate was low, and in addition, lacked tests of possible bias by non-responders. Due to this, the representativeness of the population of superintendents based on the respondents is unclear. **Table 1** reports respondents by race and gender of those who responded to the survey.

CAREER PATHS AND TIME PRIOR TO THE SUPERINTENDENCY

A number of studies highlight the fact that women enter the superintendency later than their male counterparts because they spend more time in the classroom and in intermediate positions (Ortiz, 1982; Heilbrun, 1988; Shakeshaft, 1989; Gupton, 1998; Glass, 2000; Tallerico and Blount, 2004; Björk and Kowalski, 2005; Grogan and Brunner, 2005; Mahitivanichcha and Rorrer, 2006; Kowalski et al., 2011). For respondents to the 2015 Mid-Decade Survey, 69.3% were 51 or older (the median age for white women was 55 years, while for women of color, the median age was 51 years). The average age that women first became a superintendent is 47.1 years of age with an average total of 6.9 years in the superintendency. Among women, there were no differences by race in the number of years in the superintendency or their age when they became a superintendent. Men are statistically significantly¹ more likely to become a superintendent at a younger age than women (43 versus 47 years of age) and are also more likely to have been in the superintendency longer than women (10 versus 7 years). However, there is no difference between males and females in the time spent in their current superintendency at the time of the Mid-Decade Survey (5.7 years), challenging the notion that women have shorter tenure in the position.

According to the 2015 Mid-Decade Study, women are still more likely than men to be hired as superintendent from the

TABLE 1 | Respondents by race and gender.

	Percent superintendents of color	Percent white superintendents	Total by gender
Percent female	2.2	24.6	26.8
Percent male	3.0	70.2	73.2
Total by race	5.2	94.8	100.0

district in which they work (54.3 versus 41.7%), which may indicate that school boards are more willing to take a chance on an unknown male candidate than an unknown female candidate. Or, it might indicate that women are more qualified than the men in their districts for the superintendency. Among Mid-Decade respondents who were looking for a superintendency, 81% of women and 75% of men were hired within 6 months of beginning their search. There are no longer differences between women of color and white women on any of the above variables.

For classroom teaching, the number of years men and women superintendents spent in the classroom has been significantly different until now. Women superintendents used to spend more time as classroom teachers than men (Shakeshaft, 1989). According to Glass et al. (2000), 40% of male superintendents reported spending 5 or fewer years as classroom teachers; whereas according to Brunner and Grogan (2007), 41% of female superintendents reported spending 11 or more years as classroom teachers. However, the 2015 AASA Mid-Decade Survey found that 43% of superintendents spent 11 or more years as classroom teachers. There were no statistically significant differences between females and males, with the mean number of years for females at 10.8 and the mean years for males at 9.2. There were no differences among women by race.

Career paths are impacted by gender and race (Brunner and Grogan, 2007). Vail (1999) found a difference between the genders in the ascent to the superintendency. For males, the career path was teacher, high school principal, and then superintendent. For women, it was teacher, elementary principal, central office director, and then superintendent. Edgehouse (2008) echoed Vail's findings and said, "Although more women lead elementary buildings, men clearly dominate high school principal and superintendent positions. This could indicate an additional barrier to the superintendency in that attaining a high school principalship is rare for women, yet this position is a likely step in the career path of those who have reached the top" (p. 16). Vail characterized this as an "unofficial" route to the superintendency and stated,

...there is also an unofficial path to the superintendency, and it traditionally begins with the high school principalship. Many would-be superintendents spend time at the helm of a secondary school; after all, high school principals handle large budgets and numerous employees, which are seen as good training for a superintendent. The next step is often a central office position in the business or facilities office – again, good experience for a superintendent, who will need to manage money and construction (p. 24).

The majority of all respondents to the 2015 Mid-Decade Study follow the typical career path to the superintendency

¹This difference is small, with gender accounting for only 5% of the variance.

TABLE 2 | Career paths of superintendents by gender.

Role	Percent female superintendents	Percent male superintendents
Paraprofessional	8.3	5.2
Teacher	95.2	97.3
Master teacher	27.8	20.6
Assistant principal	44.8	56.1
Principal	70.4	86.6
Assistant superintendent	53.9	40.6
District coordinator	52.6	29.4
Military	0.4	6.5
Non-educational experience	10.4	7.6

(see **Table 2**). However, there are several gender differences that are both statistically and practically significant.² Gender differences are most notable at assistant principal and principal positions, which have a higher number of male superintendents with this experience and the district coordinator and central office position, which have a higher number of female superintendents with this experience.

