

Influences of Intermediate Familial and Peer Tobacco Usage and History on Young Latino College Students in the Central Valley of California

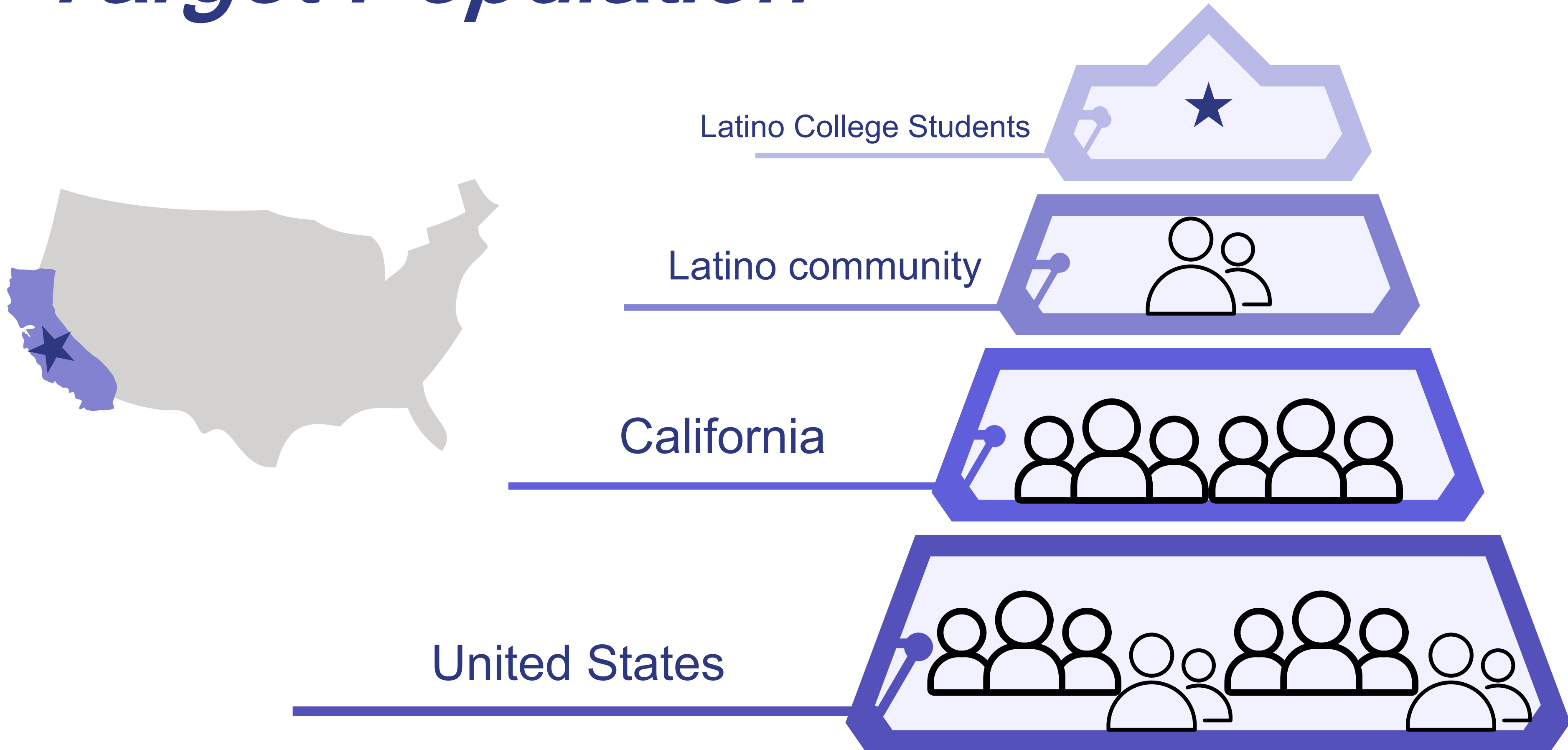
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This project was partially supported by funds provided by The Regents of the University of California, Research Grants Program Office, Tobacco Related Disease Research Program, Grant Number T33SR6550. The opinions, findings, and conclusions herein are those of the author and not necessarily represent those The Regents of the University of California, or any of its programs.

Target Population

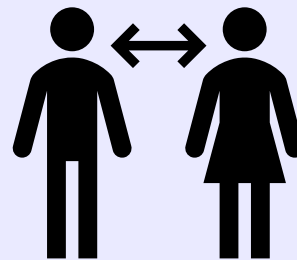


Latino College Students



Recent Research

- 80% pattern use
- 43.2% increase in use, 38.7% decrease in use, Why?



At Home Mandate

- Many college moved back home with their families
- 60% lived at home



Relevance of the Study

- It's important to consider the influence of family on tobacco use among college students.

Research Question

The current study seeks to investigate tobacco and nicotine use among Latino college students in California's central valley and the influence of family and peer use patterns (i.e., past and current use).

Hypothesis

Amongst Latino college students,

Familyuse will be positively associated

Peeruse will be positively associated

Familyuse will be **more**strongly associated with participants' use **than peers**.

Methodology



Participants

- N=238
 - Fresno City College(65)
 - Fresno State Psych(237)
 - Fresno State Non-Psych(46)
- 70.7%female, 25%male
- Mean Age = 19.92

Procedure

- Presented purpose of the study
- Provided information for online access
- Compensation: Upon receipt of completed survey & varies
 - FCC = amazon gift card
 - Fresno State = course credit

Methodology



Survey

- Global Adult Tobacco Survey, GATS
- Online survey
- Gathered quantitative data

For Example,

- "How often do you currently smoke tobacco or use any tobacco/nicotine products?"
- Daily, weekly, monthly, less than monthly, or never.

