

Background

- Contemporary college students experience persistent rad gender disparities, despite being the most educated U.S. (e.g., Milkman, 2017; Umaña-Taylor, 2016).
- Perceived racial discrimination has been consistently der contribute to poor health and well-being. Specifically, di has been linked to adverse health effects, such as lower more depressive symptoms, and sleep disruptions (e.g., al., 2012; Slopen, Lewis, & Williams, 2016).
- Black and Latino youth report more perceived discrimination compared to other racial and ethnic groups, particularly discrimination is perpetrated by adults (e.g., Douglass & Taylor, 2016).
- Among all minorities, Asian youth report experiencing tl amount of peer discrimination of all ethnic backgrounds Thomas, Bardwell, Ancoli-Israel, Dimsdale, 2006).

Hypotheses:

- Racial and ethnic minority students will report more dis and less quality sleep compared to white college studer
- Perceived discrimination will be negatively associated 2. sleep quality and duration among young adults.

	White (n = 161)	African American (n = 21)	Latino (n = 35)	Asian (n = 31)	Multiracial/Ethnic (n = 34)	5
Perceived Discrimination	0.49	0.51	0.63	0.67	0.67	ŀ
Sleep Duration	6.80	6.20	6.50	6.20	6.60	ŀ
Sleep Quality	2.75	2.67	2.57	2.71	2.71	ŀ





The Associations Between Perceived Discrimination and Sleep Quality Among **College Students**

Clara Etscheid, Russell B. Toomey, Katharine H. Zeiders, Lindsay T. Hoyt The University of Arizona & Fordham University

Method

acial and	Ρ	articipants
S. generation	0	Data were collected from a sample of 28 students ranging from ages 18-25 from and Fordham University. The majority of
emonstrated to discrimination r self-esteem, ., Grandner et		White (57%, n = 161), 12% as Hispanic, I as Asian, 7% as Black or African America multiracial/ethnic. Student participants Indian/Alaskan Native (n = 1) or Middle participants were not included in analys sizes.
nation	_	
y when the		ocedure
& Umana-	Ο	During the U.S. Presidential election in N were recruited online via email and on c
the highest ds (e.g.,	0	Participants completed an initial survey regarding their feelings and stress surror also collected on income, family, and he
	M	easures
liscrimination	0	Overall perceived discrimination: Perce
ents.		Questionnaire (Brondolo et al., 2005; Co were rated on a 0 (Almost never; never)
with perceived		scale.
	0	Sleep duration: During the past month,
		hours of <u>actual sleep</u> you get on an aver different than the number of bours you
	\cap	different than the number of hours you Sleep quality: During the past month, he
	U	quality overall? This item was rated on a

Table 1. ANOVA Results

scale.



- 282 undergraduate college both the University of Arizona of the sample identified as Latino, or Spanish origin, 11% can, and 12% as who identified as American Eastern/North African (n = 4) ses given the small sample
- November 2016, participants campus with flyers.
- / and five nightly surveys ounding the election. Data were ealth.
- ceived Ethnic Discrimination Contrada et al., 2001). Items) to 4 (Almost always/always)
- , please estimate how many erage weeknight? This may be spent in bed.
- how would you rate your sleep a 1 (Very bad) to 4 (Very good)

F Statistic

- F (4, 281) = 2.67, p < .05
- F (4, 281) = 3.16, p < .05
- F(4, 281) = 0.41, p = .80

- = -.255, p < .001).

Conclusions and Implications

- - Bowden, 2006).
- draw generalizable conclusions.

Acknowledgements

The authors acknowledge funding from the Frances McClelland Institute for Children, Youth, and Families. References are available upon request.

Results

• To test our hypotheses, we (1) conducted an ANOVA to examine mean-level differences by race/ethnicity in overall perceived discrimination and sleep quality, and (2) examined the correlations among overall perceived discrimination and sleep quality.

• Contrary to our hypotheses, post-hoc tests revealed there were no significant group differences by race/ethnicity on perceived discrimination, sleep duration, or sleep quality (see Table 1).

• Consistent with hypotheses, overall discrimination had a small and negative correlation with the average number of hours slept nightly (r

• Similarly, overall discrimination had a small and negative correlation with sleep quality of the past month (r = -.217, p < .001).

• Number of hours of average nightly sleep had a strong, positive correlation with sleep quality over the past month (r = .481, p < .001).

• Consistent with prior research, reports of perceived discrimination were found to be associated with poorer quality sleep and shorter sleep duration (e.g., Grandner et al., 2012; Slopen et al., 2016).

• In other research, stress is seen to have adverse impact on sleep quality and sleep duration. With more exposure to racist experiences, participants have been found to experience more negative thoughts, leading to more disrupted sleep (Steffen &

 Interestingly, there were no racial/ethnic differences in sleep or perceived discrimination. This may be due to the small number of participants and underrepresented populations in the study. This finding needs to be replicated with a larger sample size in order to