Among women in the Mid-Decade Survey, the majority of superintendents of color, as well as white, followed the path of teacher, principal, and then central office/district administrator to the superintendency—a change in Brunner and Grogan's (2007) findings that nearly half of women superintendents did not follow that path.

Some interesting new patterns emerged, particularly the experiences of paraprofessional, military, and non-education management that women superintendents of color are more likely to bring to the job (see **Table 3**). Among women, there are other differences by race. A smaller proportion of women of color have been assistant superintendents, but more have been assistant principals, a path more similar to males.

Studies by Kim and Brunner (2009), Vail (1999), and others (Shakeshaft, 1989; Grogan and Brunner, 2005; Brunner and Kim, 2010) found that men's mobility is much more likely to be found in various line positions. Because of this, men are often provided greater visibility in their positions and, thus, experience increased job opportunities. The AASA 2015 Mid-Decade Study also found differences in the experience of males and females in assistant principal and principal positions—both line positions—and district coordinator and central office experience—both staff positions.

The 2015 Mid-Decade Survey examined a number of variables related to teaching and curriculum interest and knowledge that provide perspective. Similar to Brunner and Grogan's (2007) findings, women superintendents (65.2%) are more likely to belong to the Association for Supervision and Curriculum Development than men superintendents (46.1%). While, as noted, the number of years spent in teaching is not meaningfully different between women and men,³ women are more likely to have been a master teacher, a district coordinator, and an

TABLE 3 | Career paths of women superintendents by race.

Role	Percent superintendents of color	Percent white superintendents
Paraprofessional	22.2	7.3
Teacher	88.9	96.6
Master teacher	33.3	27.2
Assistant principal	55.6	43.9
Principal	66.7	71.2
Assistant superintendent	44.4	54.6
District coordinator	55.6	52.2
Military	5.6	0.0
Non-educational experience	16.7	10.2

assistant superintendent—positions that often indicate a focus on curriculum.⁴

Two questions in the Mid-Decade Survey allowed us to make a comparison between why superintendents believe they were hired and what the board emphasized once they were in the position. As illustrated in **Table 4**, women and men have different beliefs about why they were hired and what the board expects. Women believe that more than 50% of the reason they were hired was due to administrative experiences and curriculum and instruction knowledge, while men believe that they were hired for their personal characteristics and administrative experiences. There were statistical and meaningful differences between the percentage of women and men who thought they were hired for their curriculum and instruction knowledge, with women ranking it second and men ranking it fifth. This might be evidence that women believe they are strong in curriculum and instruction and men less so. It might also believe that women think boards of education value curriculum experience. Both females and males agreed on the first three board expectations for their jobs: effective communicator, problem solver, and fiscal oversight. After these characteristics, the genders part in their perceptions, with women placing emphasis on instruction next and men reporting it as next to last in expectation and emphasis. In two areas, there were statistical and meaningful gender differences in what superintendents believed was expected: instructional leadership and statespersonship.

Similar to Brunner and Grogan's (2007) findings, women superintendents of color were more likely than white women superintendents to believe they were hired as a change agent and for their curriculum skills. White women superintendents were more likely than women superintendents of color to believe they were hired for their administrative experiences, personal characteristics, standing in the community, and fiscal experience. All of the women superintendents rated their curriculum skills as the second strongest reason for being hired.

While there were differences in beliefs about emphasis placed on them by the board, both superintendents of color and white superintendents placed effective communication as the strongest emphasis. For every other emphasis, there were statistical and meaningful differences by race.

²In all of these cases, the p value is 0.00 or smaller and the phi and Cramer's coefficient are at least 0.10.

³Gender explains only 1% of the variance.

⁴Master teacher, $p = 0.02$, Cramer's $V = 0.03$; district coordinator, $p = 0.000$, Cramer's $V = 0.28$; and assistant superintendent, $p = 0.00$, Cramer's $V = 0.12$.

Table 5 below compares why women think they were hired and what their school boards emphasized is likely to be a combination of being hired for what the district needed and the differences in district needs. However, in many of these categories, the characteristic the superintendent believed was the strongest explanation for being hired differed from what was expected once in the superintendency, which might be the result of a change in board members (see **Table 5**). These differences might also be the source of discontent. For instance, while women placed their knowledge of curriculum and instruction as the second strongest reason they were hired, when we examined what is being expected of them, being an instructional leader is toward the bottom of the list, although with a high percentage still believing it is part of their job expectation.

