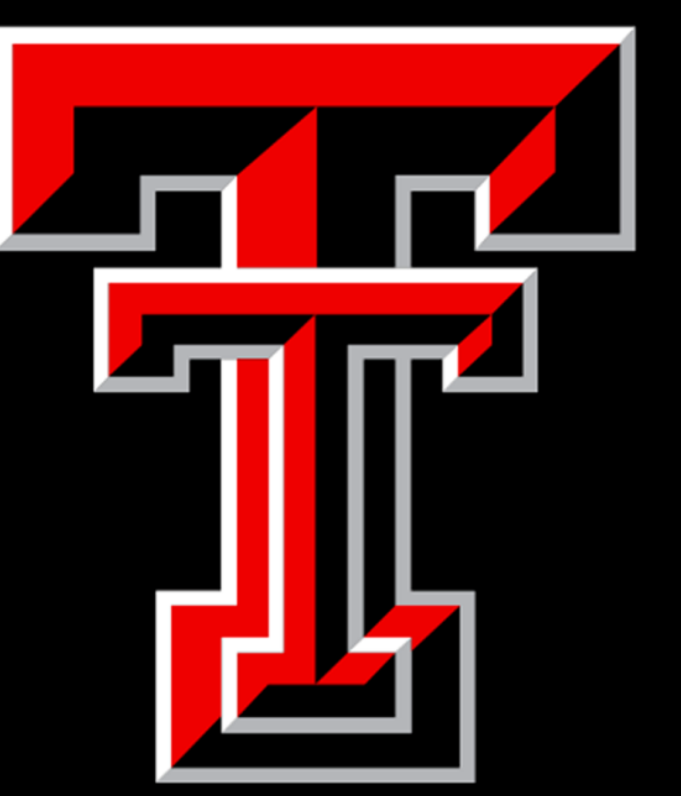




Mexican Descent Adolescent & Emerging Adult Alcohol Use Issues and Life Satisfaction: Ethnic Identity Affirmation as a Form of Resilience in the Face of Discrimination



Maria R. Sanchez, B.A., Abryl Olivas, Iliana M. Gonzalez, B.S., Brandy Piña-Watson, Ph.D.

Texas Tech University

INTRODUCTION

DISCRIMINATION, LIFE SATISFACTION, & ALCOHOL USE

- Discrimination is the unfair treatment of an individual or a group of people, based on certain characteristics, such as race, ethnicity, age, gender, etc.⁵
- Discrimination has been linked to several negative mental health outcomes, such as lower self-esteem, suicidal ideation, state anxiety, trait anxiety, and depression^{1, 7, 8}
- Ethnic minorities have been found to be particularly at risk for experiencing discrimination and therefore at higher risk for lower life satisfaction and engaging in excessive alcohol use^{1, 3, 4, 7, 8, 9, 12}

ETHNIC IDENTITY AFFIRMATION AS A PROTECTIVE FACTOR

- Ethnic identity is a self-concept created by individuals of an ethnic group based on the group's culture, rituals, and social norms. The process of associating negative or positive attitudes with an ethnic identity is known as ethnic affirmation^{6, 10}
- Higher levels of ethnic identity affirmation (EI-A), or feeling more positively about your ethnic identity, has been shown to be a potential protective factor for ethnic minorities in the context of culturally based stressors²
- Mexican descent adolescents who reported having higher level of EI-A also reported having high levels of self-esteem, whereas adolescents who reported having low levels of EI-A also reported having low levels of self-esteem¹¹



PURPOSE & HYPOTHESES

PURPOSE

The purpose of the study is to examine the potential moderating, or buffering, role of EI-A in the context of discrimination on alcohol use issues and life satisfaction among Mexican descent adolescents and emerging adults.

HYPOTHESES

- H₁:** Higher levels of discrimination will be related to higher levels of alcohol use issues
- H₂:** Higher levels of discrimination will be related to lower levels of life satisfaction
- H₃:** EI-A will moderate the relationship between discrimination and alcohol use issues such that those with higher levels of EI-A will be protected against the negative effect of discrimination on alcohol use, and those with lower levels of EI-A will be put at risk for more alcohol use issues in the context of higher levels of discrimination
- H₄:** EI-A will moderate the relationship between discrimination and life satisfaction such that those with higher levels of EI-A will be protected against the negative effect of discrimination on life satisfaction, and those with lower levels of EI-A will be put at risk for poorer life satisfaction in the context of higher levels of discrimination

METHODS

PARTICIPANTS

- Mexican descent adolescents and emerging adults
- Ages:** 14–25 years (M = 17.89; SD = 2.63)
- Gender:** 65.9% women, 33.2% men, and 0.3% transgender

