2008

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Aryn M. Dotterer  
*Purdue University,* adottere@purdue.edu

Lesa Hoffman  
*University of Nebraska-Lincoln,* lhoffman2@unl.edu

Ann C. Crouter  
*Pennsylvania State University,* ac1@psu.edu

Susan M. McHale  
*Pennsylvania State University,* x2u@psu.edu

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A Longitudinal Examination of the Bidirectional Links Between Academic Achievement and Parent-Adolescent Conflict

Aryn M. Dotterer (FPG Child Development Institute, The University of North Carolina, Chapel Hill)
Lesa Hoffman (University of Nebraska-Lincoln)
Ann C. Crouter, Susan M. McHale (Pennsylvania State University, University Park)

We examined reciprocal associations between parent-adolescent conflict and academic achievement over a 2-year period. Participants were mothers, fathers, and adolescents from predominantly White, working and middle class families (N = 168). After accounting for previous academic achievement, parent-adolescent conflict predicted relative declines in academic achievement 2 years later. After controlling for relationship quality at Time 1, lower math grades predicted relative increases in parent-adolescent conflict 2 years later among families with less education.

Keywords: parent-adolescent conflict; academic achievement; adolescence; longitudinal

Numerous studies have documented ways in which parent-adolescent relationships influence adolescents’ academic achievement (Dubois, Eitel, ----

Authors’ Note: This research was supported by a grant from the National Institute for Child Health and Human Development (No. R01-HD29409) to Ann Crouter and Susan McHale. We are grateful to our undergraduate and graduate student, staff, and faculty collaborators, as well as the dedicated families who participated in this project. Correspondence to Aryn Dotterer, University of North Carolina, Chapel Hill: dotterer@mail.fpg.unc.edu.
& Felner, 1994; Paulson, 1994; Steinberg, Lamborn, Dornbusch, & Darling, 1992; Wentzel, 1994), but much less is known about how adolescent achievement contributes to parent-adolescent relationship quality. Academic achievement can be a source of tension in families because conflict can arise when youth are not performing in school as well as their parents would like. In a review of research on adolescents’ reports of the most common causes of arguments with parents, issues related to school were among the top three causes (Montemayor, 1983). In a recent study, Allison and Schultz (2004) found that issues related to school, such as homework and school performance, were among the most frequent and intense areas of conflict between adolescents and their parents. In the face of these findings, the question remains, does adolescent academic performance predict subsequent parent-adolescent conflict?

The present investigation is grounded in an ecological approach to the study of adolescent development, which suggests that what occurs in one setting (such as the family) has implications for what occurs in another setting (such as school), what Bronfenbrenner (1979) termed mesosystem linkages. Based on prior work, our hypothesis was that experiences in the parent-adolescent relationship (such as conflict) have implications for adolescents’ subsequent performance in school, but we take the novel step of examining whether adolescents’ school performance has implications for the subsequent quality of parent-adolescent relationships. Consistent with an ecological perspective, however, these associations may not operate the same way for all families. Objectively similar experiences may have different implications across different settings (Bronfenbrenner & Crouter, 1983). According to ecological theory, family processes (such as parent-adolescent conflict) and contextual factors (such as parents’ educational background) interact in affecting children’s development. For example, parents may interpret and react to issues related to achievement differently, depending on their educational backgrounds. Thus, in the present study, we also examined whether links between parent-adolescent conflict and academic achievement differed as a function of parental education.

Parent-adolescent conflict and academic achievement are important issues during adolescence. Parent-child relationships change substantially during adolescence; changes include less time spent with parents and more conflict (Montemayor, 1983; Steinberg, 1990). Although the view of adolescence as a time of storm and stress (Hall, 1904) has been revised in recent years (Holmbeck, 1996), adolescence is a developmental period when the risk of problems in the parent-adolescent relationship increases (Rutter, Graham, Chadwick, & Yule, 1976). The adolescent years are also
a crucial time for school performance. Indeed, achievement in school is one of the critical tasks defining competence during this developmental period (Masten & Coatsworth, 1998). School performance takes on new salience during the adolescent years because academic achievement is related to future opportunities in terms of higher education and employment (Henderson & Dweck, 1990). For example, adolescents’ scholastic successes and failures can affect whether they are later able to attend college or qualify for certain vocational, apprenticeship, or military-service training opportunities.