DISTRICT DEMOGRAPHICS

The responses from the AASA 2015 Mid-Decade Survey⁵ allow a look into size of districts (see **Table 6**), although there is no information on leadership in the school systems that belong to the Council of Great City Schools. While it is true that women are more likely to lead rural schools (56.8%), this is only true for white women. Similar to Brunner and Grogan’s (2007) findings, women of color tend to lead urban schools.⁶ Women of color are more

⁵The number of responses to the mid-term survey was large enough for reliable statistical analysis; however, the response rate was very low. Without non-response bias tests, we do not know how generalizable the results are. The number of women of color who responded constitutes 8.1% of all women respondents.

⁶Cramer’s $V = 0.24, p = 0.002$.

likely than white women to be superintendents in large school districts. However, similar to white women superintendents, the majority of women superintendents of color head districts of 3,000 or fewer. Unlike the Brunner and Grogan study, there were no statistically or practically significant differences in the race of women who are superintendents in suburban schools.

It is important to note that the classification of rural does not necessarily equate with small and the classification of urban does not necessarily equate with large. When districts are examined by size, there are differences by race in the size of the district headed by a woman superintendent.

There were significant differences in the racial composition of communities and student populations by race. Women of color are more likely to lead districts of color with a school population of color than are white women superintendents.⁷

Overall, women are more likely than men to head school districts with a larger percentage of people of color in the community, a larger number of students who are homeless, and a larger number of students with disabilities. This might be an indication that women superintendents are hired in more challenged school districts and that men work in school districts with less adversity.

The 2015 Mid-Decade Survey also provides information on education preparation and mobility. More than half (60.5%) of all women superintendents have a doctorate or another professional degree (i.e., law, master of business administration). This is a statistically significantly higher percentage than male superintendents. Both female superintendents of color and white female

⁷Percent district population of color: white women 15% versus women of color 70%; percent students of color: white women 18% versus women of color 76%.

TABLE 4 | Why superintendents believe they were hired versus board emphasis once in job by gender.

Superintendent belief in reason board selected		Areas of emphasis placed on superintendent by board: percent very influential	
Female	Male	Female	Male
Administrative experience (28.7%)	Personal characteristics (31%)	Effective communicator (90.7%)	Effective communicator (87.2%)
Curriculum and instruction knowledge (23.0%)	Administrative experience (28.2%)	Problem solver (81.3%)	Problem solver (83%)
Change agent (19.1%)	Change agent (19%)	Fiscal oversight (79.6%)	Fiscal oversight (84%)
Personal characteristics (15.7%)	Standing in community (6.5%)	Instructional leader (70.7%)	Operations manager (73.3%)
Standing in community (6.1%)	Curriculum instruction and knowledge (6.5%)	Operations manager (67%)	Community leader (70.5%)
Business/fiscal (0.9%)	Business/fiscal (4.2%)	Community leader (65.6%)	Statesperson (62.2%)
		Statesperson (49.8%)	Instructional leader (70.7%)
		Applied scientist (12.7%)	Applied scientist (8.5%)

TABLE 5 | Why women superintendents believe they were hired versus board emphasis once in the job by race.

Superintendent belief in reason board selected		Areas of emphasis place on superintendent by board: percent very influential	
Women of color	White women	Women of color	White women
Change agent (50%)	Administrative experience (33.0%)	Effective communicator (94.1%)	Effective communicator (90.0%)
Curriculum and instruction knowledge (31.3%)	Curriculum instruction and knowledge (24.1%)	Operations manager (82.4%)	Problem solver (82.1%)
Administrative experience (18.8%)	Change agent (18.3%)	Problem solver (76.5%)	Fiscal oversight (80.6%)
Personal characteristics (0.0%)	Personal characteristics (17.8%)	Community leader (75%)	Instructional leader (70.6%)
Standing in community (0.0%)	Standing in community (5.8%)	Fiscal oversight (70.6%)	Operations manager (65%)
Business/fiscal (0.0%)	Business/fiscal (1.0%)	Instructional leader (70.6%)	Community leader (64.7%)
		Statesperson (53.3%)	Statesperson (49.5%)
		Applied scientist (38.5%)	Applied scientist (10.9%)

TABLE 6 | Size and designation of district student enrollment.

