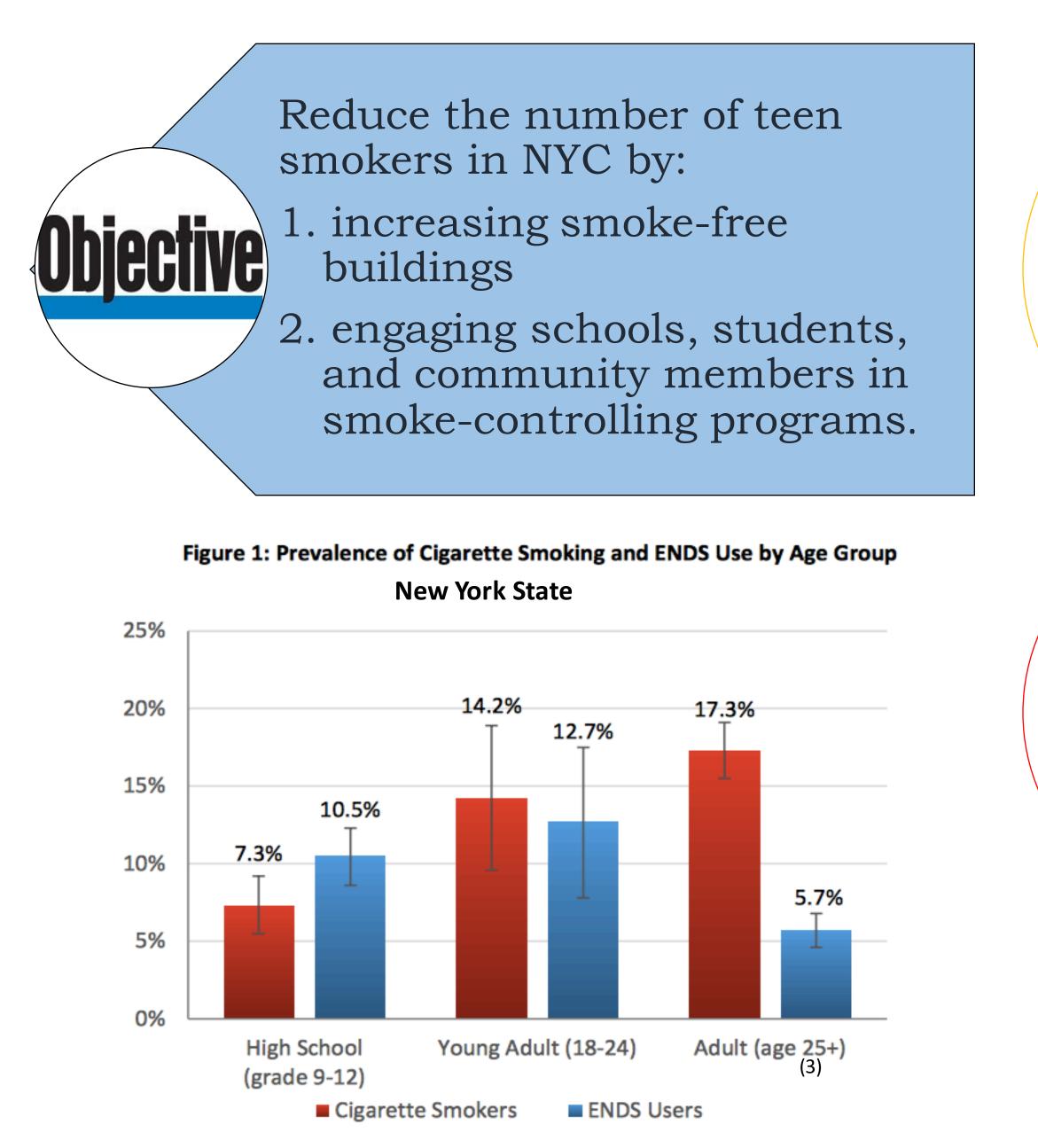
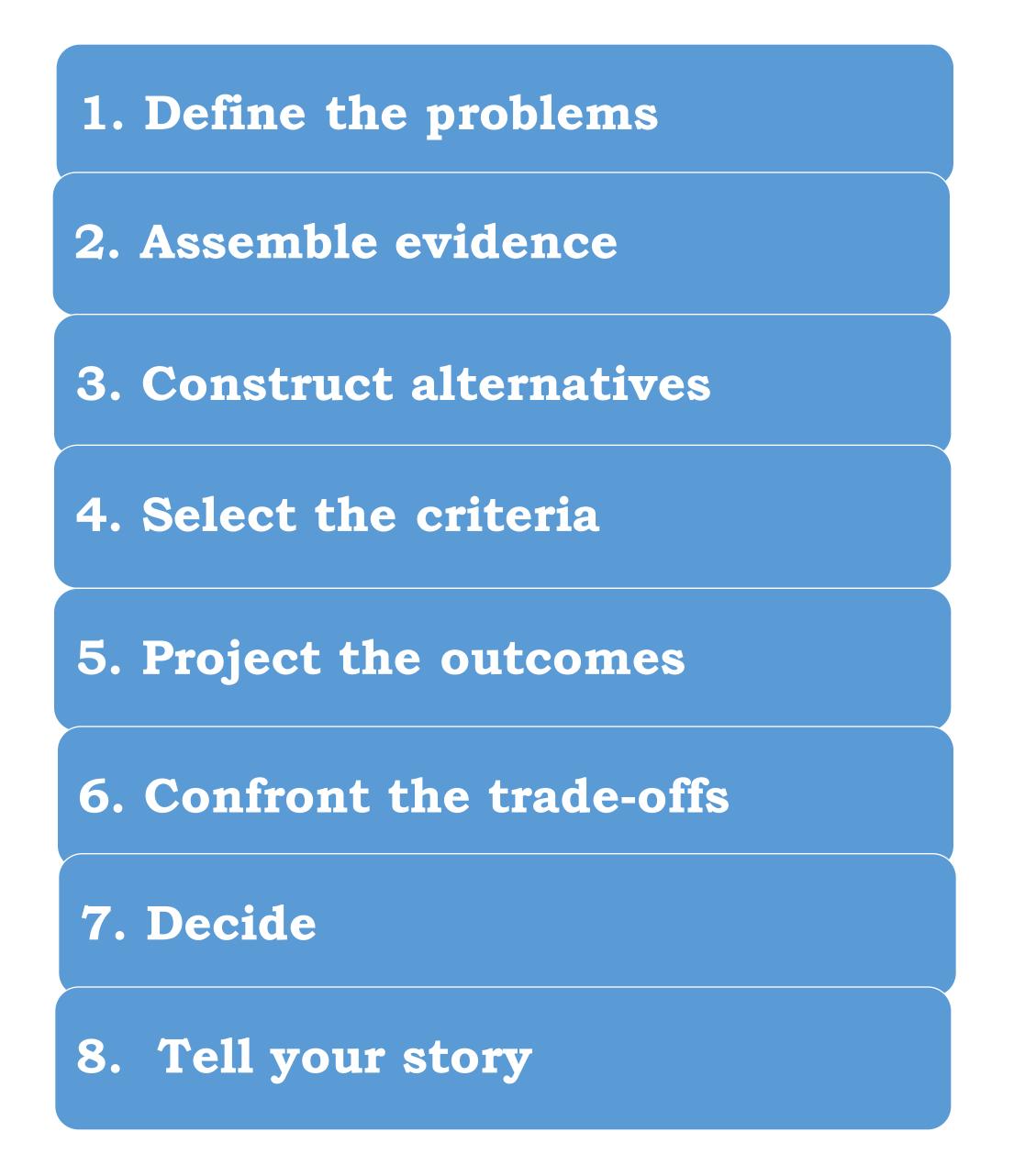
Engaging communities through schools and housing to reduce teen smokers in NYC Tsering Yangki Gyakhang, Health Sciences-Planned Clinical Emphasis ('19)