Parenting and Achievement

The literature on parenting styles (Baumrind, 1966, 1991) provides a solid foundation for understanding the relation between parenting and academic achievement. For example, we know that adolescents whose parents are both responsive and demanding (i.e., authoritative) have higher academic achievement than that of their peers (Dornbusch & Wood, 1989; Glasgow, Dornbusch, Troyer, Steinberg, & Ritter, 1997; Steinberg et al., 1992). The affective quality of parent-adolescent relationships is also an important predictor of youth’s academic achievement (Crosnoe & Elder, 2004). Positive interactions between parents and adolescents are associated with higher academic achievement (Amato & Fowler, 2002). Conversely, negative and coercive family relationships convey negative messages to adolescents about themselves and their worth (Noller, 1994), which can lead adolescents to do poorly in school. Crosnoe and Elder (2004) found that emotional distance in the parent-adolescent relationship was associated with academic problems, such as poor grades and school suspensions.

In a sample of young adolescents, Forehand and colleagues (Forehand, Long, Brody, & Fauber, 1986) examined links between parent-adolescent conflict and academic achievement. Adolescents and their parents reported on recent disagreements and the intensity of these discussions. The researchers found that as conflict intensity in the father-adolescent relationship increased, adolescent grade point average decreased. From this cross-sectional study, it cannot be determined whether conflicts between fathers and adolescents are disruptive and therefore disturb adolescent school performance or if fathers take the disciplinarian role when adolescents’ grades fall, thereby increasing father-adolescent conflict. Longitudinal research is needed to understand the nature of these unfolding linkages. Using a longitudinal cross-lagged approach, we examined whether poor school performance was related to increases in parent-adolescent
conflict over time or whether more parent-adolescent conflict was related to decreases in school performance over time.

Only one longitudinal study has examined links between negative parental affect in parent-adolescent relationships and adolescent academic achievement: Melby and Conger (1996) asked whether negative parental affect (i.e., emotional tone), as measured when students were in the 8th and 9th grades, predicted adolescent academic achievement in 10th grade. Negative parental affect was operationalized with items such as interacting with the adolescent in an angry, irritable manner and responding to misbehavior with yelling, threatening, and physical reprimands. The researchers found that adolescents had lower grades in the face of hostile parenting. Melby and Conger also found that earlier academic achievement was indirectly related to later academic achievement through its effect on hostile parenting.

In the present study, we built on the work of Melby and Conger (1996) by focusing on parent-adolescent conflict to index relationship quality. We expanded this work to older adolescents because less is known about the nature of the association between general parent-adolescent conflict and academic achievement in the later high school years (i.e., 11th and 12th grades), a time when issues related to academic achievement become increasingly important as youth consider their post-high school plans. In the present study, we examined longitudinal associations between parent-adolescent conflict and academic achievement during the high school years. Finally, we controlled for previous achievement and parent-adolescent conflict in order to examine cross-lagged associations. Much of the research on parent-adolescent relationships and academic achievement focuses on socialization from parents to adolescents. Although parent-adolescent relationships are widely recognized as being naturally bidirectional, researchers are rarely able to examine how adolescent characteristics such as academic performance contribute to parent-adolescent relationship quality.

Social Class as a Context for Parenting and Academic Achievement

A body of work links socioeconomic status (SES) to academic achievement (Duncan, Yeung, Brooks-Gunn, & Smith, 1998; Sacker, Schoon, & Bartley, 2002) and has demonstrated that lower SES is associated with lower levels of school achievement (see review by Bradley & Corwyn, 2002). Researchers have offered several reasons for this finding. First, higher SES families have greater access to stimulating resources, such as computers, museums, and books, than do lower SES families (Bradley & Corwyn,
2002). In addition, higher SES parents tend to be more involved in their children’s education and to have higher expectations for their children’s achievement (Sacker et al., 2002).