	All superintendents		Women superintendents ^a	
	Females	Males	Superintendents of color	White superintendents
Percent in districts of 3,000 or fewer	68.1	68.1	61.1	71.9
Percent in districts with 15,000 or more	5.4	5.4	11.1	4.0
Rural	60.9	60.9	38.9	58.3
Suburban	30	30	27.8	34.2
Urban	9.1	9.1	33.1	7.4

^aThere are no statistically significant differences by race for white women. However, this is likely due to sample size.

superintendents are more likely to have a doctorate/professional degree than male superintendents (see Table 7).

While women are more mobile than commonly believed, the 2015 Mid-Decade Survey reveals that neither women nor men are highly mobile: 98% of women superintendents and 95% of male superintendents have worked in some capacity in two or fewer districts.

BARRIERS AND CHALLENGES

In earlier research conducted on women in educational leadership, Shakeshaft (1987) identified that barriers to women’s advancement could be labeled as either internal or external. Internal barriers that kept women out of key educational leadership positions included “low self-image, lack of confidence, and lack of motivation or aspiration” (Shakeshaft, 1987, p. 83). Though Shakeshaft (1979) found these claims were not backed by convincing data, they were reported by other studies conducted in the 1970s and 1980s that suggested that women were often their own worst enemies in keeping them from administrative positions (Dias, 1975; Gross and Trask, 1976; Sample, 1976). As the study of women in administration grew, the focus on internal barriers shifted. A number of later studies found that the gender-specific attitudinal behaviors that were previously identified tended not to prove true for women (Gupton and Slick, 1996; Brown and Irby, 1998; Grogan and Brunner, 2005).

Work–Family Balance

While the AASA 2015 Mid-Decade Study did not examine family concerns as a barrier to women in the superintendency, it does report information on relationship status and children. As displayed in Table 8, male superintendents (94.2%) are more likely to be in a relationship, primarily marriage, than women superintendents (81.3%). The differences by race for women superintendents are not significant.

Parenthood experiences are starkly different between men and women as well. Table 9 shows the differences by number of children. White female superintendents are the least likely group to have children, followed by female superintendents of color. Both

TABLE 7 | Percent doctorate.

Highest degree	All males	All females	Females of color	White females
Percent doctorate or other professional degree	49.7	60.5	61.1	59.5

TABLE 8 | Relationship status by gender.

	All superintendents	
	Females	Males
Married	77.4	92.1
Single	10.9	2.7
Widowed	6.1	2.3
Divorced	1.7	0.8
In a relationship	3.9	2.1

TABLE 9 | Parental status by gender and race.

Percent children while superintendent	All superintendents		Women superintendents	
	Females	Males	Superintendents of color	White superintendents
None	37.3	9.8	29.4	38.1
1 child	18.7	9.3	23.5	17.3
2–3	39.1	65.9	47.1	39.2
4–6	4.9	12.0	0.0	4.5
7–8	0	0.8	0.0	1.0

groups are nearly three to four times more likely to be childless than are males.

Negotiating Partner Relationships

It has sometimes been assumed that women are not mobile and that partners limit women’s choice of jobs. The AASA 2015 Mid-Decade data reveal that 56% of single and 36% of married/partnered women have changed superintendencies. Among married women superintendents, nearly 26% report that their spouse or partner has moved and 18% report that their spouse has changed jobs to support them in new superintendencies. For 20% of married women superintendents, spouses have reduced hours on the job to accommodate their partner’s superintendency and 10% have left the workplace.

Stress

The 2015 Mid-Decade response to a question about whether the superintendent experienced stress in the superintendency found no gender differences, with 66.8% of superintendents reporting stress in the job. Similar to Grogan and Brunner’s (2005) findings, the Mid-Decade Study asked respondents several types of questions that might indicate the presence of stress. One group of questions asked respondents to rate assets and liabilities; another set asked about job stress; a number of questions inquired about experiencing incidents that might cause stress; and yet another group of questions focused on relationships with the school board, employees, and the community. However, when superintendents

were asked why they left their previous job, of those who had moved, 5.3% of women versus 0% of men reported that they left because of health and stress. This finding deserves further exploration to determine what about the job is more likely to affect women’s health than it is to affect men’s well-being.