INSTRUMENTS

- Perceived Racism Scale for Latina/os (RSQ)¹⁴
- Ethnic Identity Scale (EIS)¹⁶
- Alcohol Use Disorder Identification Test (AUDIT)¹³
- Satisfaction with Life Scale¹⁵

PROCEDURE

- Complete self-report survey on Qualtrics
- Class credit was awarded to college participants and high school participants were entered into a drawing to win one of twenty \$50 cinema gift cards

RESULTS

CORRELATIONS:

Table 1. Correlations, Means, Standard Deviations, and Alphas of Latent Variables (n = 722)

	1	2	3	4	5	6	7
1. Gender	-----						
2. SES	-0.07	-----					
3. Dev Level	0.10**	-0.22***	-----				
4. Discrimination	0.05	-0.13***	0.28***	-----			
5. EI-Affirmation	0.02	-0.04	0.05	-0.28***	-----		
6. Alcohol Use	-0.05	-0.07*	0.25	0.28***	-0.15***	-----	
7. Life Satisfaction	-0.08*	0.22***	0.03	-0.12**	0.14***	-0.13**	-----
	α						
	-----	-----	-----	-----	-----	-----	-----
	M			1.99	3.71	3.40	24.18
	SD			0.63	0.48	0.52	0.90

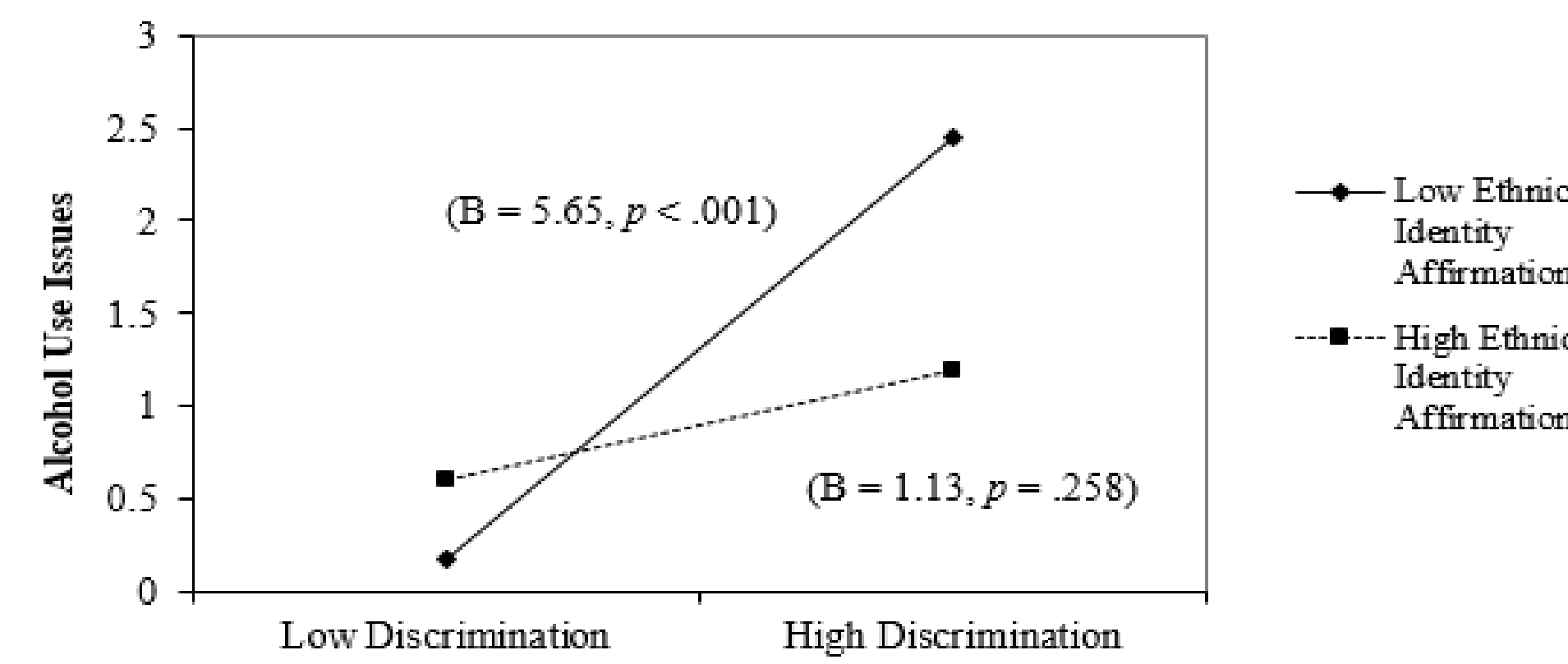
Note: SES= socioeconomic status; Dev = Developmental; EI = Ethnic Identity; * $p < .05$, ** $p < .01$, *** $p < .001$