Although there is no agreed-on way to operationalize social class (Hughes & Perry-Jenkins, 1996), parent education is one dimension of social class that has been recognized as being particularly important in predicting children’s achievement (Crosnoe, 2004; Davis-Kean, 2005; Klebanov, Brooks-Gunn, & Duncan, 1994; Schiller, Khmelkov, & Wang, 2002). In the present study, we chose parental education to index social class not only because this is a common strategy (Davis-Kean, 2005) but also because parental education is the dimension of class that is the most pertinent to the study of achievement. Furthermore, parental education may reflect parents’ ability to help with schoolwork, as well as the importance that they place on academic achievement (Muller & Kerbow, 1993).

Parental education may also moderate the link between parent-adolescent relationship quality and academic achievement. An ecological perspective (Bronfenbrenner, 1979; Bronfenbrenner & Crouter, 1983) posits that the same family processes may have different implications across different ecologies. Hughes and Perry-Jenkins (1996), for example, proposed that families assign different meanings and values to their behaviors and life circumstances as a function of social class. Thus, parents’ reactions to their adolescents’ academic achievement may differ, depending on parents’ educational backgrounds. For example, parents with more education may set higher expectations for their adolescents’ achievement. When adolescents do not reach these expectations, parents may react negatively.

Study Goals

In the present study, we examined longitudinal associations between parent-adolescent conflict and academic achievement. In the models that we estimated, baseline levels of the dependent variables (conflict or academic achievement) were controlled, which allowed us to examine the extent to which relationship quality predicted relative increases and decreases in academic achievement, as well as the extent to which academic achievement predicted relative changes over time in relationship quality. Grades in English and math were used as indicators of academic achievement because most students took these subjects and because these subjects represent verbal and quantitative domains of academic competence that are important areas of aptitude with regard to college admissions.
Our first question was the following: Controlling for academic achievement at about age 15, does parent-adolescent conflict predict subsequent academic achievement 2 years later? We predicted that parent-adolescent conflict would be related to relative declines in academic achievement. We were also interested in whether the associations between parent-adolescent relationship quality and academic achievement differed as a function of SES, as measured by parental education. We reasoned that the benefits of having better educated parents might buffer the negative effects of high levels of parent-adolescent conflict.

Our second question was this: Controlling for parent-adolescent conflict at about age 15, does academic achievement predict subsequent parent-adolescent conflict at about age 17? Our hypothesis was grounded in research showing that parent-adolescent relationships are shaped in part by adolescent behaviors (e.g., Kerr & Stattin, 2003; Melby & Conger, 1996). We expected that low achievement would trigger tensions between adolescents and their parents that would be manifested in increased conflict. Again, we were interested in the extent to which SES moderated the relation between academic achievement and parent-adolescent conflict. Although we did not have a priori hypotheses regarding how parental education might moderate the link, we reasoned that these processes could operate in two ways. On one hand, academic achievement may be more salient in families with high levels of education such that parents are more responsive to adolescent academic performance, responding to poor performance with increased conflict. On the other, parents with less education may be more likely to use harsh parenting practices and respond with increased conflict when adolescents do not perform well in school.

Method

Participants

The original sample consisted of 197 dual-earner families with adolescent offspring, participating in a longitudinal study of family relationships and adolescent development. Letters were sent home to families of 8th-10th graders recruited from school districts in the central region of a Northeastern state, inviting families to participate in a research study of family life in the 1990s and asking eligible families to return a self-addressed postcard indicating their interest in participation. Eligible families met the following criteria: The firstborn adolescent was in one of the targeted grades and had at least one sibling 1 to 4 years younger, and families were maritally intact. In addition, we sought families in which both
parents were employed at least part-time. The original sample was composed primarily of working- and middle-class families from small cities, towns, and rural areas. Financial restrictions precluded us from requesting return postcards from all families whether they fit our criteria or not. Thus, we could not establish the response rate of eligible families. We do know, however, that of the eligible families who returned postcards indicating tentative interest, over 90% agreed to participate once they had discussed the study with project staff.