Challenges

A cluster of questions asked respondents if they had experienced specific challenges in their position. **Table 10** displays the percent of superintendents who have faced these challenges. If there are no differences by gender or race, the percentages are in the “All” category. If there are differences, the percentages are under the appropriate column heading.

As can be seen in **Table 10**, the majority of the challenges that superintendents face are similar, with few differences by gender or race within gender. Females find job stress more of a challenge than local and state funding, while, for males, local and state funding is the leading job stress. Similarly, males are more likely than females to be challenged by intrusion of federal regulations, and white females more likely than females of color to find this a problem. It is unclear why this is the case, assuming that federal regulations are equally distributed. Perhaps women are more likely to welcome federal regulations and the pressure for equity than are men.

More than twice the percentage of women of color than white women finds role conflict a challenge. One speculation about why this might be true is that women of color are more likely than white women to be asked to represent their both their race and their communities while still being required to serve as a “neutral” figure.

Not surprisingly, females are more likely than males to still find the “Old Boy” (“Old Girl”?) network a problem, making it their sixth most challenging aspect. Combining this with job stress and excessive time requirements corresponds to previous research that find women are expected to spend more time at

work and to be more involved than are men (Grogan, 1996; Kochan et al., 1999).

School Board Relationships

The AASA 2015 Mid-Decade Survey asked questions about superintendents’ relationships with school boards. Most female superintendents (83.5%) consider their school board an asset, 74.9% believe that they exert very much influence on their school board and another 23.7% believe that they exert some influence on their school board. Women superintendents are largely satisfied with their school boards, with 82.7% reporting they are very or somewhat satisfied. Women superintendents are much influenced by their school boards (64.9%) or somewhat influenced by their school board (32.7%). When asked if their relationship with the school board inhibited their effectiveness as a superintendent, 77% said no, but 23% thought it did. There are no gender differences in any of these findings. There are differences by race among women superintendents on influence. Female superintendents of color are much less likely to believe that they have influence on the school board than are white female superintendents. The larger the percentage of women on the school board, the more women superintendents report satisfaction with their career choice and current district.

As mentioned above, superintendents reflected on the reasons why they were hired (see **Table 11**). Following earlier trends in the research, female superintendents believe that they were favored for their curriculum and instructional leadership more than did males. Males are more likely to believe that they were selected for their personal characteristics more than did females. Both believe that they were hired for their administrative experience.

Mentors

An additional challenge for female superintendents has been the lack of mentors, both while they aspire to the superintendency as well as once they achieve the position (Radich, 1992;

TABLE 10 | Challenges to the superintendent by gender and race.

	Percent all	Differences by gender	Differences for women by race
Local and state funding inequities	75.6	Yes: males are more likely than females to find this a challenge (78.7 versus 67.8%)	No
Job stress	66.8	No	No
Excessive time requirements	49.3	Yes: females are more likely than males to find this a challenge (57.4 versus 46.6%)	No
Intrusion of federal regulations	43.3	Yes: males are more likely than females to find this a challenge (46.1 versus 36.1%)	Yes: white women are more likely to find this a challenge than women of color (35.9 versus 11.1%)
Unethical board behavior	22.4	No	No
Unethical employee behavior	20.1	No	No
Face role conflict	15.8	No	Yes: women of color are more likely than white women to find this a challenge (33.3 versus 13.7%)
Unrealistic performance expectations	13.7	No	No
Changes in personal life	11.7	No	No
Old boy/old girl network	11.6	Yes: females are more likely than males to find this a challenge (20 versus 8.4%)	No
Lack of respect	9.6	No	No
Lack of professional growth	8.6	No	No
Self-fulfillment	6.9	No	No
Unrealistic conflict between mayoral/county governance and school governance	5.4	No	No
Lack of status	2.1	No	No

Grogan, 1996; Beekley, 1999; Sherman et al., 2008). Brunner and Grogan (2007) posit that one reason why so few women have achieved the job of superintendent is due to a lack of support and mentorship for women aspiring to the position. Nearly 94% of women in the Mid-Decade Study indicated that they had been mentored.

The Mid-Decade Study supports a decrease in mentoring, with nearly 72% of women reporting that they have served as a mentor to another superintendent or aspiring superintendent. In *Succeeding as a Female Superintendent*, Gilmour and Kinsella (2009) asserted that mentors play a crucial role in developing the skills of a superintendent, no matter the years of experience in the position.