Results

Participant demographics:

- Age
- Immigration status
- Gender

Past and current tobacco and nicotine usage from:

- Participants, family members and peers

Table 1. *Correlation Analysis Examining the Relationship Involving Family and Peer Past and Current Use of Tobacco and Nicotine on Latinx Young Adult's Lifetime Use of Tobacco and Nicotine*

Variable	1	2	3	4	5	6	7
1. TN_ever							
2. Current Family Use	.266**						
3. Past Family Use	.242**	.905**					
4. Current Peer Use	.419**	.360**	.344**				
5. Past Peer Use	.429**	.384**	.351**	.873**			
6. Female	-0.021	0.076	0.005	0.022	0.031		
7. Age	.299**	0.107	0.139	.142*	0.138	-0.06	
8. Imm_gen	0.101	.124*	0.09	0.035	0.037	-0.045	0.014

** p < 0.01 (2-tailed); * p < 0.05; N =303; TN_ever - Participant has ever used tobacco or nicotine products; Imm_gen - generational immigration status

Results

Table 2. Regression Analysis Examining the Relationship Involving Family and Peer Past use of Tobacco and Nicotine on Latinx Young Adult's Lifetime Use of Tobacco and Nicotine

	<i>b</i>	<i>SE</i>	β	<i>p</i>
Age	0.01	0.00	0.30	<0.001
Female	0.00	0.02	0.01	0.87
Family Use (P)	0.01	0.01	0.10	0.16
Peer Use (P)	0.20	0.01	0.29	<0.001

Table 3. Regression Analysis Examining the Relationship Involving Family and Peer Current use of Tobacco and Nicotine on Latinx Young Adult's Lifetime Use of Tobacco and Nicotine

	<i>b</i>	<i>SE</i>	β	<i>p</i>
Age	0.02	0.00	0.30	<.001
Female	0.00	0.02	0.01	0.83
Family Use (C)	0.016	0.01	0.12	0.10
Peer Use (C)	0.020	0.01	0.24	<0.001

Results

Amongst Latino college students,



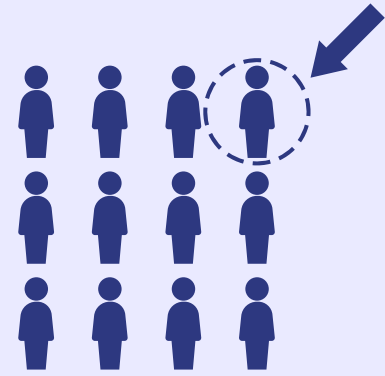
Concurrent examination ~~of~~ *past* family &
peer use related to current use

Concurrent examination ~~of~~ *current* family & peer
use related to current use

Highlighting key role that peers play but
acknowledging influence of family in early
adulthood

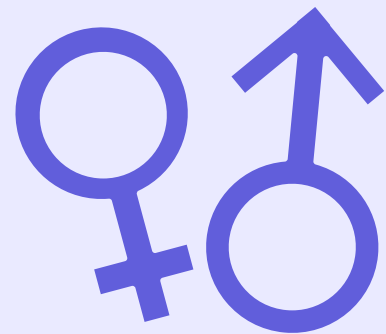


Limitations



Sample Size

- Small, limited amount of participants
- Larger sample size, more variety



Gender

- Mostly Female participants
- Needs more variation



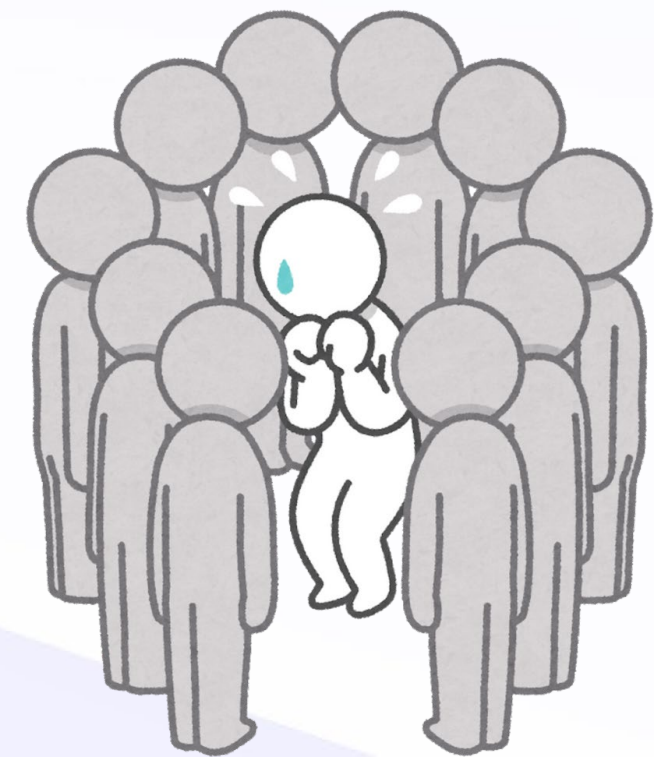
Span of the Study

- Study is not ongoing or long term
- New tobacco and nicotine products
- No participant follow up

Future Directions

⚙ Further Investigation

- Current residing residence
- Why are young Latina adults using tobacco products?
 - Are they being targeted?
 - Are they just trying to fit in?
- Are males less likely to talk about their usage of tobacco and nicotine products?





 *Thank You*

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