Methods

The Bardach Eightfold Pathway was used to guide an extensive literature review and legal research to construct Congressional Testimony for the Senate HELP Committee.



54% vs **32%** those who live in high poor areas smell smoke vs low poor areas

public high school students smoke cigarettes

Problems

15,000

37% vs **24%** of NYC residents are exposed to secondhand smoke vs the national rate

> 200,000 children encounter secondhand smoke

\$10.39 billion NYS health care cost due to direct smoking

Evidence

- Public health education campaign will be successful because California achieved the second lowest smoking rate in the nation using a similar program₍₂₎.
- Utah has the lowest smoking rate in the United States as they have banned smoking in almost all public places(6).

References

1. Farley S, Dragan K, Hinterland K, Stalvey L. (2018). Secondhand Smoke and Smoke-Free Housing in New York City. NYC Vital Signs. Retrieved from

https://www1.nyc.gov/assets/doh/downloads/pdf/survey/smoke-free-housing.pdf 2. Lee, J. J. (2011, July 13). California's adult smoking rate at a record low. The Mercury News, Retrieved April 08, 2018, from https://www.mercurynews.com/2011/07/13/californias-adult-smoking-rate-at-a-record-low/ 3. Prevalence of Cigarette Smoking, Use of Electronic Nicotine Delivery Systems, and Dual Use by Youth, Young Adults, and Adults in NYS. (2014). Department of Health, Retrieved from https://www.health.ny.gov/prevention/tobacco_control/reports/statshots/volume8/n5_cigarette_ends_and_dual _use_2014.pdf

4. Smoking and Tobacco Control Laws. (n.d). NYC Health, Retrieved from

http://www1.nyc.gov/site/doh/business/food-operators/smoking-legislation.page 5. The Toll of Tobacco in New York. (n.d). Campaign for Tobacco-Free Kids. Retrieved from www.tobaccofreekids.org/problem/toll-us/new_york.

6. Tobacco use in Utah. (2017). Truth initiative Inspiring Tobacco-Free Lives Retrieved Retrieved April 08, 2018, from https://truthinitiative.org/tobacco-use-utah

Thanks to Christina Moylan, Ph.D. for her support in completing this research.



12,000

NYC residents are killed by tobacco each year

\$1,430

spent by NYS households annually for health care costs related to smoking

\$191.1 million spent by

tobacco industry in NYC

Alternatives

- Construct a program specifically in schools to educate teens about the effects of cigarettes, e-cigarettes, and other vapors.
- Awarding the top 10 high schools biennially within the boroughs which have successfully accomplished their goals of educating teens and decreasing number of teen smokers in their school.





Outcomes

- Prohibiting smoking in building and near entrances will decrease the smoking rate among teens.
- Offering help to these communities, and recognizing their effort to make our community smoke-free, will incentivize more units to change their policies regarding smoking.
- Holding educational meetings will decrease the rate of parents' as well as high teen smoking

Next steps

- Collaborate with schools and teen leaders by reaching out immediately to all school principals in New York City to engage them and interested students.
- Educate teens and community members about the effects of smoking every year.
- Analyze the student smoking rate data for further verification to measure the success of our program.