Female superintendents talk about the “voices of inspiration” their mentors provided when asked about a mentor-mentee relationship. Under critical reflection, however, it often appears that many of these women had not actually received true mentorship and that the relationship was, in fact, passive (Sherman et al., 2008; Newcomb, 2014).

Mentoring by race and gender was explored in the AASA 2015 Mid-Decade Survey (see **Table 12**). White females are the most mentored group, followed by white males, then females of color and finally males of color. Nearly three quarters of white females, white males, and males of color report mentoring. About half of females of color report mentoring another superintendent. **Table 12** indicates that we are most likely to mentor those like ourselves:

- White women mentor white women more than other groups.
- White males mentor white males more than other groups.
- Females of color mentor females of color more than other groups.
- Males of color mentor males of color more than other groups.

TABLE 11 | Reasons superintendents believe they were hired.

Women	Men
Administrative experience (29%)	Personal characteristics (31%)
Curriculum and instruction (23%)	Administrative experiences (28%)
Change agent (19%)	Change agent (19%)
Personal characteristics (16%)	Standing in community (6%)
Standing in community (6%)	Curriculum and instruction (6%)
Business (0.9%)	Business experience (4%)

TABLE 12 | Percent mentors and mentees by race and gender.

	Have been mentored	White female mentor	White male mentor	Female mentor of color	Male mentor or color
White female mentee	94.2% (n = 193)	61% (n = 125)	77.1% (n = 158)	11.7% (n = 24)	12.7% (n = 26)
Female mentee of color	88.9% (n = 16)	33.3% (n = 6)	33.3% (n = 6)	55.6% (n = 10)	38.9% (n = 7)
White male mentee	89.2% (n = 521)	33.6% (n = 196)	83.9% (n = 490)	8.2% (n = 48)	12.3 (n = 72)
Male mentee of color	80% (n = 20)	36% (n = 9)	60% (n = 15)	36% (n = 9)	56% (n = 14)
	Have mentored	White female mentee	White male mentee	Female of color mentee	Male mentee of color
White female mentor	72.7% (n = 149)	55/6% (n = 114)	46.3% (n = 95)	12.7% (n = 26)	9.3 (n = 19)
Female mentor of color	50% (n = 9)	16.7% (n = 4)	16.7% (n = 3)	38.9% (n = 7)	27.8% (n = 5)
White male mentor	71.2% (n = 416)	40.2% (n = 235)	64.4% (n = 376)	13.5% (n = 79)	15.6% (n = 91)
Male mentor of color	72% (n = 18)	44% (n = 11)	48% (n = 12)	52% (n = 13)	52% (n = 13)

LEAVING THE SUPERINTENDENCY

Understanding the reasons why women superintendents leave a position has been the focus of a handful of researchers. Robinson (2013) studied why women leave the superintendency. In her interviews of 20 women, she found that women left for a variety of reasons. Some were positive—like moving to a larger district or more prestigious position—but more were for reasons that found these women leaving the position altogether. These reasons included (1) the position being different than anticipated; (2) the challenge of competing politics (school boards, boards of supervisors/city councils); (3) the desire to reclaim family cohesiveness; (4) health challenges; and (5) lack of “fit” with the employing district. Some questions in the 2015 Mid-Term Survey identified possible reasons why superintendents left their previous position. Fewer than half (48%) had been in a superintendency prior to the one they were currently in. Of those who had a previous superintendency, here were some gender differences, but among women, there were no race differences. Males were more likely than females to have left their previous jobs to (1) assume a new challenge, (2) increase their compensation, and (3) move to a better community environment. Females were more likely than males to have left for health reasons, have been dismissed, or left because of conflict with community groups. For both men and women, the moving to assume a new challenge was at the top of the list (see **Table 13**).

WOMEN’S PERSPECTIVE ON LEADERSHIP

When looking at the role of the female superintendent in relation to her male counterpart, it is often highlighted in the research that women lead in the superintendency differently than men. It is perceived that good superintendents not only manage the district well but also prioritize child and family well-being and student learning.