Our analyses focused on 168 families in which adolescents had complete academic achievement data at Time 1 and Time 2. When the adolescents who did not have Time 2 English achievement data were compared to the rest of the sample, we found that these adolescents were more likely to have higher father-adolescent conflict at Time 1 relative to others in the sample, $t(10.6) = 2.54, p < 0.05$. Adolescents who were missing math achievement data at Time 2 did not differ from others in the sample on any of the variables in the present study.

Time 1 data were collected between September 1995 and January 1996; Time 2 data were collected 2 years later. Participants were mothers, fathers, and their firstborn adolescents from working- and middle-class families residing in small cities, towns, and rural areas. Reflecting the demographic composition of the geographic area in which they resided, all families were European American, with the exception of 4 families, who were biracial (i.e., African American-European American). At Time 1, average family size comprised 4.60 people ($SD = 0.82$). On average, at Time 1, mothers had completed 14.33 years of education ($SD = 2.09$), and fathers had completed 14.28 years ($SD = 2.29$). At Time 1, the average age of the adolescents (97 boys and 71 girls) was 14.90.

Procedures

At each measurement, mothers, fathers, and adolescents were interviewed separately in their homes about their personal qualities and family relationships. Informed consent was obtained from each family member, and the family received a $100 honorarium. Visits averaged 2 hr, and family members participated in face-to-face semistructured interviews and completed self-report questionnaires.

Measures

_Parental education._ We operationalized social class as the mean of parents’ educational levels because it is a family-level variable that reflects
not only access to resources but also the attitudes, values, and perspectives that accompany schooling. During the home interview, mothers and fathers each reported on their highest level of education obtained, which were significantly correlated, $r = 0.52, p < 0.001$ (12 years = high school graduate; 16 years = college degree). Overall, 24.8% of participants held high school degrees, 43.5% had obtained some college, 9.5% held college degrees, and 20.2% had advanced degrees.

**Parent-adolescent conflict.** Parent-adolescent conflict was assessed with an 11-item measure of conflict adapted from Smetana (1988). Mothers and fathers reported how frequently they engaged in conflict with their adolescents in 11 domains (e.g., household chores, bedtime or curfew, school) on a scale ranging from 1 (not at all) to 6 (several times a day). For mother-adolescent and father-adolescent conflict, Cronbach’s alphas were 0.81 and 0.85 for Time 1 and 0.79 and 0.81 for Time 2, respectively.

**Academic achievement.** Grades in English and math were recorded from adolescents’ most recent report cards during the home interview. Letter grades in English and math were converted into numerical scores (0 to 4) such that higher scores signified higher grades.

Results

Preliminary Analyses

Girls earned higher grades in English and math than boys did, $t(166) = 2.70, p < 0.01$, for English; $t(166) = 2.44, p < 0.01$, for math. Mothers and fathers reported more conflict with sons than with daughters, $t(166) = -2.68, p < 0.01$, for mother-adolescent conflict; $t(166) = -1.67, p = 0.09$, for father-adolescent conflict.

Bivariate correlations and descriptive statistics for variables to be modeled are presented in Table 1. As shown, adolescents had somewhat higher grades in English and math when they came from families with more education. More mother-adolescent and father-adolescent conflict at Time 1 was significantly related to lower grades in English and math at Time 2. Similarly, lower grades in English and math at Time 1 were significantly related to more mother-adolescent and father-adolescent conflict at Time 2. Cross-time stability in mother-adolescent and father-adolescent conflict was reasonably high: $r = 0.67, p < 0.001$, for mothers, and $r = 0.61, p < 0.001$, for fathers. Cross-time stability in English ($r = 0.35, p < 0.001$) and math grades ($r = 0.35, p < 0.001$) was somewhat weaker.
### Table 1