H₁: Fully supported

H₂: Fully Supported

LINEAR REGRESSION ANALYSIS:

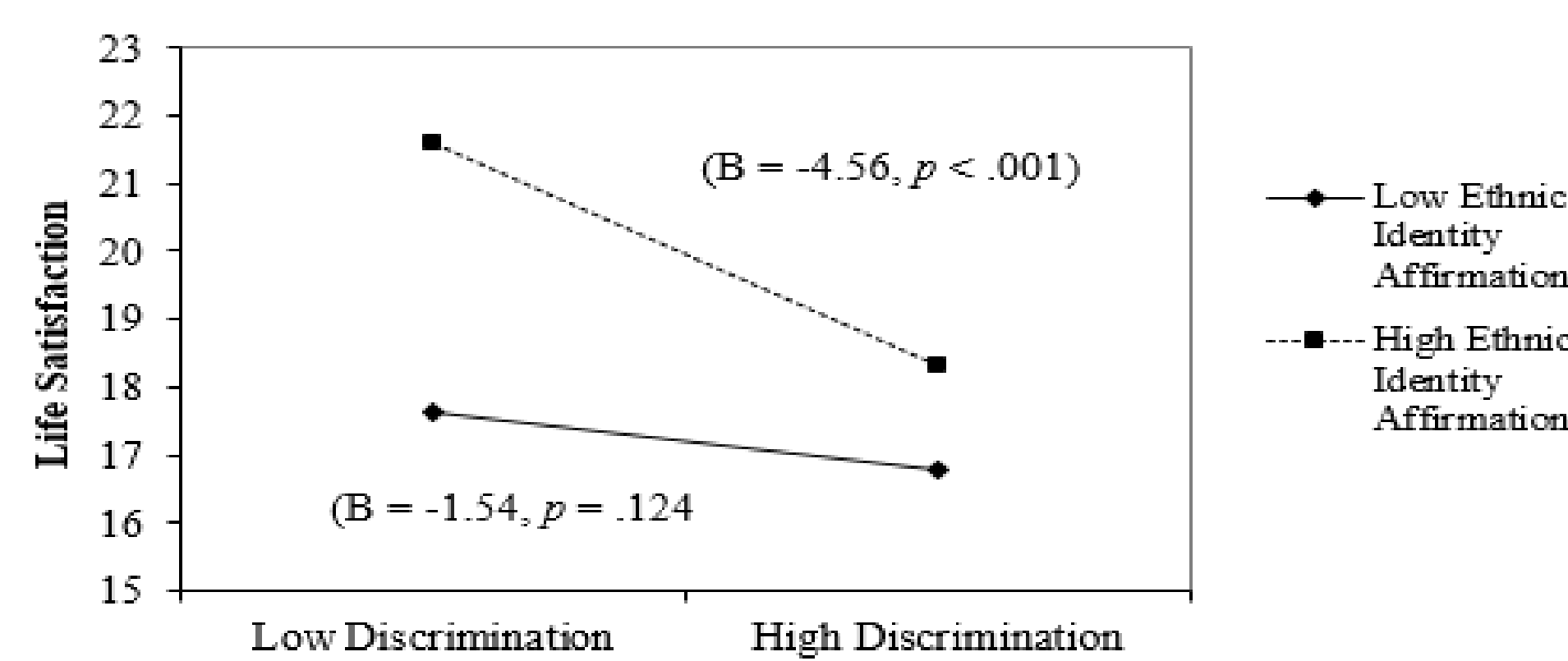
ALCOHOL USE ISSUES



H₃: Fully supported

- Higher EI-A: protective in relationship between discrimination and alcohol use issues given there is a non-significant relationship for this group
- Low EI-A: risk factor in the relationship between discrimination and alcohol use given the significant positive relationship for this group

LIFE SATISFACTION



H₄: Fully Supported

- Higher EI-A: protective in relationship between discrimination and life satisfaction issues given there is a non-significant relationship for this group
- Low EI-A: risk factor in the relationship between discrimination and life satisfaction use given the significant positive relationship for this group.