Child-Centered and Instructionally Focused

Research has suggested that female educational leaders tend to be child centered in leading their systems and, because of their

varied and extensive background in curriculum and instruction, they are believed to emphasize effective learning climates (Fansher and Buxton, 1984; Andrews and Basom, 1990; Dillard, 1995; Grogan, 1996). There is a strong desire to make schools better places for children (Beekley, 1999; Shakeshaft et al., 2007; Grogan, 2008; Grogan and Shakeshaft, 2011). Ever since AASA has been disaggregating their surveys by gender, the *ability to be an instructional leader* has always been identified by women as the primary reason they were selected for the position, answered by 37% of female respondents in 2000 (Glass et al., 2000) and 33% in 2010 (Kowalski et al., 2011). In fact, in the 2010 study, women were twice as likely as men to identify being an instructional leader as the primary reason for their selection as superintendent (Kowalski et al., 2011). In the Mid-Decade Study, 23% of women reported that they were hired because of their curriculum and instruction knowledge as opposed to 6% of men, nearly four times as likely as men to see this as their asset.

Given their lengthy backgrounds climbing the ladder to the superintendency, it comes as little surprise just how invested in curriculum and instruction most female superintendents tend to be. The frustration in some cases for women is when they are denied the opportunity to participate in the instructional decisions of the district (Grogan, 2008). In another study, a number of women chose to leave the position of superintendent because they were not able to focus as much on instruction as they had assumed the position would allow (Robinson, 2015). In the Mid-Decade Study, 71% of women said that instructional leadership was strongly emphasized by their boards. However, there were three other roles that the board emphasized as more important than instructional leadership: effective communicator, problem solver, and fiscal oversight.

Collaborators and Coalition Builders

Research has emerged that shows that women’s leadership styles are often more collaborative and facilitative than male leaders. They are interested in moving the best idea forward, not necessarily their personal idea forward (Hill and Ragland, 1995; Regan and Brooks, 1995; Grogan, 1996; Gupton and Slick, 1996;

Marshall et al., 1996; Brunner, 1997; Grogan and Smith, 1998). Because of their interest in building capacity through relationships and teamwork, women leaders often regularly solicit input from parents and community members.

Although the AASA 2015 Mid-Decade Survey did not pose many questions that speak to the relational aspect of women’s leadership, there are a number of issues that women identify as important to their leadership and success. For instance, two thirds or more of women superintendents rank working with their staff and communities as an asset to them. Women value working with others, both internally and externally (Table 14), and they are more likely than men to report that other groups are strong influences or assets to their leadership. These are the characteristics of leaders who value collaboration (Table 14).

Women are more likely than are men to report strong influence on their decisions of other administrators in their district, teachers, unions, community special interest groups, elected local officials, AASA, and state superintendent associations (Table 15).

Although not necessarily a sign of collaboration, the more political action groups in a district might signal lack of collaboration that has moved people to organize. A larger percentage of male superintendents than female superintendents report more political action among groups in their districts on several issues: funding, student testing, bullying, and safety. The level of political action on issues is demonstrated in Table 16. These differences might indicate superintendent leadership, or lack of leadership, on these issues and community engagement, arguing that the more political action that is necessary by the community, the less likely the superintendent is to be leading coalitions.

TABLE 13 | Reason for leaving superintendency.

	All	Percent women	Percent men
Resigned to assume a new challenge		30.3	46.2
Conflict with school board members	20.1		
To enhance career by moving to higher performing school district	18.7		
Resigned to increase compensation		11.8	32.6
Move to better community environment		11.8	20.8
Retired	9.3		
Health reasons		5.3	0
Dismissed prior to end of contract		2.6	0
Conflict with community groups		5.3	0.9
Contract not renewed	2.7		
Spouse accepted position in different locations	1.2		
Relocated to a state with a better pension system	1		
Resigned due to conflict with union	0		

TABLE 14 | Importance of relationships for women.

Percent of women who identify these groups as an asset to leadership	
District-level administrators	94.6
School-level administrators	89.8
School board members	66.5
Community involvement	66.4

TABLE 15 | Influence on superintendent decision-making.

Group	Percent of women superintendents who report group is very influential on their decision-making
School board members	66
Other administrators	63 ^a
Students	52
Teachers	42 ^a
Peer superintendents	40
State superintendent associations	35
Parents	33
Unions	16 ^a
Elected local officials	12 ^a
Elected local officials	11.9 ^a
Community special interest groups	10.0 ^a
American Association of School Administrators	10 ^a

^aIndicates statistically significant gender difference.

Women rate themselves fairly highly on the effectiveness of their leadership and, on all but one item, their ratings are statistically significantly higher than those of males (see **Table 17**).

