In Their Own Words: AP Students Characterize their Role Models

Steve Arrieta¹,², Carolyn Callahan² & Haydee Cruz², ³

Montclair State University¹, University of Virginia², Arizona State University³

Introduction

Statement of the Problem
A passing score of "3" on Advanced Placement Exams have been correlated with later college performance (Dougherty, Mellor, & Jain, 2006; Gleiser and Santelices, 2004).

• The number of AP exams taken by African Americans and Latinos has more than doubled between 2000-2006; these students have not been receiving a 3 or better (College Board, 2007; College Board, 2005).

Rationale
• One of the major problems in both general and gifted education is the scarcity of Black teachers or other academic professionals (Garibaldi, 1991).

• The lack of racial and gender in-group members may give an impression that many academic professions are unavailable to ethnic minorities (Ogbu, 2003).

• Academic support structures for minority students, including summer AP prep courses, counselor-led weekly lunch meetings and organized teacher-led study sessions have shown improved academic outcomes (Bittler, 2004; College Board-Press Release, 2006, Kyburg, Herbst-Davis, & Callahan, 2007; Wakefield High School, 2008).

• Resilience has been defined as adjustment in face of negative circumstances (Rutter, 1981, 1987). A resilient factor that is often associated with ethnic minority achievement is the presence of a strong support network which includes in-group role models (Marc, Ko, & Friedman, 2009; Herbert, 1986; Rais, Cobert, & Hebert, 2005).

• Following Zinkel’s (2002) model, identification with a role model should demonstrate that “someone like them” can indeed go to college. Role models can have an inspiring effect when their academic goals seem more attainable (Lockwood & Kunda, 1997).

• The AP challenge summer program provided 83 ethnic minority high school students from 3 high schools week long activities which included AP course preparation, reading skills, and other teacher or counselor-led activities.

Research Questions
• What are characteristics most valued by “high potential” ethnic minority adolescents when selecting role models?

• How does immigrant status/racial identity affect choice of role models?

Methods

Procedure
• Three urban schools in a Mid-Atlantic state were identified as having significant minorities and low-income populations to participate in the AP challenge intervention group.

• AP Challenge students were ethnic minority students from the Mid-Atlantic schools district identified as “high potential” based on academic performance and recommendations from school counselors and teachers.

Participants
Students (n=11) from the AP Challenge Program (ages 14-17); 8 males, 3 females.

Analysis
Interviews were organized using NVivo8 software.

Analysis upon an a priori list of codes derived from the literature used to create the analytic framework for this study which included:

• Distance - the participant knew their role model

• Domain - Whether the role model was successful in an area deemed important to the participant.

• Education Required - if the role model’s profession required a college education

• Absence of role models

• Social Learning Theory – observation of role model resulted in direct shaping of the participant’s behavior

• Possibilities – admiration of role model demonstrated that “someone like them” could succeed in a certain domain

Results

• Coding
• After a peer-review process, in which the researchers agreed upon the placing of quotes in certain categories, the following were seen to have consistent results. While coding, researchers took note if particular patterns emerged. Pattern coding has been shown as an effective way to organize emerging themes and overarching constructs (Miles & Huberman, 1994).

• Frequent citing of particular role model characteristics across all interviews were seen as significant insight into the participant’s admiration.

• Distance - Close

• Domain - Any area

• Alignment of role model

• Education Required

• Gratitude

• Moral altruism

• Possibilities

• Race

• Social Learning Theory

• Results

Table of Results

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<th>Alignment of role model</th>
<th>Education Required</th>
<th>Gratitude</th>
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Figure #1

Conclusions

• While there was ample evidence of the categories mentioned by previous studies (e.g., Education required, distance to role model, social learning theory, etc) the present study was able to find new trends mentioned by participants. While the literature suggests that many ethnic minority youth may not have role models (Zinkel, 2002; Ogbu, 2002), only two of the eleven participants could not name a role model. Parents or family members were mentioned as role models often. Our first generation participants often explained their adulation for their parents as admiration and gratitude for the hardships they faced as immigrants in an unknown land.

Evidence from student quotes:

When we came to this country, we basically had nothing…so my mom worked hard, right after she raised us from uh basically babies to six graders. So she stayed home most of the […] My mom had to work long hours, just to provide our needs

• Participants raised by single parents also shared similar sentiments:
  • I would say Brad Pitt and Angelina Jolie…because I’ve made it and now [they’re] helping out the less fortunate
  • In the absence of perceived adversity, participants continually expressed gratitude towards their parents:
  • she’s a strong woman [mother], like, she’s also a teacher so she doesn’t only care for me and my brother as her children, she has like a hundred other children too

• Participants also expressed admiration for role models that displayed altruistic behaviors:

Selected References


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