**Bivariate Correlations and Descriptive Statistics (N = 168)**

<table>
<thead>
<tr>
<th>Variable</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
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<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
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<tbody>
<tr>
<td>1. Parental education</td>
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<tr>
<td>2. English grade: Time 1</td>
<td>.14 $^*$</td>
<td>—</td>
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<tr>
<td>3. English grade: Time 2</td>
<td>.32 $^{***}$</td>
<td>.35 $^{***}$</td>
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<td></td>
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<tr>
<td>4. Math grade: Time 1</td>
<td>.14 $^*$</td>
<td>.40 $^{***}$</td>
<td>.27 $^{***}$</td>
<td>—</td>
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<td></td>
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<tr>
<td>5. Math grade: Time 2</td>
<td>.14 $^*$</td>
<td>.36 $^{***}$</td>
<td>.55 $^{***}$</td>
<td>.35 $^{***}$</td>
<td>—</td>
<td></td>
<td></td>
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<tr>
<td>6. Mom conflict: Time 1</td>
<td>-.00</td>
<td>-.37 $^{***}$</td>
<td>-.24 $^{***}$</td>
<td>-.30 $^{***}$</td>
<td>-.28 $^{***}$</td>
<td>—</td>
<td></td>
<td></td>
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<tr>
<td>7. Mom conflict: Time 2</td>
<td>-.02</td>
<td>-.19 $^{**}$</td>
<td>-.28 $^{***}$</td>
<td>-.28 $^{***}$</td>
<td>-.31 $^{***}$</td>
<td>.67 $^{***}$</td>
<td>—</td>
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<tr>
<td>8. Dad conflict: Time 1</td>
<td>.12</td>
<td>-.24 $^{**}$</td>
<td>-.21 $^{**}$</td>
<td>-.16 $^*$</td>
<td>-.27 $^{***}$</td>
<td>.62 $^{***}$</td>
<td>.57 $^{***}$</td>
<td>—</td>
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<tr>
<td>9. Dad conflict: Time 2</td>
<td>.08</td>
<td>-.16 $^*$</td>
<td>-.17 $^*$</td>
<td>-.22 $^{**}$</td>
<td>-.24</td>
<td>.45 $^{***}$</td>
<td>.64 $^{***}$</td>
<td>.61 $^{***}$</td>
<td>—</td>
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<tr>
<td>$M$</td>
<td>14.31</td>
<td>3.32</td>
<td>3.13</td>
<td>3.23</td>
<td>3.01</td>
<td>26.11</td>
<td>23.74</td>
<td>25.24</td>
<td>22.86</td>
</tr>
<tr>
<td>$SD$</td>
<td>1.91</td>
<td>.78</td>
<td>1.01</td>
<td>.94</td>
<td>.97</td>
<td>6.91</td>
<td>6.15</td>
<td>7.02</td>
<td>5.92</td>
</tr>
</tbody>
</table>

$^*$p < .10, $^*$p < .05, $^{**}$p < .01, $^{***}$p < .001.
At the bivariate level, there was evidence of negative associations between parent-adolescent conflict at Time 1 and grades at Time 2, as well as associations between grades at Time 1 and parent-adolescent conflict at Time 2. However, these bivariate relations do not take into account previous levels of conflict or grades. In the next set of analyses, we examined the extent to which parent-adolescent conflict was related to grades in English and math at Time 2 after accounting for academic performance in English and math at Time 1. Thus, we attempted to predict relative change in grades over a 2-year period. We then examined the extent to which grades at Time 1 were related to conflict at Time 2, after accounting for conflict at Time 1. These analyses attempted to predict change over and above a strong trend toward stability in conflict.

Analytic Strategy

Cross-lagged structural equation modeling was conducted using maximum likelihood estimation within the AMOS 6 statistical program (Arbuckle, 1994). Given our interest in the bidirectional effects of parent-adolescent conflict and academic achievement, a multivariate model was estimated in which conflict at Time 1 predicted English and Math grades at Time 2 and grades at Time 1 predicted conflict at Time 2. Unlike bivariate or regression analyses, this technique allowed us to examine these pathways simultaneously after accounting for the effects of all other variables in the model.

Multiple-group models were estimated for girls and boys. Because model fit was not significantly worse when paths were constrained to be equivalent for girls and boys, the data for girls and boys were analyzed in a single model ($\chi^2$ difference = 15.99, $df$ = 15, $p = 0.31$). Given that mother-adolescent and father-adolescent conflict were highly correlated at both Time 1 ($r = 0.62, p < 0.001$) and Time 2 ($r = 0.64, p < 0.001$), we averaged scores for mother-adolescent and father-adolescent conflict, a decision that resulted in a simpler, more parsimonious model. Variables were centered at their means for ease of interpretation.