CONCLUSION

The AASA 2015 Mid-Decade Survey confirms many of the trends we have seen in the research over the past 15 years. The profiles of women superintendents are becoming more like their male counterparts. For instance, both men and women appear to be less mobile than in the past. Men and women are spending about the same time as teachers before becoming superintendents, women and men appear to experience stress similarly in the superintendency, and women are receiving necessary mentoring much more than in the past. There is also no difference in the number of years women and men have served in their current superintendency. There are few data to support the beliefs that women superintendents are limited by family circumstances although this survey sheds no light on perspectives of women aspirants. This survey also confirms that there are a variety of paths to the position providing opportunities for women who have not necessarily had the typical teacher/principal/central office administrator trajectory. Nevertheless, significant differences do still exist between men and women’s beliefs of why they were hired: women superintendents are still more likely to bring expertise in curriculum and instruction than men. In addition, white women are still more likely to be hired in smaller districts than white men. Perhaps most revealing, this survey confirms that women of color are more likely than white women to lead majority–minority districts although, in general, women are

more likely than men to lead districts with a larger percentage of people of color in the district. All women are more likely to head a district with a larger number of students who are homeless and a larger number of students with disabilities, than men. These are important new findings and suggest some perhaps useful speculation.

- Do personal characteristics matter? Women superintendents are less likely to have children of their own than are male superintendents. Interestingly, both groups find the job stressful. Women are more likely to be promoted from within than men. Does that mean that, compared to men, they are more patient? More dedicated to their current responsibilities? Less ambitious? And, women are now more willing to rate themselves highly as leaders than are men.
- There is an interesting coincidence between the growth of scholarship and advocacy about the accession of women to the superintendency and that accession in practice and fact.
- It is worth speculating about what accounts for the growth in the proportion of superintendents who are women. Is it because their skills sets are more aligned with the teaching/learning improvement needs of schools? Is it because they both “manage” the district and attend to children, youth, and families? Is it because boards (and female board members) have advocated for them? Is it a function of social justice? Is it because the first generations of women superintendents have lit a path now being followed by others? Is it because the job has become harder and less prestigious and fewer capable men are interested in the position? Or is it all of the above?
- The growing proportion of women in the superintendency traces an arc toward equality of opportunity similar to that of other previously underrepresented and underserved groups, for example, children with special needs, children whose language of origin is not English, children from low-income families, and indeed, children from non-Caucasian families.

TABLE 16 | Political action activity by gender.

	No gender differences	Gender differences	
	Percent all: no gender differences	Percent women	Percent men
School funding ^a		54	65
Common core	38		
Teacher evaluations	24		
Bullying ^a		29	42
Safety ^a		24	33
Teacher tenure	8		

^aStatistically and meaningfully significant by gender.

TABLE 17 | Self-ratings on leadership by race and gender.

	Average score women of color	Average score white women	Average score men of color	Average score white men
Reading at grade level	8.0	7.92	8.0	7.52
Decreasing achievement gap	8.44	7.68	7.67	7.46
Race and gender inequality	8.71	7.10	8.17	7.87
Social justice	8.21	7.72	7.87	7.39
Leadership	8.37	7.71	7.16	6.71

AASA’s Mid-Decade Study is a contribution to a continuing issue. However, concerns still remain. Above all, women are still acutely underrepresented in the superintendency and women of color are extremely rare. Unfortunately, this latest survey, like so many in the past, relied on a representative sample of the population of superintendents nationwide; thus, we do not know the exact proportion of men and women superintendents in the United States. The only comprehensive survey of the entire population of women superintendents was conducted by Cryss Brunner and Margaret Grogan several years ago (Brunner et al., 2003; Grogan and Brunner, 2005; Brunner and Grogan, 2007). We believe that it is time for a concerted effort to be made to ascertain current information. When researchers can do nothing other than offer reasonable estimates of the lack of representation, the problem is not taken seriously. In addition, most of the research in the past 30 years has found great variation in the lived experiences of women and men in the superintendency, shaped significantly by race, ethnicity, gender identification, support systems, and district contextual factors. Survey data, such as those collected for the AASA 2015 Mid-Decade Survey, are most meaningful when followed up by in-depth interviews. We recommend

that researchers probe these findings for the nuances that will better inform women and other underrepresented aspirants to the superintendency—so that the most important leadership position in US education will be equally well represented across all sectors of our diverse society.

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AUTHOR CONTRIBUTIONS

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