CONCLUSIONS

IMPLICATIONS

- Increasing ethnic identity for adolescent and college-aged Latinx individuals can lead to higher psychological well-being and lower alcohol use in the context of higher discrimination
- Prevention programs aimed at strengthening ethnic identity affirmation is needed

LIMITATIONS & FUTURE RESEARCH

- Data was collected cross-sectionally which limits the ability to make causal inferences
- Participants were recruited from schools located in the U.S. Texas-Mexico Rio Grande Valley, therefore our findings are not generalizable across the U.S.
- Future longitudinal research could shed light onto the long-term impact of discrimination on alcohol use and mental health while also considering that the ethnic identity development process and affirmation about one's ethnic group can shift over time and over development

REFERENCES

- Araujo, B. Y. & Borrell, L. N. (2006). Understanding the link between discrimination mental health outcomes, and life chances among Latinos. *Hispanic Journal of Behavioral Sciences*, 28, 245-266. doi:10.1177/0739986305285825
- Brittan, A. S., Umaña-Taylor, A. J., Lee, R. M., Zambanga, B. L., Kim, S. Y., Weiskirch, R. S., ... & Brown, E. J. (2013). The moderating role of centrality of associations between ethnic identity affirmation and ethnic minority college students' mental health. *Journal of American College Health*, 61, 133-140. doi:10.1080/07448481.2013.773904
- Cheng, H. I. & Mallinckrodt, B. (2015). Racial/ethnic discrimination, posttraumatic stress symptoms, and alcohol problems in longitudinal study of Hispanic/Latino college students. *Journal of Counseling Psychology*, 62, 38-49. doi:10.1037/cou0000052
- Coxley, K., Hall-Clark, B., & Hicks, D. (2011). Ethnic minority-majority status and mental health: The mediating role of perceived discrimination. *Journal of Mental Health Counseling*, 33, 243-263. doi:10.17744/mehc.33.3.us1n011020783086
- Findlaw. (2019). What is Discrimination? - Findlaw. Retrieved from <https://civilrights.findlaw.com/civil-rights-overview/what-is-discrimination.html>
- Gonzales-Baker, M. A., Bámaca-Colbert, M. Y., & Allen, K. (2016). Ethnic identity trajectories among Mexican-origin girls during early and middle adolescence: Predicting future psychosocial adjustment. *Developmental Psychology*, 52, 790. doi:10.1037/dev0000193
- Hwang, W. C. & Goto, S. (2009). The impact of perceived racial discrimination on the mental health of Asian American and Latino college students. *Asian American Journal of Psychology*, 14, 326-335. doi:10.1037/1099-9809.14.4.326
- Moradi, B. & Risco, C. (2006). Perceived discriminations experiences and mental health of Latina/o American persons. *Journal of Counseling Psychology*, 53, 411-421. doi:10.1037/0022-0167.53.4.411
- Otiniano Verissimo, A. D., Grella, C. E., Amaro, H., & Gee, G. C. (2014). Discrimination and substance use disorders among Latinos: The role of gender, nativity, and ethnicity. *American Journal of Public Health*, 104, 1421-1428. doi:10.2105/AJPH.2014.302011
- Piña-Watson, B., Martinez, A. J., Cruz, L. N., Llamas, J. D., & López, B. G. (2018). Ethnic identity affirmation as a strength for Mexican descent academic outcomes: Psychological functioning and academic attitudes as mediators. *Psychology in the Schools*, 55, 1155-1170. doi:10.1002/pits.22188
- Romero, A. J., & Roberts, R. E. (2003). The impact of multiple dimensions of ethnic identity on discrimination and adolescents' self-esteem. *Journal of Applied Social Psychology*, 33, 2288-2305. doi:10.1111/j.1559-1816.2003.tb00885.x
- Torres, L. & Vallejo, L. G. (2015). Ethnic discriminations and Latino depression: The mediating role of traumatic stress symptoms and alcohol use. *Cultural Diversity and Ethnic Minority Psychology*, 21, 517-526. doi:10.1037/cdp0000020
- Babor, T. F., Higgins-Biddle, J. C., Saunders, J. B., Monteiro, M. G. The Alcohol Use Disorders Identification Test: Guidelines for Use in Primary Health Care. (2nd ed.) Geneva: World Health Organization; 2001
- Collado-Proctor, S. M. (1999). The Perceived Racism Scale for Latina/os: A multidimensional assessment of the experience of racism among Latina/os. (Doctoral dissertation, ProQuest Information & Learning).
- Diener, E., Emmons, R. A., Larsen, R. J., & Griffin, S. (1985). The satisfaction with life scale. *Journal of Personality Assessment*, 49, 71-75. doi:10.1207/s15327752jpa4901_13
- Umaña-Taylor, A. J., Yazedjian, A., & Bámaca-Gómez, M. (2004). Developing the ethnic identity scale using Eriksonian and social identity perspectives. *Identity: An International Journal of Theory and Research*, 4, 9-38. doi:10.1207/s1532706Xid0401_2