Model Fit

Model fit was assessed by the obtained chi-square, Confirmatory Fit Index (CFI), Tucker Lewis Index (TLI), and root mean square error of approximation (RMSEA). CFI values above 0.95, TLI values above 0.95, and RMSEA values below 0.05 are generally considered to indicate good fit. The overall model fit was good, $0.2(7, N = 168) = 9.29, p = 0.23, CFI = 0.99, TLI = 0.99, RMSEA = 0.04$. 
Predicting Academic Achievement with Parent-Adolescent Conflict

Our first question concerned the extent to which parent–adolescent conflict predicted English and math grades after controlling for previous achievement, as well as the extent to which parental education moderated this association. The standardized results of the structural equation model of cross-time conflict and grades are presented in Figure 1.

**Figure 1**
Structural Equation Results for Parent–Adolescent Conflict and Academic Achievement

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*Note:***p < .01. ***p < .001.*
First, we examined stability in English and math grades over a 2-year period. Reflecting the bivariate findings, English grades at Time 1 were significantly and positively related to grades in English at Time 2, and math grades at Time 1 were also significantly and positively related to math grades at Time 2. As expected, parent-adolescent conflict at Time 1 was significantly and negatively related to English and math grades at Time 2. Specifically, more parent-adolescent conflict at Time 1 was associated with relative declines in academic achievement at Time 2. The effect for English grades at Time 2, however, was qualified by a significant parental education by conflict interaction. Simple slopes, computed according to Aiken and West (1991), show that adolescents had significantly lower Time 2 English grades when parent-adolescent conflict at Time 1 was higher and when they came from families with less education. In contrast, this association was not significant for adolescents in better educated families (see Figure 2).

Predicting Parent-Adolescent Conflict With Academic Achievement

Next, we examined the extent to which adolescent academic achievement at Time 1 predicted parent-adolescent conflict at Time 2. Parent-adolescent conflict at Time 1 was significantly and positively related to parent-adolescent conflict at Time 2. Contrary to our hypotheses, the main effects of Time 1 grades in English and math did not predict parent-adolescent conflict at Time 2. However, a significant interaction for parental education by Time 1 math grades emerged for parent-adolescent conflict. Lower grades in math at Time 1 were related to relative increases in conflict at Time 2 among families with less education. Simple slopes, computed according to Aiken and West (1991), showed that in families with less education, a 1.00-unit decrease in math grades was associated with a 2.38-unit increase in parent-adolescent conflict. In contrast, in families with more education, a 1.00-unit decrease in math grades was associated with a negligible 0.99-unit decrease in parent-adolescent conflict. We plotted these values for families with various levels of education (college degree versus high school degree) and math grades at Time 1 (for A students versus B and C students). As shown in Figure 3, after accounting for average levels of conflict at Time 1, in families with less parental education, lower math grades at Time 1 were associated with increased conflict at Time 2. In contrast, in families with more education, lower math grades at Time 1 were associated with negligible decreases in conflict at Time 2.
Discussion

The purpose of this study was to examine the longitudinal bidirectional associations between parent-adolescent relationships and academic achievement during the high school years. As youth begin considering their post-high school plans, the high school years become a critical time for adolescent achievement. The adolescent years also coincide with changes in the parent-child relationship. Although few studies have examined longitudinal associations between parent-adolescent relationship quality (such as conflict) and academic achievement among older adolescents, in the present study, we followed a group of adolescents in 9th and 10th grades over a 2-year period.
There are well-established links between parenting and achievement (Glasgow et al., 1997; Paulson, 1994; Steinberg et al., 1992; Wentzel, 1994), but prior work is mostly on younger adolescents and is cross sectional. Although some researchers propose that parental influence wanes in adolescence, the findings of Steinberg and colleagues (1992) provide evidence of the continuing influence that parents have on adolescent achievement during the high school years. Our study adds to this literature by addressing the bidirectional nature of these associations over a 2-year period.

Consistent with previous literature (Forehand et al., 1986; Melby & Conger, 1996), our evidence illustrated that higher parent-adolescent conflict at Time 1 predicted subsequent lower adolescent academic achievement at Time 2. Researchers have documented declines in academic achievement across the adolescent years (Barber & Olsen, 2004; Eccles, Wigfield, & Schiefle, 1998), and our findings suggest that parent-adolescent conflict is one factor contributing to those declines. Disagreements between parents and adolescents are a normative aspect of adolescence and can be important for establishing independence, but parent-adolescent conflict also has
negative implications for school performance, as shown by our finding that higher levels of parent-adolescent conflict predicted lower grades in English and math 2 years later. Problems at home can be distracting to adolescents and can interfere with their performance at school. In addition, the lack of a supportive home environment may undermine youths’ self-confidence and ability to take on challenging tasks that are necessary for school success.

We found evidence that adolescent achievement has implications for parent-adolescent conflict at the bivariate level and in our structural equation analyses, although this association was moderated by parental education. This finding is consistent with research on the bidirectionality of parent-adolescent relationships (Kerr & Stattin, 2003; Melby & Conger, 1996). Our results suggest that adolescent behaviors such as school performance help to shape the quality of parent-adolescent relationships. When adolescents struggle in school, it can be a source of stress and tension in the parent-adolescent relationship. Taken together, our findings that parent-adolescent conflict has implications for academic achievement and that academic achievement predicts later conflict support the notion that processes in one setting have implications for other settings (e.g., mesosystem linkages; Bronfenbrenner, 1979).

The importance of family interactions versus family background on youth’s academic achievement has been somewhat debated in the literature. Our findings underscore the importance of examining the effects of family interactions as well as SES on academic achievement (Dornbusch & Wood, 1989; Marjoribanks, 2005). We found that for adolescents with less educated parents, lower math grades were associated with increases in parent-adolescent conflict, but this pattern was not observed for adolescents with better educated parents. Most parents want their children to do well in school, but parents from various educational backgrounds may express those expectations in different ways. It could be that parents with less education are more likely to use harsh parenting practices and react more strongly when their adolescents perform poorly. In their SES-discipline response model, Pinderhughes and colleagues (Pinderhughes, Dodge, Bates, & Pettit, 2000) found that lower SES parents tended to endorse more harsh discipline responses. Furthermore, Alexander and colleagues (Alexander, Entwisle, & Bedinger, 1994) found a greater discrepancy between parents’ expectations for performance and their children’s actual school performance in families of lower SES. Given the discrepancy between parents’ beliefs about their children’s performance and actual performance, parents with less education may react negatively when they find out that their children are not doing as well as they expect. Future research should examine parental beliefs and expectations as possible mediators of the relation between relationship quality and academic achievement.
This study is limited in terms of sample characteristics. Reflecting the demographic characteristics of the area from which families were drawn, participants were European American and working and middle class. Although we did find that parents’ educational level moderated the relation between parent-adolescent conflict and academic achievement, this finding needs to be replicated in a more economically diverse sample. The associations between parent-adolescent relationship conflict and academic achievement may also differ as a function of ethnicity or family structure—issues we were not able to examine here. Although Amato and Fowler (2002) did not find that the links between parenting practices and youth outcomes differed as a function of ethnicity, Fuligni (1998) found that Filipino adolescents were less likely to argue and talk back to their mothers and that both Filipino and Mexican American adolescents believed that it was less acceptable to openly contradict their fathers than did European American adolescents. The value placed on achievement may also differ among ethnic groups and families from various socio-economic backgrounds. An avenue for future research is to examine the bidirectional associations among parent-adolescent conflict and academic achievement in a more diverse sample.

This study’s findings can be used to educate teachers, school counselors, and family life educators to be aware that declines in academic achievement can be a source of tension in parent-adolescent relationships. In addition, it is important to disseminate to teachers and parents the fact that parent-adolescent relationship quality has implications for adolescents’ academic achievement. These findings highlight a complex bidirectional process linking parent-adolescent conflict and academic achievement. School counselors and teachers can also help less educated parents in particular to understand the increased academic pressures that their adolescents are under in high school, to form realistic expectations, and to find ways to effectively help their adolescents through this period, especially when adolescents are facing challenging academic circumstances.

References


